PR 92-268

ASSOCIATED PUBLIC SAFETY COMMUNICATION OFFICERS, INC. NORTHERN CALIFORNIA CHAPTER APCO

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March 23, 1992

Ms. Donna Searcy
Secretary
Federal Communications Commission
Washington, D.C. 20554

Dear Ms. Searcy:

As chairperson of the Region 27 National Public Safety Planning Advisory Committee (NPSPAC), I am proud to present for your consideration our committee's Frequency Utilization Plan for the State of Nevada formulated in accordance with FCC Dockets 87-112 and 87-359.

On February 28, 1988 the Region 27 convener issued a Public Notice that an initial Region 27 Public Safety Planning meeting would be held on March 8, 1988 at the Nevada Legislature, Room 131. (See Section 3). This initial regional planning meeting officially established the Region 27 Planning Committee and its Subregions with Richard Sheldrew elected as Chairperson by the quorum. Participants in that meeting represented Public Safety Radio Services, Special Emergency Radio Service and Vendor Community. Please note that the vendors participation was encouraged, but they were not allowed to vote.

On December 27, 1991, I mailed the final draft to all entities on the list and provided to all nonparticipating parties requesting copies.

The Final acceptance meetings were held on January 16, 1992 and February 4, 1992.

This final document is outstanding proof that a diverse group of individuals and organizations ranging from Police, Fire, Federal Government, State Government, Local Government, Emergency Management can work together effectively for the good of the community and citizens they serve.

Please call me if you have any questions.

Sincerely,

Richard Sheldrew

Richard Sheldrew, Chairperson
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FEDERAL COMMUNICATIONS COMMISSION

REGION 27

State of Nevada

800 Mhz

COMMUNICATION PLAN

SECTION 1

OVERVIEW

Region 27
State of Nevada

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OVERVIEW

1.1 INTRODUCTION

This plan has been developed in accordance with Federal Communications Commission Docket 87-112, by a representative group of the Public Safety/Special Emergency Services within the State of Nevada.

1.2 SCOPE

The scope of the plan is to provide a Public Safety radio frequency allocation process that meets the following two objectives:

1. Facilitate interoperability between communications systems to permit local, state, and federal agencies to coordinate their activities.

2. Ensure efficient use of the radio spectrum allocated for public safety.

BACKGROUND

In December 1983, the United States Congress directed the Federal Communications Commission (FCC) to establish a plan to ensure that the communications needs of state and local public safety agencies would be met. To help meet this congressional mandate, the FCC established the National Public Safety Planning Advisory Committee (NPSPAC) and chartered this committee to:

(a) identify communications requirements of public safety services;

(b) develop a scheme for efficient use of the newly allocated frequencies at 821-825 MHz and 866-870 Mhz for public safety use nationwide.

(c) develop a scheme to increase utility of existing public safety frequencies; (d) recommend the manner in which new technologies can be applied to public safety frequencies; and

(d) recommend guidelines to ensure compliance with the National Plan.

ith open membership, NPSPAC provided the opportunity for the public safety community and other interested members of the public sector to participate in the overall spectrum management approach by recommending policy guidelines, technical standards, and procedures to satisfy public safety needs for the foreseeable future.

After consideration of NPSPAC's Final Report and comments filed in Docket No. 87-112, a Report and Order was released by the FCC in December 1987 which established a structure for the National Plan that included guidelines for the development of regional plans.

The National Plan reflects the FCC's regulatory objective of maximizing spectrum efficiency and ensuring sufficient flexibility to accommodate specific communications requirements in different areas of the United States. The National Plan serves as an umbrella under which regional plans can be developed and implemented.

1.4 REGIONAL PLANNING METHODOLOGY

UTHORITY

Authority for the Regional Planning Committee (RPC) to carry out its assigned tasks was derived from the FCC Report and Order, Docket 87-112. Participants in the formation of the RPC represent interested personnel from public safety and special emergency radio services. This section will cover the method used to create the Plan, the composition of the committees, and the intended method of administering the Plan.

Upon approval of this plan by the Federal Communications Commission, the Regional Planning Committee (RPC) will become the Regional Review Committee (RRC)

The development of the Public Safety Communications Plan for Region 27 has followed the requirements of the FCC's Report and Order as issued Docket 87-112. It is not the intent of this Plan to conflict with any current or future rule or regulation of the National Plan as may be applicable by Report and Order of the FCC. In such cases where conflict may exist, FCC rules and regulations shall prevail. Elements of this Plan not expressly prohibited by the FCC shall become applicable to Region 27 upon the Plan's

approval by the FCC. Should certain determinations by the FCC void any individual element of this plan, all other elements shall remain applicable.

1.5 REGIONAL PLANNING COMMITTEE

In accordance with Docket 87-112, the Associated Public Safety Communications Officers, Inc. (APCO) recommended to the FCC the appointment of a "Convener" for Nevada Region 27. Following statewide public notification of eligibles, the first meeting was held in the state capitol in Carson City. A copy of the letter of notification and list of attendees in shown in Attachments 3 and 4. A Convener for Region 27 was elected and serves as committee chairperson. The state was divided into three sub-regions and three sub-regional chairpersons were elected. The committee chairperson and sub-regional chairpersons also served on the working committee. Their names and a state map depicting the sub-regions are contained in Attachment 5 and 6, respectively.

Due to the large land area of Region 27, travel distances and budget constraints precluded large-scale, joint regional meetings of all public safety eligibles, as originally planned. Therefore, in order to meet the intent of Docket 87-112 and to attain better *statewide representation*, it was necessary for the committee chairperson and the state's 800 MHz project engineer to travel to each county to hold meetings with local representatives. This proved to be more effective and *resulted in greater representation than would have occurred otherwise*. Additional meetings were also held at the state level with state agency personnel.

Using the input from these representatives, the working committee developed the initial and final stages of the plan for review. In all, 42 separate meetings were held statewide with representatives from state agencies, counties, cities, special districts, and special emergency. More than 130 public safety, special emergency, and other officials participated in the plan development process. Attachment 7 contains the names, organizational affiliations, mailing addresses, and telephone numbers of those individuals instrumental in the Plan's formation. These representatives are all considered members of the Regional Planning Committee. Any changes or modifications will be accomplished by an equal and broad base of Region 27 eligibles in accordance with Section 4 of this plan.

1.6 SUMMARY OF PLAN ELEMENTS

Review of Docket 87-112 shows that four major products have been requested of Region 27 by the FCC.
They are:

* A channeling plan showing allocation of the NPSPAC frequencies in accordance with procedures and requirements of Docket 87-112.

* Explanation of operational issues dealing with the mutual aid channels.

* Establishment of procedures to modify the Region 27 Plan.

* Discussion and response to section V. Miscellaneous issues.

SECTION 2

CHANNELING PLAN

Region 27
State of Nevada

SECTION 2
CHANNELING PLAN

Docket 87-112 requires that a channeling plan allocating the NPSPAC frequencies be developed by each region.

As stated under III. Structure of the National Plan, section C. Common Elements of Regional Plans, the intent is to ensure that the National Plan encourages the most efficient utilization of the available spectrum and fosters interoperability between users. To accomplish this, it was necessary for the FCC to establish minimal technical standards the regional plans must follow.

In addition, requirements on how the channeling plan is developed is provided in Docket 87-112 under section IV. Implementation of the Plan, subsection C. Contents of Regional Plans, elements 5 through 9. They are:

(5) a general description of how the spectrum is to be allotted among the various eligible users within the region;

(6) an explanation of how the requirements of all eligible entities within the region were considered and met to the degree possible;

(7) an explanation as to how eligible entities have been prioritized in areas where not all can receive licenses.

(8) an explanation of how the plan has been coordinated with adjacent regions;

(9) a detailed description of how the plan puts the spectrum to the best possible use by requiring system design with minimum coverage areas, by assigning frequencies so that maximum frequency reuse and offset channel use may be made, by using trunking, and by requiring small entities with minimal requirements to join together on a single system where possible.

ELIGIBLES DEFINED

The Region 27 Planning Committee considers all eligibles listed under Federal Communications Commission Rules and Regulations Part 90, Subparts B, and C as Region 27 eligibles. This will include Subpart B eligibles of Local Government, Police, Fire, Highway Maintenance and Forestry-Conservation, and subpart C eligibles to include medical services, rescue organizations, veterinarians, disaster relief organizations, school buses, beach patrols, and communications standby facilities.

2.2 REGIONAL PROFILE

A. Geography

The State of Nevada is defined as Region 27. It has an area of 110,540 square miles. Its geography consists of longitudinal mountain ranges with elevations from 3,000 to 12,000. These mountain ranges are nominally separated by valley floors between 20 to 50 miles wide with elevations 490 to 6,000 ft. These mountain ranges provide communications sites that average greater then 2500 ft. above average terrain (ATT). The topography varies from large desert areas with sparse foliation at lower elevations to medium forested areas at higher elevations. It is bordered on the north by Oregon and Idaho, on the east by Utah, on the south by Arizona, and on the west by California. The distance from the northern border to the southern tip is approximately 500 miles and from the eastern border to the west 408 miles. Attachment 1 contains a map showing the 17 counties and county seats.

The variations in topography and population greatly affect the public safety communications requirements and system design. The uniqueness of a given area dictates the type of system best suited for public safety and special emergency operation. This Plan, its administration, and execution will reflect these considerations.

B. Population

The current population of the State is approximately 1,100,000 with the highest population density in the two major urban areas of Las Vegas/North Las Vegas/Henderson in the south and Reno/Sparks/Carson City in the north. The fastest population growth is occurring in the greater Las Vegas urban

rea of Clark County. The 1985 Clark County population was 767,890; the rrent population is over 815,000 and the projection for the year 2000 is 1,069,000. Washoe County, the second most populus area, is expected to increase from 264,000 in 1990 to 364,000 by the year 2000. The remainder of the state is rather sparsely populated and basically rural in nature. A statewide population projection is shown in Attachment 2.

C. Public Safety and Emergency Services

There are over 75 law enforcement agencies within the state consisting of the State agencies, County Sheriff Departments, City Police Departments, and University and School District security departments.

The Fire Service at the state and local level consists of both paid and volunteer agencies. Statewide, there are over 150 (including the Nevada Division of Forestry) fire departments. Generally, paid fire agencies operate within the urban areas while volunteer departments function primarily in the rural areas. There are also numerous private industrial and federal fire departments which are not included in the above count.

In the Special Emergency Service, there are over 72 operating ambulance encies or companies using both land and air vehicles. A large number of nese ambulance services operate under a volunteer organization, especially in the rural areas. There are 21 in Las Vegas.

There are a hosts of other public service organizations covering a wide variety of activities but they are to many to list. These include numerous other state and local government service agencies, such as wildlife, highway maintenance, public works, health, and emergency management.

Since much of the Nevada land area is controlled by the federal government, numerous federal agencies and the military operate extensively within the state requiring a variety of law enforcement, fire, medical, and other general services. The major federal agencies are the Bureau of Land Management, Forest Service, Department of Energy, Navy, Army, and Air Force.

SPECTRUM ALLOTMENT METHODOLOGY

Element 5 asks for:

A general description of how the spectrum is to be allotted among the various eligible users within the region.

Region 27 has developed the following tasks that will provide a foundation for assignment of NPSPAC frequencies.
They are:

TASKS

1. Identify and define Region 27 eligibles

2. Identify Region 27 requirements for radio spectrum. (See Element 6)

3. Identify applications the NPSPAC frequencies will support. (Element 6)

4. Review the technical standards required by Docket 87-112.

5. Evaluate how the technical standards can meet identified requirements and applications.

6. Determine spectrum requirement needed to satisfy step 5, compare spectrum requirement with FCC allotment total to determine if spectrum demand exceeds FCC allotment or results in surplus.

7. Create required data base and justification for input to CET Packing Program for automated assignment of frequencies.

2.4 REQUIREMENTS ASSESSMENT

Planning element (6) asks for:

An explanation of how the requirements of all eligible entities within the region were considered and met to the degree possible.

The Region 27 Planning Committee defines all eligibles under section 2.1 of this Plan.

This planning element identifies the radio spectrum requirements and the applications of Region 27 eligibles.

This was accomplished by collecting the following data on every Region 27 eligible.

1. Systems inventory to include number of portables, mobiles, base stations, and repeater stations. (See Region 27 Supplementary Information support documentation to the Region 27 Plan.)

2. Service area, or coverage requirements.

3. Functions the radio system provides.

4. Interoperability Requirements. (See Region 27 Supplementary Information support documentation to the Region 27 Plan.

These data provided the following information on radio spectrum required by Region 27 users.

a. Adequate radio frequencies to support radio systems coverage of a geographical area.

b. Adequate channel capacity for both day to day usage and emergency operations.

c. Adequate frequency reserve for systems expansion.

d. Radio frequency support for inter/intra agency communications.

e. Number of users having similar or overlapping coverage needs.

The applications supported by radio frequencies are:

a. Mobile relay stations for wide area or extended coverage between mobile and portable units.

b. Mobile and portable radio communications with local and wide area dispatch points.

c. Paging of emergency responders.

d. Electronic data exchange between information systems and mobile data terminals.

e. Mobile/portable to mobile/portable operation for tactical operations support.

f. Unit tracking and location

g. Mobile/portable operation into the public switched network.

h. Telemetry networks

As supported by interoperability requirements data in the Region 27 Supplementary Information support documentation to the Region 27 Plan, all eligibles in Region 27 identified interoperability and shortage of radio frequencies as the major deficiency, among Region 27 eligibles.

Interoperability is currently limited by the variety of bands, limited channel capacity, bandwidwidth limitation, etc.

The Region 27 planning committee has identified the above requirements, applications, and interoperability as minimum needs to be met for <u>all</u> eligibles. Meeting these needs will result in increased benefits for many eligibles.

In Planning Element 9, these identified minimum requirements are listed as a decision factor which affects the allocation method.

2 - PRIORITIZATION PROCEDURES

Element (7) asks for:

An explanation as to how eligible entities have been prioritized in areas where not all can receive licenses;

At the present time in Region 27, *there is no demonstrated need to consider priorities to any significant degree* in the preparation of this plan. Sufficient 800 MHz channels exist in the allocation to satisfy the current and future requirements of all eligibles as defined in this plan.

In the event that prioritization becomes necessary, the RRC will utilize the following decision factors and point schedule to determine allocations.

Point Range		
(0-25)	(1)	spectrum usage as it applies to protection of life and property.
-15)	(2)	functional application of how the frequencies are to be used.
	(3)	technical application of how the frequencies are to be used applied to:
(0-15)	a.	service demands
(0-15)	b.	channel loading
(0-15)	c.	system design (to include common system or common mode of operation vs. conventional mode.
(0-15)	(4)	implementation schedule to include funding support.

NOTE: Allocations will be based on highest sum of totaled points taking all decision factors into account.

2.6 ADJACENT REGION COORDINATION PROCEDURES

Planning Element 8 asks for:

An explanation of how the plan has been coordinated with adjacent regions;

Adjacent regions to Region 27 are:

Region 3 - Arizona
Region 5 - Southern California
Region 6 - Northern California
Region 12 - Idaho
Region 35 - Oregon
Region 41 - Utah

There are two areas of the Region 27 Plan that require coordination with adjacent regions.

The first area is the frequency allotment process. The intent of the coordination is to insure minimal interference of co-channel assignments next to regional borders. This coordination process will also insure that eligible's radio coverage is properly engineered to avoid overlapping into the adjacent region.

The majority of this coordination is accomplished automatically through the CET Sort program that the FCC has recommended to accomplish the frequency packing. This program takes into account the radio frequencies and their assigned areas in adjacent regions during the packing program.

In addition, a copy of the completed plan has been sent to each region with a request to review and concur with its contents. The letters of concurrence are provided in attachment 9.

The second area of importance is guidelines surrounding usage of mutual aid channels. Public safety agencies in bordering jurisdictions must communicate with each other. Therefore it is important that mutual aid guidelines between adjacent regions, be similar. Section 3 of this plan will provide indepth information on how this coordination will be accomplished.

The State of Nevada, and the State of California has already accomplished this coordinated effort for frequencies in lower bands.

2.7 DETAILED DESCRIPTION OF SPECTRUM ALLOCATIONS

Planning Element 9 asks for:

A detailed explanation of how the plan puts the spectrum to the best possible use by:

a. requiring system design with minimum coverage areas

b. by assigning frequencies so that maximum frequency reuse and offset channel use may be made

c. by using trunking

d. by requiring small entities with minimal requirements to join together on a single system where possible

Many of these objectives are interrelated. In addition, how these objectives are addressed can be affected by the following considerations:

1. CET SORT Packing Plan
2. Current 800 MHz Trunked and Conventional Technologies
3. Current and future State and Local Government equipment loading inventories
4. Operational Concerns
5. Current communications Site locations and service areas
6. Economies of scale

The frequency allocation committee of Reg. 27 was tasked by the Region 27 Chairman to evaluate and review data and information which deals with both Element 9 objectives and the above stated considerations.

a. REQUIRING SYSTEM DESIGN WITH MINIMUM COVERAGE AREAS

As mentioned in element 5, Region 27 has many eligibles with radio service coverage requirements exceeding thousands of square miles. It has been recommended by the FCC for Region 27 to utilize the CET Sort packing plan which describes the sizes of service areas used to initiate the packing procedures.

The CET Sort packing plan is a computerized program designed to achieve the best spectral efficiency possible while protecting co-channel and adjacent channels from interference. The required number of channels is allocated based upon identified needs or population density referenced to a geographical area. This program can also meet transmitting combining requirements to support common system technical requirements.

Discussion

Both Element 9 objective a, and the CET SORT Packing plan deal with restricting system design to small service areas.

n addition information provided on the CET sort program states that the frequency sorting task being done is a geographic sort of frequencies, NOT A SYSTEM DESIGN. Therefore, the coordinates and range data tabulated should describe the geography and not necessarily be actual user antenna sites.

THIS CONCEPT IS NOT IN THE BEST INTEREST OF REGION 27.

It is not in the best interest to circlelitize a geopolitical region without considering the local geography.

This is because of extreme mountainous terrain, large, sparsely populated service area and high costs of communication site development. High level mountain-top radio sites are required to serve Nevada State and Local governments. Average service areas range from 30 to 60 miles from these sites.

Region 27 RPC recognizes that using high level sites makes it technically difficult to avoid overlapping coverage into adjacent regions. The CET sort program asks that an eligibles geopolitical coverage not exceed its

boundary by more than three miles. Region 27 RPC fully agrees with the intent of the CET sort program so that maximum frequency reuse will occur. However, since these established sites may support multiple cities, counties and state agency service requirements, and since Planning Element 9, part d requires common systems where possible, it appears that a combination of high level sites in a common mode of operation is beneficial to both Region 27 and the FCC. This would also mean that a geopolitical boundary does not become an issue in the frequency allocation process.

Conclusion

Requiring Region 27 to utilize smaller service areas would require Region 27 eligibles to establish new communications site facilities and have a severe economic impact on Nevada's governments. Costs pertaining to power distribution, facility development, road access and development are major factors for this decision.

The RPC concludes that Region 27 be allowed to utilize large service areas when employing common systems. The CET Sort Program can accommodate service areas of up to radius of 60 miles.

rojected growth/population figures to the year 2000 show that Region 27 can continue using large service area coverage and meet service demand for existing eligibles, and provide future allocations for growth, without requiring the full NPSPAC allocation.

The RPC agrees that systems implemented to serve single users, (provided that they cannot work on a common system) shall be required to minimize RF propagation outside an agencies primary area of service according to SORT guidelines. The RPC also concludes that a common system supporting multiple cities, counties and St. agencies not be bounded by jurisdictional lines. Therefore, where common systems are implemented, channels allocated will be a function of a geographical area and not a particular eligible.

b. BY ASSIGNING FREQUENCIES SO THAT MAXIMUM FREQUENCY REUSE AND OFFSET CHANNEL USE MAY BE MADE

Element 9 part b also relates to part a in that the question arises, " Would a system design with minimum coverage areas provide greater frequency reuse than system design with large coverage areas.? "

Discussion

As commented on in the preceding section, small service areas are not in the best interest to Region 27. Initial analysis shows that utilization of small service areas in Reg. 27 results in an increase of frequencies required to obtain the needed coverage for Reg. 27 eligibles. This is determined through the circlelization method used by the CET SORT Program.

Conclusion

Given the limited spectral resource available for use by Public Safety, Region 27 recognizes the need to achieve maximum utilization in the assignment process. Once the service areas are defined in a Region, the CET SORT program will insure that a frequency is reused at the earliest opportunity with minimal degradation to co-channel or adjacent channel assignments.

c. BY USING TRUNKING

One of two stated objectives in Docket 87-112 requires the utilization of spectral efficient technologies. Trunking is mentioned as a spectral ficient technology which can meet the requirements of public safety.

Discussion

The RPC did review current 800 technologies for features and benefits to insure that in a common mode of operation, individual agencies needs and requirements were met or exceeded with 800 MHz technologies as compared to current technologies, current systems and current requirements.

A critical issue noted by the RPC is that equipment standards were never established for 800 MHz radios. Therefore the level of inter-operability (the major identified deficiency in REG. 27 and major objective of Doc. 87-112) achieved between systems can vary from having total system access to being able only to talk in a simplex mode of operation. FCC decisions dealing with equipment standards stated that they are not necessary due to the interoperability channels established in DOC. 87-112.

Conclusion

Region 27 fully agrees that trunking is not only spectral efficient, but

-an provide features and benefits not presently available to most Nevada ligibles. However, if not properly coordinated, interoperability problems being currently experienced at VHF 150-170 MHz and UHF 450-470 MHz will be compounded by the implementation of 800 MHz systems. If properly coordinated the interoperability problem can be minimized. This is a issue that needs to be further addressed by the eligibles in REG 27 in addition to the requirements of DOC. 87-112.

Docket 87-112, paragraph 37 has set both the requirements and exceptions regarding trunking technologies. This plan shall follow those guidelines.

d. BY REQUIRING SMALL ENTITIES WITH MINIMAL REQUIREMENTS TO JOIN TOGETHER ON A SINGLE SYSTEM WHERE POSSIBLE.

Discussion:

There are two issues that must be addressed concerning this requirement. One is a technical issue, and one is a political issue.

TECHNICAL ISSUES

ıe following issues interrelate and must be addressed:

a. Current 800 MHz Trunked and Conventional Technologies

The Region 27 Planning Committee was tasked with using trunking technologies and requiring small entities to join together on common systems. Therefore, the RPC did review current 800 technologies for features and benefits to insure that in a common mode of operation, individual agencies needs and requirements were met or exceeded with 800 MHz technologies as compared to current technologies, current systems and current requirements.

In order to more accurately project minimum spectrum requirements for common mode systems, current inventories showing total mobiles and portable radios in Nevada were collected and reviewed.

b. Economies of scale

Docket 87-112 does not address the budgetary impact that a planning process of this type could cause. In addition, Region 27 realizes that the FCC's

responsibility in this process is one of insuring spectral efficiency while eeting operational requirements. However, Region 27 is required to utilize common systems where possible. In review of current state and local government operational practices, it is observed that the multiple individual systems that are currently in place are spectrally inefficient. It is not uncommon to have multiple individual systems each supporting an average of 3 to 20 mobile/portable units. At the same time, the users of these systems complain of the lack of interoperability between these systems. Because Region 27 is tasked with requiring a common mode of operation to small eligibles, it should be noted that economies and minimal budget impact can occur in common systems. In addition, features and benefits, such as interoperability, can more efficiently be offered in a common system as compared to an individual system. Therefore, it is in the interest of all users for the RPC to consider the issue of economies of common mode vs individual mode of operation.

Conclusion

The Region 27 Committee has reviewed current service area requirements, average daily loading within a service area, and shared facilities currently in place. It has taken the number of agencies served, number of hannels currently required and compared this with a common system. If a common system is more spectrally efficient, has better interoperability and meets or exceeds an eligibles requirements, then a combined system has been recommended.

Review of 800 MHz trunked and conventional technologies show that these systems can support multiple users.

Political Issue

It is noted that requiring several small entities to work off a common system may cause political concerns to be raised. It is not the intent of the Region 27 Planning Committee to become embroiled in political matters should a common system be recommended to a user who does not desire to be part of a common system. Therefore, should this issue occur, the disagreeing party shall prepare a written report. This report and a report from the RRC shall be submitted for review and a decision by the FCC.

9 FREQUENCY REQUESTS AND COORDINATION

To ensure compliance with the Plan, any request for 800 Mhz frequencies to be used for public safety or special emergency operations (as described in Part 90 of the FCC rules and regulations) will be submitted to the Nevada APCO Frequency Advisor for processing and review by the RRC. The Advisor and the RRC shall review all applications to determine their compliance with the Regional Plan.

If approved by the RRC, the request will be returned to the applicant to be forwarded to the Associated Public Safety Communications Officers, Inc. (APCO) for frequency coordination in accordance with established procedures.

If not approved by the RRC, the request, with proper notations, will be returned to the applicant for revision and correction before being resubmitted to the Committee for further consideration and processing.

2.9 APPLICATION EVALUATION PROCEDURES

In order for the RRC to properly evaluate the request, all applications hall contain sufficient information to justify the frequencies requested and shall demonstrate compliance with the Plan. The information required includes the following:

A. Coordination and Licensing Application Forms

All applicants will be expected to fully and accurately complete the necessary forms. Each form shall be signed by an official of the requesting agency.

B. System Overview

A brief statement of the intended use of requested frequencies, a listing of the agency(ies) and/or departments that will utilized the system and how they will be integrated into existing emergency and non-emergency operations.

C. Existing Frequency Statement

A statement describing the disposition of existing frequencies will be required. All agencies participating in the use of the new 800 MHz spectrum shall prepare and submit a plan for the abandonment of their currently licensed frequencies in the lower bands. Existing frequencies will be released for reassignment to other agencies. Frequencies which are to be abandoned by an agency shall not be handed down to antoher agency within the respective jurisdiction.

D. Service Area and Population

A map of the service area and an exhibit of the population served and projected growth trends.

E. Implementation Schedule

A time-table exhibit showing a schedule detailing the time period required to implement the proposed communication system, from funding through turn-on and final acceptance.

F. Funding Statement

A funding statement of the agency's commitment to implement the system. The funding statement, which will be a resolution or similar document from the applicant's governing body, will include the method by which the system will be funded; for example, by normal budget procedures, certificates of obligation, local bond funds, or other methods.

G. System Engineering Exhibit

All requests to the Regional Review Committee for frequencies must include specific technical data for the RRC to be able to determine proposed system operating parameters.

H. Slow Growth

All systems in the 821-824/866-869 MHz. bands under this plan

will be slow growth in accordance with Section 90.629 of the Commission's rules.

The system engineering exhibit must show:

1. Transmitter Output Power
2. Type of Cavities (duplexers and combiners) and Associated Losses
3. Type of Transmission Line and Associated Loss (including jumpers)
4. Antenna Model and Gain
5. Ground Elevation Above Mean Sea Level
6. Antenna Centerline AGL
7. Height Above Average Terrain of Antenna Centerline
8. Effective Radiated Power as Determined by Items 1 through 4.

An exhibit showing the average elevation of the terrain of each of the eight main radials will be required. If an outside source is used for the calculation of average terrain, a copy of this report can be substituted for the average elevation exhibit.

2.10 APPEALS PROCEDURE

If an applicant feels that his request was not given the proper consideration, that applicant may appeal the RRC's decision. The appeal process has two levels - (1) the Regional Review Committee, (2) the FCC.

The appeal must be in writing and addressed to the Chairman of the RRC. Letters of appeal should explain the reasons why the applicant feels that his request was not given fair consideration and why the RRC should reconsider the request. The applicant should also include any additional supporting documentation that will assist the RRC in reviewing the appeal. Within thirty (30) calendar days after receipt of the appeal, the RRC will perform its review of the appeal and supporting documentation and then notify the applicant in writing of its decision.

If the RRC rejects the appeal, the applicant may request an FCC review. If the applicant requests FCC assistance, the RRC Chairman shall forward copies of the appeal and supporting documents to the FCC and request its assistance in mediation.

In the event that an appeal reaches the FCC, its decision will be final and binding upon all parties.

SUMMARY

The Region 27 RPC has formed the following base for Reg. 27 800 MHz allocations.

* Existing established Hi-Level sites shall be used to determine the packing methodology.

* Service areas will range from a radius of 25 - 60 miles.

* When a common mode of operation provides maximum benefits to P.S., than frequency allocation is assigned to a geographical area and not to specific users.

* 4 channels (1 control and 3 voice) will be the minimum allocation for a common mode system.

* Frequency reuse/packing will be accomplished by CET Sort Program.

2.11 CHANNEL ALLOCATIONS

A. Allocations

Subject to Plan approval by the FCC, all 800 MHz channels included in this Plan will be utilized in accordance with the agreed upon region-wide allocation table contained in this document, or as it may be modified in the future.

The frequency allocation is shown two ways, first by site name, then by channel number.

Information regarding site locations is located in supplementary information.

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Sites and Assigned Channels

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KIMBERLY	824									
GASS PEAK	617	819	645	799	665	817	621	795	647	771
MORMON MESA	623	815	649							
APEX MTN	808	625	787	653	764					
MT BROCK	606	823	626	803	646	821				
SPRUCE MTN	602	825	622	805						
SQUAW PK	604	822	624	802	644					
JACKS PEAK	824									
SNOW VALLEY PK	604	824	625	804	645					
PINE NUT MTN	822	607	802	627						
MCCLELLAN PK	820	609	800	629	779	613	818	633	798	653
KINKAID	825	610	805	630						
CHRISTMAS TREE	818	622	793	657	770	627				
KNOLL MTN	821									
RED PEAK	617	816	637	796						
JOHNNIE	613									
ADOBE SUMMIT	819	605	799							
PINE GROVE	619	814	641	794						
POTOSI MTN	629	801	659	780	679	791	633			
MT PERKINS	816									
OATMAN	624	807	660	786	683	803				
PENNSYLVANIA MT	607	817	627	797						
MAGGIE PEAK	602	823	622	796						
L&D MTN	609	815	629	795						
ROCKY MTN	612	813	632	793						
HIGHLAND PEAK	618	790	638	769	658					
ELKO MTN	808	617	788	637	768	619				
PEAVINE MTN	807	621	787	643	767	623	791	647	771	669
TIMBER	820	608	800	628						
TREASURE HILL	813									
BALD PK	640	791	660	770						
ANGEL PEAK	661	785	685	761	705	778				
MT DAVIDSON	649	789	671	769	691					
T V HILL	812	622	792	651						

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Sites and Assigned Channels

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SLIDE MTN	785	655	765	675	745	657				
SUNRISE	768	663	748	691	725	671	759	693	739	607
FOX MTN	606	815	626	793						
ROUND MTN	620	818	642	798						
ALAMO	602	806	630	783						
3 MI. HILL	625	823	645							
EAGLE MT.	783	659	763	679						
TOPAZ	781	661								
SOBER PEAK	814	619	793	640						
MARY'S MTN	801	643	781	663	761					
PILOT PEAK	612	808	632							
WARM SPRINGS	816	648	796							
CAVE MTN	631	807	651	786	671					
VIRGINIA PEAK	777	664	757	684						
VIRGINIA PEAK	792	673	757	695						
BEAVER DAM	743	678	723	698						
BLUE	791	604	770	632	750					
MT TENABO	613	814	633	794						
WINNEMUCCA MTN	618	812	638	784	658	778				
PROSPECT PEAK	654	779	674	759						
TOULON PEAK	631	773	662	752						
MT MOSES	625	806	650	766						
AUSTIN MTN	656	749	676	729						
EAGLE RIDGE	673	760	693							
MONTEZUMA MTN	788	637	768	660						
FAIRVIEW PEAK	747	681	727	701	603					
CURRANT SUMMIT	804	662	777	682						
STONEY PT.	792	621	771	641						
RED MTN	741	700	609	821						
BLACK MTN	737	702	825	605	805	733	709	611		
STATEWIDE	721	687	667	635	615	810	775	755	735	711

\+ Border situation requiring odd channel numbers
* Old equipment requiring even channel numbers

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Sites and Assigned Channels

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KIMBERLY	824									
GASS PEAK	617	621	645	647	665	771	795	799	817	819
MORMON MESA	623	649	815							
APEX MTN	625	653	764	787	808					
MT BROCK	606	626	646	803	821	823				
SPRUCE MTN	602	622	805	825						
SQUAW PK	604	624	644	802	822					
JACKS PEAK	824									
SNOW VALLEY PK	604	625	645	804	824					
PINE NUT MTN	607	627	802	822						
MCCLELLAN PK	609	613	629	633	653	779	798	800	818	820
KINKAID	610	630	805	825						
CHRISTMAS TREE	622	627	657	770	793	818				
KNOLL MTN	821									
RED PEAK	617	637	796	816						
JOHNNIE	613									
ADOBE SUMMIT	605	799	819							
PINE GROVE	619	641	794	814						
POTOSI MTN	629	633	659	679	780	791	801			
MT PERKINS	816									
OATMAN	624	660	683	786	803	807				
PENNSYLVANIA MT	607	627	797	817						
MAGGIE PEAK	602	622	796	823						
L&D MTN	609	629	795	815						
ROCKY MTN	612	632	793	813						
HIGHLAND PEAK	618	638	658	769	790					
ELKO MTN	617	619	637	768	788	808				
PEAVINE MTN	621	623	643	647	669	767	771	787	791	807
TIMBER	608	628	800	820						
TREASURE HILL	813									
BALD PK	640	660	770	791						
ANGEL PEAK	661	685	705	761	778	785				

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Sites and Assigned Channels

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MT DAVIDSON	649	671	691	769	789					
T V HILL	622	651	792	812						
SLIDE MTN	655	657	675	745	765	785				
SUNRISE	607	663	671	691	693	725	739	748	759	768
FOX MTN	606	626	793	815						
ROUND MTN	620	642	798	818						
ALAMO	602	630	783	806						
3 MI. HILL	625	645	823							
EAGLE MT.	659	679	763	783						
TOPAZ	661	781								
SOBER PEAK	619	640	793	814						
MARY'S MTN	643	663	761	781	801					
PILOT PEAK	612	632	808							
WARM SPRINGS	648	796	816							
CAVE MTN	631	651	671	786	807					
VIRGINIA PEAK	664	684	757	777						
VIRGINIA PEAK	673	695	757	792						
BEAVER DAM	678	698	723	743						
BLUE	604	632	750	770	791					
MT TENABO	613	633	794	814						
WINNEMUCCA MTN	618	638	658	778	784	812				
PROSPECT PEAK	654	674	759	779						
TOULON PEAK	631	662	752	773						
MT MOSES	625	650	766	806						
AUSTIN MTN	656	676	729	749						
EAGLE RIDGE	673	693	760							
MONTEZUMA MTN	637	660	768	788						
FAIRVIEW PEAK	603	681	701	727	747					
CURRANT SUMMIT	662	682	777	804						
STONEY PT.	621	641	771	792						
RED MTN	609	700	741	821						
BLACK MTN	605	611	702	709	733	737	805	825		
STATEWIDE	615	635	667	687	711	721	735	755	775	810

\+ Border situation requiring odd channel numbers
* Old equipment requiring even channel numbers

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F.C.C. Channel Assignments

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Channel Number 601	Mobile Frequency 821.0125 Mz	Base Frequency 866.0125 Mz	Mutual aid
Channel Number 602	Mobile Frequency 821.0375 Mz	Base Frequency 866.0375 Mz	SPRUCE MTN
Channel Number 602	Mobile Frequency 821.0375 Mz	Base Frequency 866.0375 Mz	MAGGIE PEAK
Channel Number 602	Mobile Frequency 821.0375 Mz	Base Frequency 866.0375 Mz	ALAMO
Channel Number 603	Mobile Frequency 821.0500 Mz	Base Frequency 866.0500 Mz	FAIRVIEW PEAK
Channel Number 604	Mobile Frequency 821.0625 Mz	Base Frequency 866.0625 Mz	SQUAW PK
Channel Number 604	Mobile Frequency 821.0625 Mz	Base Frequency 866.0625 Mz	SNOW VALLEY PK
Channel Number 604	Mobile Frequency 821.0625 Mz	Base Frequency 866.0625 Mz	BLUE
Channel Number 605	Mobile Frequency 821.0750 Mz	Base Frequency 866.0750 Mz	ADOBE SUMMIT
Channel Number 605	Mobile Frequency 821.0750 Mz	Base Frequency 866.0750 Mz	BLACK MTN
Channel Number 606	Mobile Frequency 821.0875 Mz	Base Frequency 866.0875 Mz	MT BROCK
Channel Number 606	Mobile Frequency 821.0875 Mz	Base Frequency 866.0875 Mz	FOX MTN
Channel Number 607	Mobile Frequency 821.1000 Mz	Base Frequency 866.1000 Mz	PINE NUT MTN
Channel Number 607	Mobile Frequency 821.1000 Mz	Base Frequency 866.1000 Mz	PENNSYLVANIA MT
Channel Number 607	Mobile Frequency 821.1000 Mz	Base Frequency 866.1000 Mz	SUNRISE
Channel Number 608	Mobile Frequency 821.1125 Mz	Base Frequency 866.1125 Mz	TIMBER
Channel Number 609	Mobile Frequency 821.1250 Mz	Base Frequency 866.1250 Mz	MCCLELLAN PK
Channel Number 609	Mobile Frequency 821.1250 Mz	Base Frequency 866.1250 Mz	L&D MTN
Channel Number 609	Mobile Frequency 821.1250 Mz	Base Frequency 866.1250 Mz	RED MTN
Channel Number 610	Mobile Frequency 821.1375 Mz	Base Frequency 866.1375 Mz	KINKAID
Channel Number 611	Mobile Frequency 821.1500 Mz	Base Frequency 866.1500 Mz	BLACK MTN
Channel Number 612	Mobile Frequency 821.1625 Mz	Base Frequency 866.1625 Mz	ROCKY MTN
Channel Number 612	Mobile Frequency 821.1625 Mz	Base Frequency 866.1625 Mz	PILOT PEAK
Channel Number 613	Mobile Frequency 821.1750 Mz	Base Frequency 866.1750 Mz	MCCLELLAN PK
Channel Number 613	Mobile Frequency 821.1750 Mz	Base Frequency 866.1750 Mz	JOHNNIE
Channel Number 613	Mobile Frequency 821.1750 Mz	Base Frequency 866.1750 Mz	MT TENABO
Channel Number 614	Mobile Frequency 821.1875 Mz	Base Frequency 866.1875 Mz	Unassigned
Channel Number 615	Mobile Frequency 821.2000 Mz	Base Frequency 866.2000 Mz	STATEWIDE
Channel Number 616	Mobile Frequency 821.2125 Mz	Base Frequency 866.2125 Mz	Unassigned
Channel Number 617	Mobile Frequency 821.2250 Mz	Base Frequency 866.2250 Mz	GASS PEAK
Channel Number 617	Mobile Frequency 821.2250 Mz	Base Frequency 866.2250 Mz	RED PEAK
Channel Number 617	Mobile Frequency 821.2250 Mz	Base Frequency 866.2250 Mz	ELKO MTN
Channel Number 618	Mobile Frequency 821.2375 Mz	Base Frequency 866.2375 Mz	HIGHLAND PEAK
Channel Number 618	Mobile Frequency 821.2375 Mz	Base Frequency 866.2375 Mz	WINNEMUCCA MTN
Channel Number 619	Mobile Frequency 821.2500 Mz	Base Frequency 866.2500 Mz	PINE GROVE
Channel Number 619	Mobile Frequency 821.2500 Mz	Base Frequency 866.2500 Mz	ELKO MTN
Channel Number 619	Mobile Frequency 821.2500 Mz	Base Frequency 866.2500 Mz	SOBER PEAK
Channel Number 620	Mobile Frequency 821.2625 Mz	Base Frequency 866.2625 Mz	ROUND MTN
Channel Number 621	Mobile Frequency 821.2750 Mz	Base Frequency 866.2750 Mz	GASS PEAK
Channel Number 621	Mobile Frequency 821.2750 Mz	Base Frequency 866.2750 Mz	PEAVINE MTN
Channel Number 621	Mobile Frequency 821.2750 Mz	Base Frequency 866.2750 Mz	STONEY PT.

Channel Number	622	Mobile Frequency 821.2875 Mz	Base Frequency 866.2875 Mz	SPRUCE MTN
Channel Number	622	Mobile Frequency 821.2875 Mz	Base Frequency 866.2875 Mz	CHRISTMAS TREE
Channel Number	622	Mobile Frequency 821.2875 Mz	Base Frequency 866.2875 Mz	MAGGIE PEAK
Channel Number	622	Mobile Frequency 821.2875 Mz	Base Frequency 866.2875 Mz	T V HILL
Channel Number	623	Mobile Frequency 821.3000 Mz	Base Frequency 866.3000 Mz	MORMON MESA
Channel Number	623	Mobile Frequency 821.3000 Mz	Base Frequency 866.3000 Mz	PEAVINE MTN
Channel Number	624	Mobile Frequency 821.3125 Mz	Base Frequency 866.3125 Mz	SQUAW PK
Channel Number	624	Mobile Frequency 821.3125 Mz	Base Frequency 866.3125 Mz	OATMAN
Channel Number	625	Mobile Frequency 821.3250 Mz	Base Frequency 866.3250 Mz	APEX MTN
Channel Number	625	Mobile Frequency 821.3250 Mz	Base Frequency 866.3250 Mz	SNOW VALLEY PK
Channel Number	625	Mobile Frequency 821.3250 Mz	Base Frequency 866.3250 Mz	3 MI. HILL
Channel Number	625	Mobile Frequency 821.3250 Mz	Base Frequency 866.3250 Mz	MT MOSES
Channel Number	626	Mobile Frequency 821.3375 Mz	Base Frequency 866.3375 Mz	MT BROCK
Channel Number	626	Mobile Frequency 821.3375 Mz	Base Frequency 866.3375 Mz	FOX MTN
Channel Number	627	Mobile Frequency 821.3500 Mz	Base Frequency 866.3500 Mz	PINE NUT MTN
Channel Number	627	Mobile Frequency 821.3500 Mz	Base Frequency 866.3500 Mz	CHRISTMAS TREE
Channel Number	627	Mobile Frequency 821.3500 Mz	Base Frequency 866.3500 Mz	PENNSYLVANIA MT
Channel Number	628	Mobile Frequency 821.3625 Mz	Base Frequency 866.3625 Mz	TIMBER
Channel Number	629	Mobile Frequency 821.3750 Mz	Base Frequency 866.3750 Mz	MCCLELLAN PK
Channel Number	629	Mobile Frequency 821.3750 Mz	Base Frequency 866.3750 Mz	POTOSI MTN
Channel Number	629	Mobile Frequency 821.3750 Mz	Base Frequency 866.3750 Mz	L&D MTN
Channel Number	630	Mobile Frequency 821.3875 Mz	Base Frequency 866.3875 Mz	KINKAID
Channel Number	630	Mobile Frequency 821.3875 Mz	Base Frequency 866.3875 Mz	ALAMO
Channel Number	631	Mobile Frequency 821.4000 Mz	Base Frequency 866.4000 Mz	CAVE MTN
Channel Number	631	Mobile Frequency 821.4000 Mz	Base Frequency 866.4000 Mz	TOULON PEAK
Channel Number	632	Mobile Frequency 821.4125 Mz	Base Frequency 866.4125 Mz	ROCKY MTN
Channel Number	632	Mobile Frequency 821.4125 Mz	Base Frequency 866.4125 Mz	PILOT PEAK
Channel Number	632	Mobile Frequency 821.4125 Mz	Base Frequency 866.4125 Mz	BLUE
Channel Number	633	Mobile Frequency 821.4250 Mz	Base Frequency 866.4250 Mz	MCCLELLAN PK
Channel Number	633	Mobile Frequency 821.4250 Mz	Base Frequency 866.4250 Mz	POTOSI MTN
Channel Number	633	Mobile Frequency 821.4250 Mz	Base Frequency 866.4250 Mz	MT TENABO
Channel Number	634	Mobile Frequency 821.4375 Mz	Base Frequency 866.4375 Mz	Unassigned
Channel Number	635	Mobile Frequency 821.4500 Mz	Base Frequency 866.4500 Mz	STATEWIDE
Channel Number	636	Mobile Frequency 821.4625 Mz	Base Frequency 866.4625 Mz	Unassigned
Channel Number	637	Mobile Frequency 821.4750 Mz	Base Frequency 866.4750 Mz	RED PEAK
Channel Number	637	Mobile Frequency 821.4750 Mz	Base Frequency 866.4750 Mz	ELKO MTN
Channel Number	637	Mobile Frequency 821.4750 Mz	Base Frequency 866.4750 Mz	MONTEZUMA MTN
Channel Number	638	Mobile Frequency 821.4875 Mz	Base Frequency 866.4875 Mz	HIGHLAND PEAK
Channel Number	638	Mobile Frequency 821.4875 Mz	Base Frequency 866.4875 Mz	WINNEMUCCA MTN
Channel Number	639	Mobile Frequency 821.5125 Mz	Base Frequency 866.5125 Mz	Mutual aid
Channel Number	640	Mobile Frequency 821.5375 Mz	Base Frequency 866.5375 Mz	BALD PK
Channel Number	640	Mobile Frequency 821.5375 Mz	Base Frequency 866.5375 Mz	SOBER PEAK
Channel Number	641	Mobile Frequency 821.5500 Mz	Base Frequency 866.5500 Mz	PINE GROVE
Channel Number	641	Mobile Frequency 821.5500 Mz	Base Frequency 866.5500 Mz	STONEY PT.
Channel Number	642	Mobile Frequency 821.5625 Mz	Base Frequency 866.5625 Mz	ROUND MTN
Channel Number	643	Mobile Frequency 821.5750 Mz	Base Frequency 866.5750 Mz	PEAVINE MTN
Channel Number	643	Mobile Frequency 821.5750 Mz	Base Frequency 866.5750 Mz	MARY'S MTN

Channel Number 644	Mobile Frequency 821.5875 Mz	Base Frequency 866.5875 Mz	SQUAW PK
Channel Number 645	Mobile Frequency 821.6000 Mz	Base Frequency 866.6000 Mz	GASS PEAK
Channel Number 645	Mobile Frequency 821.6000 Mz	Base Frequency 866.6000 Mz	SNOW VALLEY PK
Channel Number 645	Mobile Frequency 821.6000 Mz	Base Frequency 866.6000 Mz	3 MI. HILL
Channel Number 646	Mobile Frequency 821.6125 Mz	Base Frequency 866.6125 Mz	MT BROCK
Channel Number 647	Mobile Frequency 821.6250 Mz	Base Frequency 866.6250 Mz	GASS PEAK
Channel Number 647	Mobile Frequency 821.6250 Mz	Base Frequency 866.6250 Mz	PEAVINE MTN
Channel Number 648	Mobile Frequency 821.6375 Mz	Base Frequency 866.6375 Mz	WARM SPRINGS
Channel Number 649	Mobile Frequency 821.6500 Mz	Base Frequency 866.6500 Mz	MORMON MESA
Channel Number 649	Mobile Frequency 821.6500 Mz	Base Frequency 866.6500 Mz	MT DAVIDSON
Channel Number 650	Mobile Frequency 821.6625 Mz	Base Frequency 866.6625 Mz	MT MOSES
Channel Number 651	Mobile Frequency 821.6750 Mz	Base Frequency 866.6750 Mz	T V HILL
Channel Number 651	Mobile Frequency 821.6750 Mz	Base Frequency 866.6750 Mz	CAVE MTN
Channel Number 652	Mobile Frequency 821.6875 Mz	Base Frequency 866.6875 Mz	Unassigned
Channel Number 653	Mobile Frequency 821.7000 Mz	Base Frequency 866.7000 Mz	APEX MTN
Channel Number 653	Mobile Frequency 821.7000 Mz	Base Frequency 866.7000 Mz	MCCLELLAN PK
Channel Number 654	Mobile Frequency 821.7125 Mz	Base Frequency 866.7125 Mz	PROSPECT PEAK
Channel Number 655	Mobile Frequency 821.7250 Mz	Base Frequency 866.7250 Mz	SLIDE MTN
Channel Number 656	Mobile Frequency 821.7375 Mz	Base Frequency 866.7375 Mz	AUSTIN MTN
Channel Number 657	Mobile Frequency 821.7500 Mz	Base Frequency 866.7500 Mz	CHRISTMAS TREE
Channel Number 657	Mobile Frequency 821.7500 Mz	Base Frequency 866.7500 Mz	SLIDE MTN
Channel Number 658	Mobile Frequency 821.7625 Mz	Base Frequency 866.7625 Mz	HIGHLAND PEAK
Channel Number 658	Mobile Frequency 821.7625 Mz	Base Frequency 866.7625 Mz	WINNEMUCCA MTN
Channel Number 659	Mobile Frequency 821.7750 Mz	Base Frequency 866.7750 Mz	POTOSI MTN
Channel Number 659	Mobile Frequency 821.7750 Mz	Base Frequency 866.7750 Mz	EAGLE MT.
Channel Number 660	Mobile Frequency 821.7875 Mz	Base Frequency 866.7875 Mz	OATMAN
Channel Number 660	Mobile Frequency 821.7875 Mz	Base Frequency 866.7875 Mz	BALD PK
Channel Number 660	Mobile Frequency 821.7875 Mz	Base Frequency 866.7875 Mz	MONTEZUMA MTN
Channel Number 661	Mobile Frequency 821.8000 Mz	Base Frequency 866.8000 Mz	ANGEL PEAK
Channel Number 661	Mobile Frequency 821.8000 Mz	Base Frequency 866.8000 Mz	TOPAZ
Channel Number 662	Mobile Frequency 821.8125 Mz	Base Frequency 866.8125 Mz	TOULON PEAK
Channel Number 662	Mobile Frequency 821.8125 Mz	Base Frequency 866.8125 Mz	CURRANT SUMMIT
Channel Number 663	Mobile Frequency 821.8250 Mz	Base Frequency 866.8250 Mz	SUNRISE
Channel Number 663	Mobile Frequency 821.8250 Mz	Base Frequency 866.8250 Mz	MARY'S MTN
Channel Number 664	Mobile Frequency 821.8375 Mz	Base Frequency 866.8375 Mz	VIRGINIA PEAK
Channel Number 665	Mobile Frequency 821.8500 Mz	Base Frequency 866.8500 Mz	GASS PEAK
Channel Number 666	Mobile Frequency 821.8625 Mz	Base Frequency 866.8625 Mz	Unassigned
Channel Number 667	Mobile Frequency 821.8750 Mz	Base Frequency 866.8750 Mz	STATEWIDE
Channel Number 668	Mobile Frequency 821.8875 Mz	Base Frequency 866.8875 Mz	Unassigned
Channel Number 669	Mobile Frequency 821.9000 Mz	Base Frequency 866.9000 Mz	PEAVINE MTN
Channel Number 670	Mobile Frequency 821.9125 Mz	Base Frequency 866.9125 Mz	Unassigned

Channel Number 671	Mobile Frequency 821.9250 Mz	Base Frequency 866.9250 Mz	MT DAVIDSON
Channel Number 671	Mobile Frequency 821.9250 Mz	Base Frequency 866.9250 Mz	SUNRISE
Channel Number 671	Mobile Frequency 821.9250 Mz	Base Frequency 866.9250 Mz	CAVE MTN
Channel Number 672	Mobile Frequency 821.9375 Mz	Base Frequency 866.9375 Mz	Unassigned
Channel Number 673	Mobile Frequency 821.9500 Mz	Base Frequency 866.9500 Mz	VIRGIN PEAK
Channel Number 673	Mobile Frequency 821.9500 Mz	Base Frequency 866.9500 Mz	EAGLE RIDGE
Channel Number 674	Mobile Frequency 821.9625 Mz	Base Frequency 866.9625 Mz	PROSPECT PEAK
Channel Number 675	Mobile Frequency 821.9750 Mz	Base Frequency 866.9750 Mz	SLIDE MTN
Channel Number 676	Mobile Frequency 821.9875 Mz	Base Frequency 866.9875 Mz	AUSTIN MTN
Channel Number 677	Mobile Frequency 822.0125 Mz	Base Frequency 867.0125 Mz	Mutual aid
Channel Number 678	Mobile Frequency 822.0375 Mz	Base Frequency 867.0375 Mz	BEAVER DAM
Channel Number 679	Mobile Frequency 822.0500 Mz	Base Frequency 867.0500 Mz	POTOSI MTN
Channel Number 679	Mobile Frequency 822.0500 Mz	Base Frequency 867.0500 Mz	EAGLE MT.
Channel Number 680	Mobile Frequency 822.0625 Mz	Base Frequency 867.0625 Mz	Unassigned
Channel Number 681	Mobile Frequency 822.0750 Mz	Base Frequency 867.0750 Mz	FAIRVIEW PEAK
Channel Number 682	Mobile Frequency 822.0875 Mz	Base Frequency 867.0875 Mz	CURRANT SUMMIT
Channel Number 683	Mobile Frequency 822.1000 Mz	Base Frequency 867.1000 Mz	OATMAN
Channel Number 684	Mobile Frequency 822.1125 Mz	Base Frequency 867.1125 Mz	VIRGINIA PEAK
Channel Number 685	Mobile Frequency 822.1250 Mz	Base Frequency 867.1250 Mz	ANGEL PEAK
Channel Number 686	Mobile Frequency 822.1375 Mz	Base Frequency 867.1375 Mz	Unassigned
Channel Number 687	Mobile Frequency 822.1500 Mz	Base Frequency 867.1500 Mz	STATEWIDE
Channel Number 688	Mobile Frequency 822.1625 Mz	Base Frequency 867.1625 Mz	Unassigned
Channel Number 689	Mobile Frequency 822.1750 Mz	Base Frequency 867.1750 Mz	Unassigned
Channel Number 690	Mobile Frequency 822.1875 Mz	Base Frequency 867.1875 Mz	Unassigned
Channel Number 691	Mobile Frequency 822.2000 Mz	Base Frequency 867.2000 Mz	MT DAVIDSON
Channel Number 691	Mobile Frequency 822.2000 Mz	Base Frequency 867.2000 Mz	SUNRISE
Channel Number 692	Mobile Frequency 822.2125 Mz	Base Frequency 867.2125 Mz	Unassigned
Channel Number 693	Mobile Frequency 822.2250 Mz	Base Frequency 867.2250 Mz	SUNRISE
Channel Number 693	Mobile Frequency 822.2250 Mz	Base Frequency 867.2250 Mz	EAGLE RIDGE
Channel Number 694	Mobile Frequency 822.2375 Mz	Base Frequency 867.2375 Mz	Unassigned
Channel Number 695	Mobile Frequency 822.2500 Mz	Base Frequency 867.2500 Mz	VIRGIN PEAK
Channel Number 696	Mobile Frequency 822.2625 Mz	Base Frequency 867.2625 Mz	Unassigned
Channel Number 697	Mobile Frequency 822.2750 Mz	Base Frequency 867.2750 Mz	Unassigned
Channel Number 698	Mobile Frequency 822.2875 Mz	Base Frequency 867.2875 Mz	BEAVER DAM
Channel Number 699	Mobile Frequency 822.3000 Mz	Base Frequency 867.3000 Mz	Unassigned
Channel Number 700	Mobile Frequency 822.3125 Mz	Base Frequency 867.3125 Mz	RED MTN
Channel Number 701	Mobile Frequency 822.3250 Mz	Base Frequency 867.3250 Mz	FAIRVIEW PEAK
Channel Number 702	Mobile Frequency 822.3375 Mz	Base Frequency 867.3375 Mz	BLACK MTN

Channel Number	703	Mobile Frequency 822.3500 Mz	Base Frequency 867.3500 Mz	Unassigned
Channel Number	704	Mobile Frequency 822.3625 Mz	Base Frequency 867.3625 Mz	Unassigned
Channel Number	705	Mobile Frequency 822.3750 Mz	Base Frequency 867.3750 Mz	ANGEL PEAK
Channel Number	706	Mobile Frequency 822.3875 Mz	Base Frequency 867.3875 Mz	Unassigned
Channel Number	707	Mobile Frequency 822.4000 Mz	Base Frequency 867.4000 Mz	Unassigned
Channel Number	708	Mobile Frequency 822.4125 Mz	Base Frequency 867.4125 Mz	Unassigned
Channel Number	709	Mobile Frequency 822.4250 Mz	Base Frequency 867.4250 Mz	BLACK MTN
Channel Number	710	Mobile Frequency 822.4375 Mz	Base Frequency 867.4375 Mz	Unassigned
Channel Number	711	Mobile Frequency 822.4500 Mz	Base Frequency 867.4500 Mz	STATEWIDE
Channel Number	712	Mobile Frequency 822.4625 Mz	Base Frequency 867.4625 Mz	Unassigned
Channel Number	713	Mobile Frequency 822.4750 Mz	Base Frequency 867.4750 Mz	Unassigned
Channel Number	714	Mobile Frequency 822.4875 Mz	Base Frequency 867.4875 Mz	Unassigned
Channel Number	715	Mobile Frequency 822.5125 Mz	Base Frequency 867.5125 Mz	Mutual aid
Channel Number	716	Mobile Frequency 822.5375 Mz	Base Frequency 867.5375 Mz	Unassigned
Channel Number	717	Mobile Frequency 822.5500 Mz	Base Frequency 867.5500 Mz	Unassigned
Channel Number	718	Mobile Frequency 822.5625 Mz	Base Frequency 867.5625 Mz	Unassigned
Channel Number	719	Mobile Frequency 822.5750 Mz	Base Frequency 867.5750 Mz	Unassigned
Channel Number	720	Mobile Frequency 822.5875 Mz	Base Frequency 867.5875 Mz	Unassigned
Channel Number	721	Mobile Frequency 822.6000 Mz	Base Frequency 867.6000 Mz	STATEWIDE
Channel Number	722	Mobile Frequency 822.6125 Mz	Base Frequency 867.6125 Mz	Unassigned
Channel Number	723	Mobile Frequency 822.6250 Mz	Base Frequency 867.6250 Mz	BEAVER DAM
Channel Number	724	Mobile Frequency 822.6375 Mz	Base Frequency 867.6375 Mz	Unassigned
Channel Number	725	Mobile Frequency 822.6500 Mz	Base Frequency 867.6500 Mz	SUNRISE
Channel Number	726	Mobile Frequency 822.6625 Mz	Base Frequency 867.6625 Mz	Unassigned
Channel Number	727	Mobile Frequency 822.6750 Mz	Base Frequency 867.6750 Mz	FAIRVIEW PEAK
Channel Number	728	Mobile Frequency 822.6875 Mz	Base Frequency 867.6875 Mz	Unassigned
Channel Number	729	Mobile Frequency 822.7000 Mz	Base Frequency 867.7000 Mz	AUSTIN MTN
Channel Number	730	Mobile Frequency 822.7125 Mz	Base Frequency 867.7125 Mz	Unassigned
Channel Number	731	Mobile Frequency 822.7250 Mz	Base Frequency 867.7250 Mz	Unassigned
Channel Number	732	Mobile Frequency 822.7375 Mz	Base Frequency 867.7375 Mz	Unassigned
Channel Number	733	Mobile Frequency 822.7500 Mz	Base Frequency 867.7500 Mz	BLACK MTN
Channel Number	734	Mobile Frequency 822.7625 Mz	Base Frequency 867.7625 Mz	Unassigned
Channel Number	735	Mobile Frequency 822.7750 Mz	Base Frequency 867.7750 Mz	STATEWIDE
Channel Number	736	Mobile Frequency 822.7875 Mz	Base Frequency 867.7875 Mz	Unassigned
Channel Number	737	Mobile Frequency 822.8000 Mz	Base Frequency 867.8000 Mz	BLACK MTN

Channel Number 738	Mobile Frequency 822.8125 Mz	Base Frequency 867.8125 Mz	Unassigned
Channel Number 739	Mobile Frequency 822.8250 Mz	Base Frequency 867.8250 Mz	SUNRISE
Channel Number 740	Mobile Frequency 822.8375 Mz	Base Frequency 867.8375 Mz	Unassigned
Channel Number 741	Mobile Frequency 822.8500 Mz	Base Frequency 867.8500 Mz	RED MTN
Channel Number 742	Mobile Frequency 822.8625 Mz	Base Frequency 867.8625 Mz	Unassigned
Channel Number 743	Mobile Frequency 822.8750 Mz	Base Frequency 867.8750 Mz	BEAVER DAM
Channel Number 744	Mobile Frequency 822.8875 Mz	Base Frequency 867.8875 Mz	Unassigned
Channel Number 745	Mobile Frequency 822.9000 Mz	Base Frequency 867.9000 Mz	SLIDE MTN
Channel Number 746	Mobile Frequency 822.9125 Mz	Base Frequency 867.9125 Mz	Unassigned
Channel Number 747	Mobile Frequency 822.9250 Mz	Base Frequency 867.9250 Mz	FAIRVIEW PEAK
Channel Number 748	Mobile Frequency 822.9375 Mz	Base Frequency 867.9375 Mz	SUNRISE
Channel Number 749	Mobile Frequency 822.9500 Mz	Base Frequency 867.9500 Mz	AUSTIN MTN
Channel Number 750	Mobile Frequency 822.9625 Mz	Base Frequency 867.9625 Mz	BLUE
Channel Number 751	Mobile Frequency 822.9750 Mz	Base Frequency 867.9750 Mz	Unassigned
Channel Number 752	Mobile Frequency 822.9875 Mz	Base Frequency 867.9875 Mz	TOULON PEAK
Channel Number 753	Mobile Frequency 823.0125 Mz	Base Frequency 868.0125 Mz	Mutual aid
Channel Number 754	Mobile Frequency 823.0375 Mz	Base Frequency 868.0375 Mz	Unassigned
Channel Number 755	Mobile Frequency 823.0500 Mz	Base Frequency 868.0500 Mz	STATEWIDE
Channel Number 756	Mobile Frequency 823.0625 Mz	Base Frequency 868.0625 Mz	Unassigned
Channel Number 757	Mobile Frequency 823.0750 Mz	Base Frequency 868.0750 Mz	VIRGINIA PEAK
Channel Number 757	Mobile Frequency 823.0750 Mz	Base Frequency 868.0750 Mz	VIRGIN PEAK
Channel Number 758	Mobile Frequency 823.0875 Mz	Base Frequency 868.0875 Mz	Unassigned
Channel Number 759	Mobile Frequency 823.1000 Mz	Base Frequency 868.1000 Mz	SUNRISE
Channel Number 759	Mobile Frequency 823.1000 Mz	Base Frequency 868.1000 Mz	PROSPECT PEAK
Channel Number 760	Mobile Frequency 823.1125 Mz	Base Frequency 868.1125 Mz	EAGLE RIDGE
Channel Number 761	Mobile Frequency 823.1250 Mz	Base Frequency 868.1250 Mz	ANGEL PEAK
Channel Number 761	Mobile Frequency 823.1250 Mz	Base Frequency 868.1250 Mz	MARY'S MTN
Channel Number 762	Mobile Frequency 823.1375 Mz	Base Frequency 868.1375 Mz	Unassigned
Channel Number 763	Mobile Frequency 823.1500 Mz	Base Frequency 868.1500 Mz	EAGLE MT.
Channel Number 764	Mobile Frequency 823.1625 Mz	Base Frequency 868.1625 Mz	APEX MTN
Channel Number 765	Mobile Frequency 823.1750 Mz	Base Frequency 868.1750 Mz	SLIDE MTN
Channel Number 766	Mobile Frequency 823.1875 Mz	Base Frequency 868.1875 Mz	MT MOSES
Channel Number 767	Mobile Frequency 823.2000 Mz	Base Frequency 868.2000 Mz	PEAVINE MTN
Channel Number 768	Mobile Frequency 823.2125 Mz	Base Frequency 868.2125 Mz	ELKO MTN
Channel Number 768	Mobile Frequency 823.2125 Mz	Base Frequency 868.2125 Mz	SUNRISE
Channel Number 768	Mobile Frequency 823.2125 Mz	Base Frequency 868.2125 Mz	MONTEZUMA MTN
Channel Number 769	Mobile Frequency 823.2250 Mz	Base Frequency 868.2250 Mz	HIGHLAND PEAK
Channel Number 769	Mobile Frequency 823.2250 Mz	Base Frequency 868.2250 Mz	MT DAVIDSON

Channel Number	770	Mobile Frequency 823.2375 Mz	Base Frequency 868.2375 Mz	CHRISTMAS TREE
Channel Number	770	Mobile Frequency 823.2375 Mz	Base Frequency 868.2375 Mz	BALD PK
Channel Number	770	Mobile Frequency 823.2375 Mz	Base Frequency 868.2375 Mz	BLUE
Channel Number	771	Mobile Frequency 823.2500 Mz	Base Frequency 868.2500 Mz	GASS PEAK
Channel Number	771	Mobile Frequency 823.2500 Mz	Base Frequency 868.2500 Mz	PEAVINE MTN
Channel Number	771	Mobile Frequency 823.2500 Mz	Base Frequency 868.2500 Mz	STONEY PT.
Channel Number	772	Mobile Frequency 823.2625 Mz	Base Frequency 868.2625 Mz	Unassigned
Channel Number	773	Mobile Frequency 823.2750 Mz	Base Frequency 868.2750 Mz	TOULON PEAK
Channel Number	774	Mobile Frequency 823.2875 Mz	Base Frequency 868.2875 Mz	Unassigned
Channel Number	775	Mobile Frequency 823.3000 Mz	Base Frequency 868.3000 Mz	STATEWIDE
Channel Number	776	Mobile Frequency 823.3125 Mz	Base Frequency 868.3125 Mz	Unassigned
Channel Number	777	Mobile Frequency 823.3250 Mz	Base Frequency 868.3250 Mz	VIRGINIA PEAK
Channel Number	777	Mobile Frequency 823.3250 Mz	Base Frequency 868.3250 Mz	CURRANT SUMMIT
Channel Number	778	Mobile Frequency 823.3375 Mz	Base Frequency 868.3375 Mz	ANGEL PEAK
Channel Number	778	Mobile Frequency 823.3375 Mz	Base Frequency 868.3375 Mz	WINNEMUCCA MTN
Channel Number	779	Mobile Frequency 823.3500 Mz	Base Frequency 868.3500 Mz	MCCLELLAN PK
Channel Number	779	Mobile Frequency 823.3500 Mz	Base Frequency 868.3500 Mz	PROSPECT PEAK
Channel Number	780	Mobile Frequency 823.3625 Mz	Base Frequency 868.3625 Mz	POTOSI MTN
Channel Number	781	Mobile Frequency 823.3750 Mz	Base Frequency 868.3750 Mz	TOPAZ
Channel Number	781	Mobile Frequency 823.3750 Mz	Base Frequency 868.3750 Mz	MARY'S MTN
Channel Number	782	Mobile Frequency 823.3875 Mz	Base Frequency 868.3875 Mz	Unassigned
Channel Number	783	Mobile Frequency 823.4000 Mz	Base Frequency 868.4000 Mz	ALAMO
Channel Number	783	Mobile Frequency 823.4000 Mz	Base Frequency 868.4000 Mz	EAGLE MT.
Channel Number	784	Mobile Frequency 823.4125 Mz	Base Frequency 868.4125 Mz	WINNEMUCCA MTN
Channel Number	785	Mobile Frequency 823.4250 Mz	Base Frequency 868.4250 Mz	ANGEL PEAK
Channel Number	785	Mobile Frequency 823.4250 Mz	Base Frequency 868.4250 Mz	SLIDE MTN
Channel Number	786	Mobile Frequency 823.4375 Mz	Base Frequency 868.4375 Mz	OATMAN
Channel Number	786	Mobile Frequency 823.4375 Mz	Base Frequency 868.4375 Mz	CAVE MTN
Channel Number	787	Mobile Frequency 823.4500 Mz	Base Frequency 868.4500 Mz	APEX MTN
Channel Number	787	Mobile Frequency 823.4500 Mz	Base Frequency 868.4500 Mz	PEAVINE MTN
Channel Number	788	Mobile Frequency 823.4625 Mz	Base Frequency 868.4625 Mz	ELKO MTN
Channel Number	788	Mobile Frequency 823.4625 Mz	Base Frequency 868.4625 Mz	MONTEZUMA MTN
Channel Number	789	Mobile Frequency 823.4750 Mz	Base Frequency 868.4750 Mz	MT DAVIDSON
Channel Number	790	Mobile Frequency 823.4875 Mz	Base Frequency 868.4875 Mz	HIGHLAND PEAK
Channel Number	791	Mobile Frequency 823.5000 Mz	Base Frequency 868.5000 Mz	POTOSI MTN
Channel Number	791	Mobile Frequency 823.5000 Mz	Base Frequency 868.5000 Mz	PEAVINE MTN
Channel Number	791	Mobile Frequency 823.5000 Mz	Base Frequency 868.5000 Mz	BALD PK
Channel Number	791	Mobile Frequency 823.5000 Mz	Base Frequency 868.5000 Mz	BLUE
Channel Number	792	Mobile Frequency 823.5125 Mz	Base Frequency 868.5125 Mz	T V HILL
Channel Number	792	Mobile Frequency 823.5125 Mz	Base Frequency 868.5125 Mz	VIRGIN PEAK
Channel Number	792	Mobile Frequency 823.5125 Mz	Base Frequency 868.5125 Mz	STONEY PT.
Channel Number	793	Mobile Frequency 823.5250 Mz	Base Frequency 868.5250 Mz	CHRISTMAS TREE
Channel Number	793	Mobile Frequency 823.5250 Mz	Base Frequency 868.5250 Mz	ROCKY MTN
Channel Number	793	Mobile Frequency 823.5250 Mz	Base Frequency 868.5250 Mz	FOX MTN
Channel Number	793	Mobile Frequency 823.5250 Mz	Base Frequency 868.5250 Mz	SOBER PEAK

Channel Number 794	Mobile Frequency 823.5375 Mz	Base Frequency 868.5375 Mz	PINE GROVE
Channel Number 794	Mobile Frequency 823.5375 Mz	Base Frequency 868.5375 Mz	MT TENABO
Channel Number 795	Mobile Frequency 823.5500 Mz	Base Frequency 868.5500 Mz	GASS PEAK
Channel Number 795	Mobile Frequency 823.5500 Mz	Base Frequency 868.5500 Mz	L&D MTN
Channel Number 796	Mobile Frequency 823.5625 Mz	Base Frequency 868.5625 Mz	RED PEAK
Channel Number 796	Mobile Frequency 823.5625 Mz	Base Frequency 868.5625 Mz	MAGGIE PEAK
Channel Number 796	Mobile Frequency 823.5625 Mz	Base Frequency 868.5625 Mz	WARM SPRINGS
Channel Number 797	Mobile Frequency 823.5750 Mz	Base Frequency 868.5750 Mz	PENNSYLVANIA MT
Channel Number 798	Mobile Frequency 823.5875 Mz	Base Frequency 868.5875 Mz	MCCLELLAN PK
Channel Number 798	Mobile Frequency 823.5875 Mz	Base Frequency 868.5875 Mz	ROUND MTN
Channel Number 799	Mobile Frequency 823.6000 Mz	Base Frequency 868.6000 Mz	GASS PEAK
Channel Number 799	Mobile Frequency 823.6000 Mz	Base Frequency 868.6000 Mz	ADOBE SUMMIT
Channel Number 800	Mobile Frequency 823.6125 Mz	Base Frequency 868.6125 Mz	MCCLELLAN PK
Channel Number 800	Mobile Frequency 823.6125 Mz	Base Frequency 868.6125 Mz	TIMBER
Channel Number 801	Mobile Frequency 823.6250 Mz	Base Frequency 868.6250 Mz	POTOSI MTN
Channel Number 801	Mobile Frequency 823.6250 Mz	Base Frequency 868.6250 Mz	MARY'S MTN
Channel Number 802	Mobile Frequency 823.6375 Mz	Base Frequency 868.6375 Mz	SQUAW PK
Channel Number 802	Mobile Frequency 823.6375 Mz	Base Frequency 868.6375 Mz	PINE NUT MTN
Channel Number 803	Mobile Frequency 823.6500 Mz	Base Frequency 868.6500 Mz	MT BROCK
Channel Number 803	Mobile Frequency 823.6500 Mz	Base Frequency 868.6500 Mz	OATMAN
Channel Number 804	Mobile Frequency 823.6625 Mz	Base Frequency 868.6625 Mz	SNOW VALLEY PK
Channel Number 804	Mobile Frequency 823.6625 Mz	Base Frequency 868.6625 Mz	CURRANT SUMMIT
Channel Number 805	Mobile Frequency 823.6750 Mz	Base Frequency 868.6750 Mz	SPRUCE MTN
Channel Number 805	Mobile Frequency 823.6750 Mz	Base Frequency 868.6750 Mz	KINKAID
Channel Number 805	Mobile Frequency 823.6750 Mz	Base Frequency 868.6750 Mz	BLACK MTN
Channel Number 806	Mobile Frequency 823.6875 Mz	Base Frequency 868.6875 Mz	ALAMO
Channel Number 806	Mobile Frequency 823.6875 Mz	Base Frequency 868.6875 Mz	MT MOSES
Channel Number 807	Mobile Frequency 823.7000 Mz	Base Frequency 868.7000 Mz	OATMAN
Channel Number 807	Mobile Frequency 823.7000 Mz	Base Frequency 868.7000 Mz	PEAVINE MTN
Channel Number 807	Mobile Frequency 823.7000 Mz	Base Frequency 868.7000 Mz	CAVE MTN
Channel Number 808	Mobile Frequency 823.7125 Mz	Base Frequency 868.7125 Mz	APEX MTN
Channel Number 808	Mobile Frequency 823.7125 Mz	Base Frequency 868.7125 Mz	ELKO MTN
Channel Number 808	Mobile Frequency 823.7125 Mz	Base Frequency 868.7125 Mz	PILOT PEAK
Channel Number 809	Mobile Frequency 823.7250 Mz	Base Frequency 868.7250 Mz	Unassigned
Channel Number 810	Mobile Frequency 823.7375 Mz	Base Frequency 868.7375 Mz	STATEWIDE
Channel Number 811	Mobile Frequency 823.7500 Mz	Base Frequency 868.7500 Mz	Unassigned
Channel Number 812	Mobile Frequency 823.7625 Mz	Base Frequency 868.7625 Mz	T V HILL
Channel Number 812	Mobile Frequency 823.7625 Mz	Base Frequency 868.7625 Mz	WINNEMUCCA MTN
Channel Number 813	Mobile Frequency 823.7750 Mz	Base Frequency 868.7750 Mz	ROCKY MTN
Channel Number 813	Mobile Frequency 823.7750 Mz	Base Frequency 868.7750 Mz	TREASURE HILL
Channel Number 814	Mobile Frequency 823.7875 Mz	Base Frequency 868.7875 Mz	PINE GROVE
Channel Number 814	Mobile Frequency 823.7875 Mz	Base Frequency 868.7875 Mz	SOBER PEAK
Channel Number 814	Mobile Frequency 823.7875 Mz	Base Frequency 868.7875 Mz	MT TENABO
Channel Number 815	Mobile Frequency 823.8000 Mz	Base Frequency 868.8000 Mz	MORMON MESA
Channel Number 815	Mobile Frequency 823.8000 Mz	Base Frequency 868.8000 Mz	L&D MTN
Channel Number 815	Mobile Frequency 823.8000 Mz	Base Frequency 868.8000 Mz	FOX MTN

Channel Number	816	Mobile Frequency 823.8125 Mz	Base Frequency 868.8125 Mz	RED PEAK
Channel Number	816	Mobile Frequency 823.8125 Mz	Base Frequency 868.8125 Mz	MT PERKINS
Channel Number	816	Mobile Frequency 823.8125 Mz	Base Frequency 868.8125 Mz	WARM SPRINGS
Channel Number	817	Mobile Frequency 823.8250 Mz	Base Frequency 868.8250 Mz	GASS PEAK
Channel Number	817	Mobile Frequency 823.8250 Mz	Base Frequency 868.8250 Mz	PENNSYLVANIA MT
Channel Number	818	Mobile Frequency 823.8375 Mz	Base Frequency 868.8375 Mz	MCCLELLAN PK
Channel Number	818	Mobile Frequency 823.8375 Mz	Base Frequency 868.8375 Mz	CHRISTMAS TREE
Channel Number	818	Mobile Frequency 823.8375 Mz	Base Frequency 868.8375 Mz	ROUND MTN
Channel Number	819	Mobile Frequency 823.8500 Mz	Base Frequency 868.8500 Mz	GASS PEAK
Channel Number	819	Mobile Frequency 823.8500 Mz	Base Frequency 868.8500 Mz	ADOBE SUMMIT
Channel Number	820	Mobile Frequency 823.8625 Mz	Base Frequency 868.8625 Mz	MCCLELLAN PK
Channel Number	820	Mobile Frequency 823.8625 Mz	Base Frequency 868.8625 Mz	TIMBER
Channel Number	821	Mobile Frequency 823.8750 Mz	Base Frequency 868.8750 Mz	MT BROCK
Channel Number	821	Mobile Frequency 823.8750 Mz	Base Frequency 868.8750 Mz	KNOLL MTN
Channel Number	821	Mobile Frequency 823.8750 Mz	Base Frequency 868.8750 Mz	RED MTN
Channel Number	822	Mobile Frequency 823.8875 Mz	Base Frequency 868.8875 Mz	SQUAW PK
Channel Number	822	Mobile Frequency 823.8875 Mz	Base Frequency 868.8875 Mz	PINE NUT MTN
Channel Number	823	Mobile Frequency 823.9000 Mz	Base Frequency 868.9000 Mz	MT BROCK
Channel Number	823	Mobile Frequency 823.9000 Mz	Base Frequency 868.9000 Mz	MAGGIE PEAK
Channel Number	823	Mobile Frequency 823.9000 Mz	Base Frequency 868.9000 Mz	3 MI. HILL
Channel Number	824	Mobile Frequency 823.9125 Mz	Base Frequency 868.9125 Mz	KIMBERLY
Channel Number	824	Mobile Frequency 823.9125 Mz	Base Frequency 868.9125 Mz	JACKS PEAK
Channel Number	824	Mobile Frequency 823.9125 Mz	Base Frequency 868.9125 Mz	SNOW VALLEY PK
Channel Number	825	Mobile Frequency 823.9250 Mz	Base Frequency 868.9250 Mz	SPRUCE MTN
Channel Number	825	Mobile Frequency 823.9250 Mz	Base Frequency 868.9250 Mz	KINKAID
Channel Number	825	Mobile Frequency 823.9250 Mz	Base Frequency 868.9250 Mz	BLACK MTN
Channel Number	826	Mobile Frequency 823.9375 Mz	Base Frequency 868.9375 Mz	Unassigned
Channel Number	827	Mobile Frequency 823.9500 Mz	Base Frequency 868.9500 Mz	Unassigned
Channel Number	828	Mobile Frequency 823.9625 Mz	Base Frequency 868.9625 Mz	Unassigned
Channel Number	829	Mobile Frequency 823.9750 Mz	Base Frequency 868.9750 Mz	Unassigned
Channel Number	830	Mobile Frequency 823.9875 Mz	Base Frequency 868.9875 Mz	Unassigned

SECTION 3

MUTUAL AID FREQUENCIES

Region 27
State of Nevada

MUTUAL AID CHANNELS AND USAGE

3.1.1 NATIONAL MUTUAL AID CHANNELS

A major consideration in the National Plan is to establish the capability to provide a means of communicating between public safety agencies at all levels of government. It is evident, due to the present use within Nevada of various, non-compatible portions of the spectrum, that total interoperability cannot be accomplished in the short term.

There is an interagency communications plan in existence for the State of Nevada. A listing of the present frequencies contained in this plan is shown in Attachment 8. As new systems are implemented or a migration from present systems to the 800 MHz channels occur, it is important that this interagency communications capability be preserved. This Plan addresses this issue.

In accordance with the national band plan for 821-824/866-869 mHz, interoperability among local, state, and federal agencies during both routine and emergency operations may take place on the five (5) common National channels and/or on additional common Regional channels which may be identified in the Regional Plan.

Additionally, through the use of S-160 or equivalent agreements, a licensee may permit federal use of a non-federal communications system. Such use, other than the five common channels, is to be in full compliance with the FCC's requirements for federal government use on state and local government frequencies (Title 47 CFR, Sec. 2.103).

Normally, the common channels are to be used only for activities requiring communications between agencies not sharing any other compatible communication system. Under emergency situations, one or more tactical channels may be assigned by the controlling agency at the time of the incident. Users of these channels include local, state, and federal disaster management agencies; police, fire, and providers of basic and advanced life support services. Other eligibles, such as special districts, volunteer emergency corps, Red Cross, Radio Amateur Civil Emergency Service (RACES), Amateur Radio Emergency Service (ARES), Salvation Army, etc., under the National Plan may also participate on a secondary basis in support of the preservation of life and property during an emergency. These eligibles may be called upon by the controlling agency

hen specifically enrolled in a documented emergency plan of a recognized ergency management agency.

The use of automatic or operator-assisted connection of these common channels during non emergencies to the public switched telephone network is **prohibited**.

3.2 STATE MUTUAL AID CHANNELS

The additional state mutual aid channels, which are included in this Plan, are intended to serve specific needs of the various services. Their use will be incorporated into and governed by the Nevada Division of Emergency Management's existing Interagency Communication Plan developed by a user committee representing public safety/special emergency services in State of Nevada.

The state mutual aid channels shall be subject to a priority usage as follows:

Priority 1:	Disaster and extreme emergency operations, for mutual aid and interagency communications.
Priority 2:	Emergency or urgent operations involving imminent danger to the safety of life or property.
Priority 3:	Special event control activities, generally of a pre-planned nature, and generally involving joint participation of two or more agencies.
Priority 4:	Drills, tests, and exercises of a emergency management of disaster nature.
Priority 5:	Single agency secondary communications.

NATIONAL AND STATE MUTUAL AID CHANNEL LISTING

821/866.0125 MHz	- Nat'l	1	- High Level Calling
821/866.5125 MHz	- Nat'l	2	- Low Level Tactical
822/867.0125 MHz	- Nat'l	3	- Low Level Tactical
822/867.5125 MHz	- Nat'l	4	- Low Level Tactical
823/868.0125 MHz	- Nat'l	5	- Low Level Tactical
823/868.7375 MHz	- State	12	- Statewide Law
823/868.8875 MHz	- State	13	- Statewide Emerg. Mgmt.
823/868.9875 Mhz	- State	14	- Statewide Fire/EMS

800 Mhz channels 12 through 14 are numerically sequenced in accordance with existing state mutual aid channels 1 through 11 already assigned for use on other bands (See Attachment 8).

3.4 LICENSING AND INTENDED USE

FCC licenses for all mutual aid channels will be coordinated by and licensed to the State of Nevada, Department of Emergency Services.

These channels are reserved for use by those agencies in need of conducting interagency communications. Incidents requiring multi-agency participation will be coordinated over these channels by the agency controlling the incident. Individual tactical channels may be designated for use by various services or disciplines on an incident basis by the controlling agency.

In the event of multiple incidents requiring the use of these channels, channels shall be designated by mutual agreement between controlling agencies. In no case shall control of these channels remain with any single agency beyond the termination of a declared emergency.

The use of these channels for intra-system normal dispatch and routine agency operations is strictly prohibited.

In all instances, lower priority use must cease when a higher priority use is required in any area where interference could result. Priority 5 use at 800 MHz shall be permitted only on statewide channels 12 and 13.

There shall be no fixed base stations on channels designated as Tactical. Low power, temporary, portable mobile relay stations shall be permitted,

except for Priority 5 use.

3.5 NATIONAL CALLING CHANNEL

The calling channel shall be used to contact other users in the Region for the purpose of requesting incident related information and/or assistance. This channel shall not be used as an ongoing working channel. Once contact is made, an agreed upon National or State tactical channel will be recommended for continued communications.

3.6 CALLING CHANNEL MONITORING AGENCIES

To ensure maximum compliance with the National Plan for use of the National Calling Channel, the RRC will encourage major 24-hour state and local agencies to develop and implement a comprehensive system of monitoring stations.

In each county (or multiple counties if a sub-region is desired), local and state agencies shall develop an implementation plan for that area. The lan shall include the location(s) and operating parameters of stations within the area. It shall also include the name(s) of the agency or agencies within the area designated as a "Monitoring Agency".

The network shall be designed so that the radio coverage of the Monitoring Agency(cies) will cover a major portion of the county or sub-region. Stations in the system may consist of control (FX1), mobile relay (FB2), or base stations (FB). Base stations operated at remote sites must be capable of reverting to the mobile relay mode upon failure the control circuit.

In addition to the Monitoring Agency, any other agency shall be permitted to operate a control station for purposes of monitoring the channel and rendering assistance as required.

7 RADIO CODES

Plain Language will be used on all common channels at all times. The use of radio codes, unfamiliar terms, or phrases will be minimized, unless deemed necessary for security purposes.

3.8 CODED SQUELCH

All equipment licensed to operate on the 800 MHz mutual aid channels listed in this plan shall be equipped with the National Common Tone Squelch of 156.7 HZ.

Mobile relays operating on these common channels may be equipped with additional tone or digital squelch for the purpose of selecting individual mobile relay stations, provided the National Common Tone is used on the output frequency. Such use shall be planned and coordinated with the RRC.

3.9 VOICE PRIVACY, PAGING, ALERTING, SIGNALLING

Other than Automatic Transmitter Identification System (ATIS), any paging, alerting, or signalling on these common channels is *prohibited*. In unique ircumstances, encryption or voice privacy may be allowed on State tactical channels for special operations, at the discretion of the RRC.

3.10 UNIT IDENTIFICATION

Units operating on these common channels shall include their agency name and unit number as in the following example.

"Metro Police Department, this is Nye County Sheriff's Unit 123"

3.11 OPERATION IN AIRCRAFT

Use of radio equipment in aircraft on the mutual aid channels is *permitted* provided the transmitted power does not exceed 10 watts ERP and the operation conforms to all applicable FCC rules and regulations.

3.12 CROSS BAND REPEATING OR LINKING

Except for Priority 5 operation, interfacing these common channels to other public safety/special emergency systems operating in other portions of the

adio spectrum is permitted in conformance with applicable FCC Rules and egulations.

3.13 GRANDFATHERED EQUIPMENT

In Docket 87-112 the commission states that "...equipment type accepted under Part 90 for operation in the 806-821/851-866 MHz band is considered type accepted for operation on the five mutual aid channels." In addition, transmitters type accepted for operation in the 806-821/851-866 MHz band in agency possession or on order as of September 7,1988, may be utilized in Public Safety and Special Emergency Radio Services provided the transmitter deviation is reduced to ±4 kHz

3.14 FEDERAL INTEROPERABILITY

In accordance with the National Plan, interoperability among federal, state, and local agencies shall occur on the five National channels. If a need is demonstrated among federal agencies to operate on other common channels, such as those in the Nevada Interagency Communications Plan, or channels of a single entity, such operation may occur through the use of an agreement which will satisfy the requirements of the local agency and the CC.

SECTION 4

REGION 27
PLAN MODIFICATION

Region 27
State of Nevada

EGION 27 PLAN MODIFICATION

Section IV E. states that modification of the regional plans may be necessary after approval.

The following procedure has been established by Region 27 when a request is received by the RRC that cannot be addressed by the existing Region 27 plan.

1. The RRC will determine the impact to the Region 27 eligibles.

2. The RRC will develop corrective recommendations.

3. The RRC will notify Region 27 eligibles of recommended chanages and request written comments where disagreements may occur.

4. Comments will be compiled and analyzed by the RRC.

5. Based on analysis of comments, a recommendation and justification for plan modification will be forwarded to the FCC for comment and required action.

6. Upon approval from FCC, the Region 27 Plan will be modified and Region 27 eligibles will be advised of changes.

SECTION 5

MISCELLANEOUS ISSUES

Region 27
State of Nevada

ISCELLANEOUS ISSUES

Docket 87-112 has required that the Region 27 Plan address the following miscellaneous issues:

1. Vacated Frequencies

2. Unused 800 Mhz Frequencies

3. Use of Cellular and Mobile Satellite Services

4. Federal Agency Concerns

1. Vacated Frequencies

It is anticipated that, in all but the most unusual cases, frequencies presently utilized by a licensee will be released for reassignment to other agencies within the FCC designated radio services, e.g., fire, local government, forestry, etc. The applicant shall be required to furnish the RC a list of frequencies to be released as "give-backs".

The RRC shall notify the Nevada APCO Frequency Advisor, who will in turn notify frequency coordinators in other radio services, of frequencies recommended for reassignment and/or release.

All give-back frequencies are to be considered for reassignment. An agency will not be able to "farm down" frequencies to other services within their political structure unless it is justified to the Regional Review Committee. Agencies failing to give back channels, as agreed, will be subject to forfeiture of their 821-824/866-869 MHz channels.

2. Unused 800 Mhz Frequencies

This issue has been discussed by Region 27 eligibles. The Region 27 Plan has considered and allocated spectrum for <u>all</u> parts B and C public safety and governmental agencies in the St. of Nevada. Given the the population growth over the next 10 years, there will be unused 800 MHz spectrum. Docket 87-112 has stated that the Federal Communications Commission through additional regulatory proceedings will address the usage

f this spectrum.

3. Use of Cellular and Mobile Satellite Services

Region 27 agrees with comments made by the FCC regarding Cellular and Mobile Satellite Services.

The RRC will encourage the usage of private carriers/systems to augment connectivity into the public switched network.

4. Federal Agency Concerns

The Region 27 Plan has stated that interoperability is the greatest deficency among Region 27 eligibles. Because of the large involvement and requirement to coordinate with Federal agencies such as USFS, BLM, and FBI daily, the current and future direction of the Federal Interdepartment Radio Advisory Committee as compared to public safety land mobile trends, the interoperability problem will increase.

While it is true that the mutual aid channels provide a method of teroperability, it appears that the difference between public safety and ederal spectrum allocations, and the technologies that will be used in these spectrums will require multiple radios to be purchased between those agencies who require inter/intra communications. Therefore, provided Federal Regulations do not preclude usage of Public Safety systems by Federal Agencies, Federal agencies will be encouraged to utilize Region 27 systems where possible.

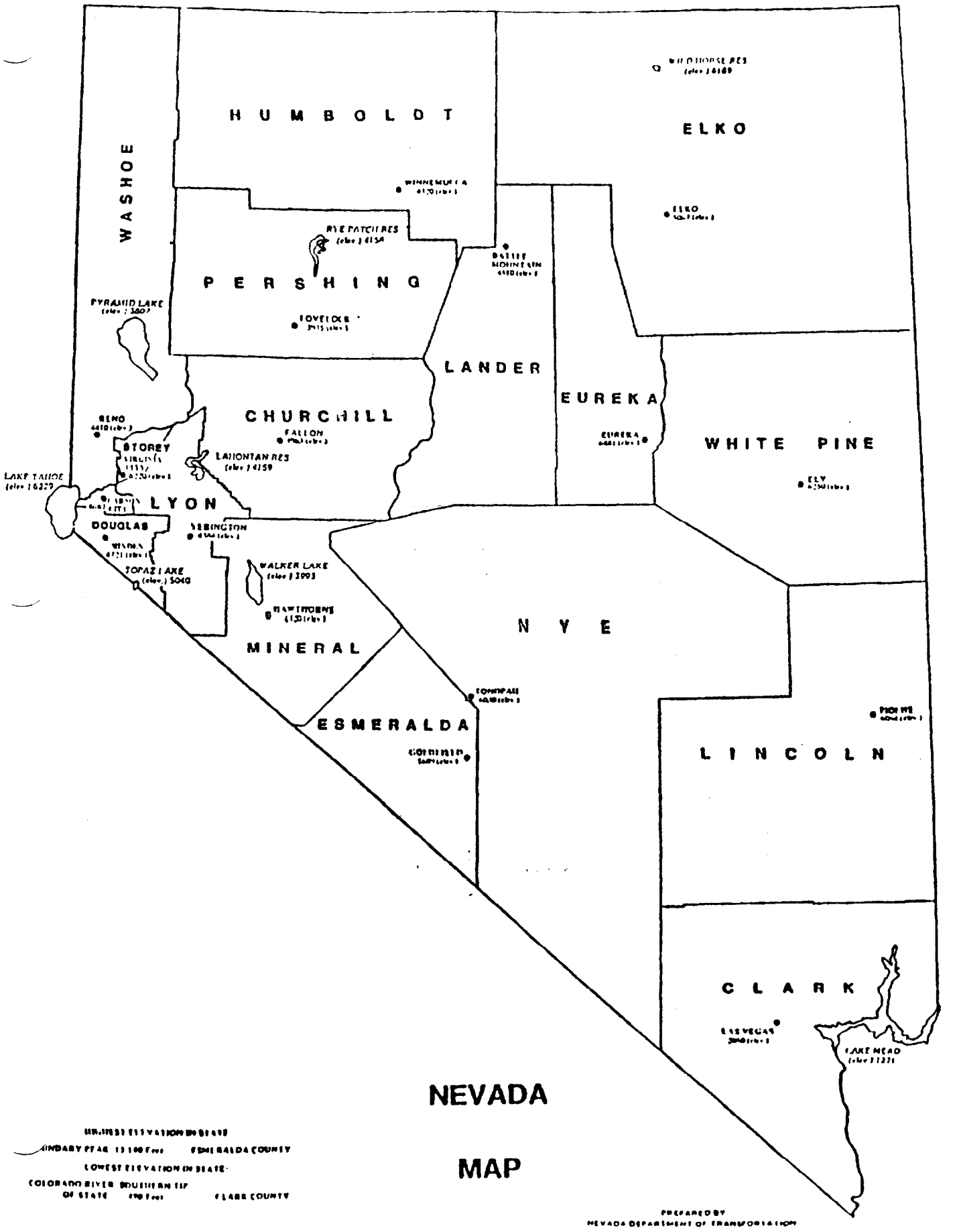
SECTION 6

APPENDIX

Region 27
State of Nevada

ATTACHMENT 1

STATE MAP SHOWING COUNTIES AND COUNTY SEATS


HUMBOLDT
ELKO
WASHOE
PERSHING
LANDER
EUREKA
CHURCHILL
WHITE PINE
LYON
DOUGLAS
STOREY
MINERAL
NYE
ESMERALDA
LINCOLN
CLARK
WINNEMUCCA
ELKO
RYE PATCH RES
BATTLE MOUNTAIN
PYRAMID LAKE
LOVELOCK
RENO
FALLON
LAHONTAN RES
LAKE TAHOE
YERINGTON
WALKER LAKE
TOPAZ LAKE
HAWTHORNE
EUREKA
ELY
LAS VEGAS
LAKE MEAD
NEVADA
MAP
PREPARED BY
NEVADA DEPARTMENT OF TRANSPORTATION

ATTACHMENT 2

PROJECTED POPULATION BY COUNTY

YEAR	1990	1995	2000	2005	2010
CARSON CITY	39,962	45,514	51,123	56,940	63,031
CHURCHILL	17,095	18,477	20,624	22,864	25,215
CLARK	715,377	879,878	1,069,430	1,290,330	1,548,770
DOUGLAS	30,071	37,096	45,227	54,858	66,140
ELKO	26,290	29,323	33,293	54,858	66,140
ESMERALDA	1,410	1,425	1,472	1,515	1,555
EUREKA	1,780	1,972	2,410	2,936	3,541
HUMBOLDT	14,038	14,876	15,750	16,609	17,451
LANDER	4,981	5,230	5,469	5,704	5,929
LINCOLN	4,031	4,179	4,312	4,438	4,557
LYON	19,636	21,863	24,723	27,768	31,027
ERAL	5,443	44,856	4,499	4,216	5,000
NYE	17,519	23,186	28,439	34,623	41,944
PERSHING	3,968	4,023	4,053	4,082	4,107
STOREY	2,052	2,376	2,723	3,097	3,502
WASHOE	264,398	311,227	364,171	423,009	488,567
WHITE PINE	8,727	8,733	8,709	8,687	8,668
TOTALS	1,176,778	1,414,234	1,686,487	1,999,198	2,360,056

PROJECTED POPULATION BY COUNTY
STATE OF NEVADA

ATTACHMENT 3

NOTICE OF PUBLIC MEETING

SENT TO

LEAGUE OF CITIES

LEAGUE OF COUNTIES
SHERIFF'S/POLICE CHIEF'S ASSOCIATION
FIRE CHIEF'S ASSOCIATION
COUNTY MANAGERS
COUNTY SHERIFF'S
CITY POLICE CHIEF'S
FIRE CHIEFS
STATE AGENCIES

ASSOCIATED PUBLIC SAFETY COMMUNICATION OFFICERS, INC.
NORTHERN CALIFORNIA CHAPTER
APCO

RICHARD SHELDREW, COORDINATOR
NEVADA (EXCEPT FIRE)
EMERGENCY MANAGEMENT DIVISION
2525 SOUTH CARSON STREET
CARSON CITY, NEVADA 89710
PHONE (702) 687-4240

February 28, 1988

Dear Public Safety Official:

The Federal Communications Commission in Docket 87-112 issued its final report and order for the development and implementation of a national Public Safety Telecommunications Plan. This plan is in accordance with a congressional mandate to develop interoperability between Local, State and Federal agencies. The FCC in Docket 87-112 has assigned the task of convening regional planning committees to the Associated Public-Safety Communications Officers, Inc. (APCO).

Having been duly certified to the Federal Communications Commission by APCO as the Convenor of an initial meeting of representatives of parties eligible for radio licensing in the FCC's Public Safety and Special Emergency Radio Services to establish a Regional Planning Committee in the State of Nevada, designated as Region 27, as described hereinafter, I hereby give Public Notice that such an initial meeting will be held on March 18 at the Nevada State Legislature, Room 131, beginning at 10:00. This region is one of 48 established by the FCC throughout the United States.

The responsibility of the Region Planning Committee will be to develop a plan for use of the 800 MHz frequencies allocated to the Public Safety Services.

This Public Notice is in accordance with the FCC's Report and Order in General Docket 87-112, adopted by the FCC on November 24, 1987 and released on December 18, 1987.

Copies of both the Report and Order and the Final Report are available from the FCC's duplication contractor, International Transcription Services, Inc., Suite 140, 2100 "M" Street, N.W., Washington, D.C., 20037. Phone (202) 857-3800.

The inadequacies of communications between agencies has been demonstrated in every emergency and/or disaster exercise that has taken place in Nevada. This planning process is designed to overcome the deficiencies of communications systems in Nevada. The participation of your organization is essential in this planning process.

If any questions arise, please contact me at (702) 687-4240.

Sincerely,

Richard Sheldrew, Convenor
Region 27 - State of Nevada
Nevada Division of Emergency Management
2525 South Carson Street
Carson City, NV 89710

ATTACHMENT 4

LIST OF MEMBERS ATTENDING FIRST MEETING

ATTENDANCE ROSTER - FIRST MEETING
CARSON CITY, NEVADA
MARCH 18, 1988

Cheryl Stevens
Henderson Police Dept.
243 Water Ave.
Henderson, NV 89015
Tel: 702/565-2011

Deborah Learn
So. Lake Tahoe PD
P. O. Box 16050
So. Lake Tahoe, CA 95706
Tel: 916/573-2100

Dennis LaCruze, Comm. Supv.
City of Reno, Rm 107
Reno, NV 89501
Tel: 702/785-2282

Frank Wheeler
Police Department
1125 "C" Street
Sparks, NV 89431
Tel: 702/356-2309

G. P. Etecheverry, Dir.
League of Cities
212 N. Fall Street
P. O. Box 2307
Carson City, NV 89702-2307
Tel: 702/882-2121

James A. Wilson
Co. Dept. of Airports
P. O. Box 11005
Las Vegas, NV 89111
Tel: 702/739-5067

James K. McIntosh, Sheriff
Pershing County
P. O. Box 147
Lovelock, NV 89419
Tel: 702/273-2641

Jerry Chisum
Churchill Co. S. O.
73 North Main Street
Fallon, NV 89406
Tel: 702/423-3116

Jerry Paige
Clark Co. Comm.
285 Martin Luther Blvd.
Las Vegas, NV 89106
Tel: 702/455-4541

Jim Allison
Fallon VFD
P. O. Box 861
Fallon, Nv 89406
Tel: 702/423-6521

Joe Shelehela
Las Vegas FD
500 N. Casino Ctr. Dr.
Las Vegas, NV 89100
Tel: 702/383-3002

John McDonald
Nev. Dept. of Trans.
1263 S. Stewart
Carson City, NV 89716
Tel: 702/885-5565

Jose Troncoso
N. Las Vegas PD
1301 E. Lake Mead Blvd
N. Las Vegas, NV 89030
Tel: 702/649-0305

Reid Ross
Public Works Comm.
2621 Northgate Ln.
Carson City, NV 89706
Tel: 702/887-2365

Marvin Carr
Lyon County Fire
18 Hwy 95A, North
Yerington, NV 89447
Tel: 702/463-3204

Nancy Powers
N. Las Vegas Pub. Works
2200 Civic Center Dr.
N. Las Vegas, NV 89030
Tel: 702/649-0268

Paul DeLorey
Tahoe-Douglas FPD
P. O. Box 919
Zephyr Cove, NV 89448
Tel: 702/588-3591

Rex Shelburne, Dep. Chief
Las Vegas Fire/EMS
500 N. Casino Ctr. Dr.
Las Vegas, NV 89100
Tel: 702/383-2888

Richard Sheldrew
Nev. Div. of Emerg. Mgmt.
2525 S. Carson Street
Carson City, NV 89710
Tel: 702/885-4240

Russ Smith, Comm. Sup.
Nev. Div. of Forestry
885 Eastlake Blvd
Carson City, NV 89704
Tel: 702/849-2500

Ted Lienhard
Nev. Dept. of Wildlife
P. O. Box 10678
Reno, NV 89520
Tel: 702/789-0522

William G. Davis
Sheriff's Department
P. O. Box 147
Lovelock, NV 89419
Tel: 702/273-2641

ATTACHMENT 5

NAMES OF COMMITTEE

AND

SUB-REGIONAL CHAIRPERSONS

LIST OF
REGIONAL CONVENOR AND REGION AND SUB-REGIONAL
CHAIRPERSONS

The following individuals were elected at the first general meeting held in Carson City. These individuals, along with others listed below, served as the Working Committee to facilitate the development of the Regional Plan.

WORKING COMMITTEE

CONVENER AND COMMITTEE CHAIRPERSON:

Richard Sheldrew, Communications Engineer
Nevada Division of Emergency Management
2525 South Carson Street
Carson City, NV 89710
Tel: 702/885-4240

SUB-REGIONAL CHAIRPERSONS:

1. Paul Delorey, Batt. Chief
   Tahoe/Douglas Fire Protection Dist.
   P. O. Box 919
   Zephyr Cove, NV 89448
   Tel: 702/588-3591

2. James L. Bagwell, Sheriff
   Humboldt County
   25 West 5th Street
   Winnemucca, NV 89445
   Tel: 702/623-6419

3. Rex Shelburne, Deputy Chief
   Las Vegas City FD and Emerg. Svcs.
   500 Casino Center Boulevard N
   Las Vegas, NV 89101
   Tel: 702/383-2888

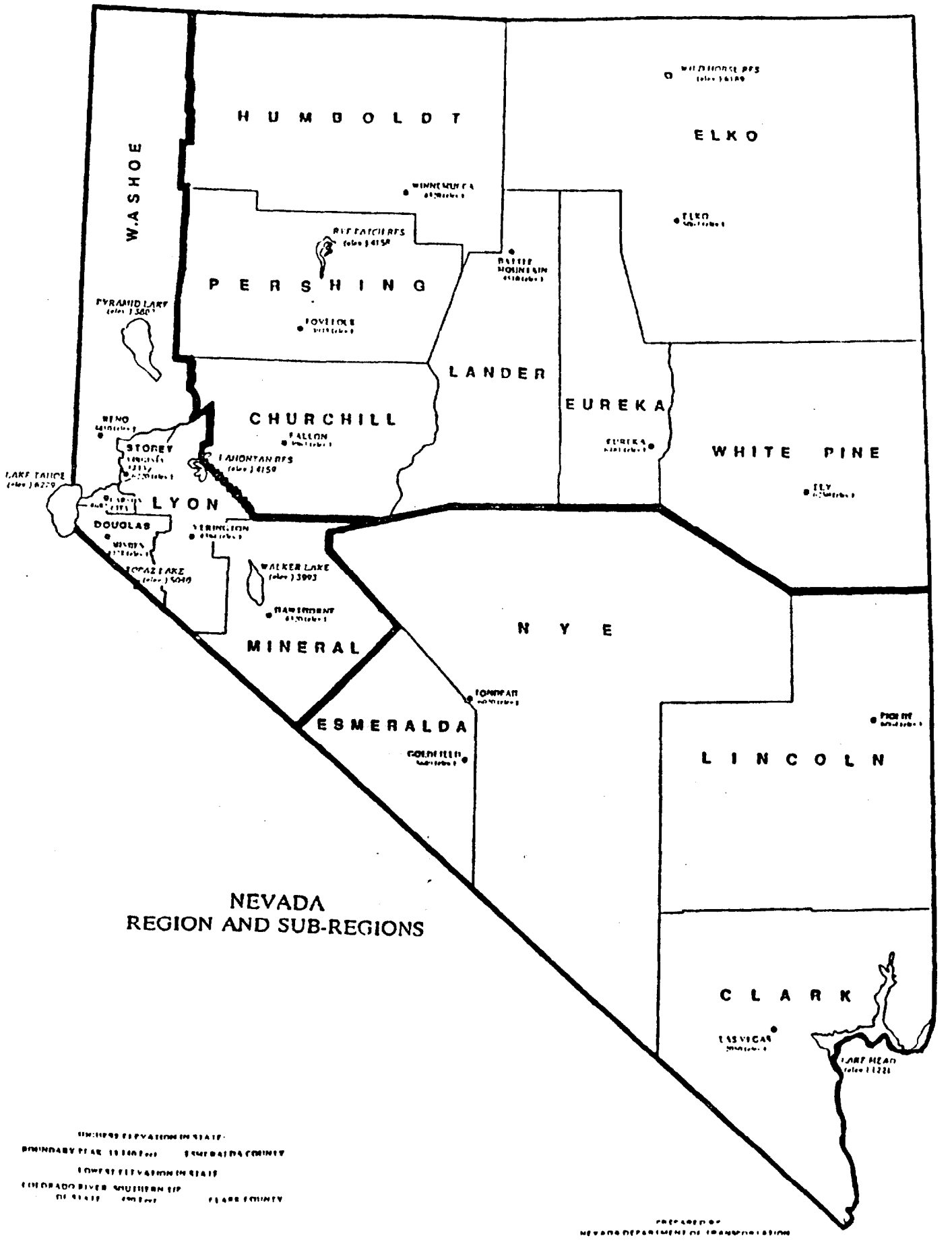
MEMBERS OF WORKING COMMITTEE:

Tom Thompson
Henderson Police Dept.
243 Water Avenue
Henderson, NV 89015
Tel: 702/565-2033

Jerry Campbell
800 MHz Project Engineer
%Nevada Div. of Emerg. Mgmt.
2525 South Carson Street
Carson City, NV 89710
Tel: 702/885-4240
Tel: 714/795-1855

ATTACHMENT 6

MAP OF SUB-REGIONS


HUMBOLDT
ELKO
WASHOE
PERSHING
LANDER
EUREKA
CHURCHILL
WHITE PINE
STOREY
LYON
DOUGLAS
MINERAL
NYE
ESMERALDA
LINCOLN
CLARK
RENO
FALLON
EUREKA
ELY
LAS VEGAS
PYRAMID LAKE
WALKER LAKE
LAKE TAHOE
LAKE MEAD
TONOPAH
GOLDFIELD
PIOCHE
WINNEMUCCA
ELKO
LOVELOCK
FERNLEY
YERINGTON
MINDEN
NEVADA
REGION AND SUB-REGIONS

ATTACHMENT 7

MEMBERSHIP LIST

OF

REGIONAL PLANNING COMMITTEE

MEMBERSHIP LIST
REGIONAL PLANNING COMMITTEE

BOULDER CITY
Alan F. Gove
900 Arizona Street
Boulder City, NV 89005
Tel: 702/293-9200

BOULDER CITY
Robert Sears, Chief
Boulder City FD
Boulder City, NV 89005
Tel: 702/293-9228

BOULDER CITY
Bob Armstrong
Boulder City PD
1005 Arizona Street
Boulder City, NV 89005
Tel: 702/293-9224

CARLIN
Larry Stokes
Carlin Police Department
P. O. Box 693
Carlin, NV 89822
Tel: 702/754-2221

CARLIN
Michael Kranovich
Carlin Police Department
P. O. Box 693
Carlin, NV 89822
Tel: 702/754-2221

CARSON CITY
Daniel O'Brien
Public Works
2621 Northgate Ln.
Carson City, NV 89706
Tel: 702/887-2300

CARSON CITY
Bernard Sease, Chief
Fire Department
111 N. Curry St.
Carson City, NV 89703
Tel: 702/887-2210

CARSON CITY
Greg Biggin
Sheriff's Office
901 E. Musser
Carson City, NV 89701
Tel: 702/887-2003

CARSON CITY
Reid Ross
Public Works Comm.
2621 Northgate Ln.
Carson City, NV 89706
Tel: 702/887-2365

CARSON CITY
Shelia Clement
Emergency Management
901 E. Musser
Carson City, NV 89701
Tel: 702/887-2068

CARSON CITY
Lynn Hamilton
City Manager
2621 Northgate #2
Carson City, NV 89706
Tel: 702/887-2100

CHURCHILL COUNTY
Duane Dimmitt, Sys. Eng.
P.O. Box 1390
50 West Williams Ave
Fallon, NV 89406
Tel: 702/423/7171

CLARK COUNTY
Bob Guevara
LV Valley Water Dist.
3700 W. Charleston
Las Vegas, NV 89153
Tel: 702/870-2011

CLARK COUNTY
Howard Elburtson
Clark Co. Comm.
285 Martin Luther Blvd.
Las Vegas, NV 89106
Tel: 702/45504541

CLARK COUNTY
Richard Quinn
Clark Co. Comm.
285 Martin Luther Blvd.
Las Vegas, NV 89106
Tel: 702/455-4541

CLARK COUNTY
Jim O'Neil
Emergency Management
6665 W. Gary
Las Vegas, NV 89118
Tel: 702/455-8220

CLARK COUNTY
James A. Wilson
Co. Dept. of Airports
P. O. Box 11005
Las Vegas, NV 89111
Tel: 702/739-5067

CLARK COUNTY
P. Anthony Bertowe
Co. Dept. of Airports
P. O. Box 11005
Las Vegas, NV 89111
Tel: 702/739-5621

CLARK COUNTY
Ron Busch
Clark Co. Sanitation
5857 E. Flamingo Rd.
Las Vegas, NV 89122
Tel: 702/458-1180

CLARK CO. METRO PD
Dick McKee
Metro Police Dept.
400 East Stewart Ave.
Las Vegas, NV 89101
Tel: 702/799-3460

CLARK CO. METRO PD
Dick Nendick
Metro PD Communications
400 E. Stewart Ave.
Las Vegas, NV 89101
Tel: 799-3216

CLARK COUNTY
Richard Wiseman
Clark Co. Fire Dept.
707 E. Desert Inn Rd.
Las Vegas, NV 89109
Tel: 702/455-7311

CLARK COUNTY
Ken Ryckman
Clark Co. Emerg. Mgmt.
6665 W. Gary
Las Vegas, NV 89118
Tel: 702/455-8220

CLARK COUNTY
Bob Stewart
Clark Co. Automotive
285 Martin Luther Blvd.
Las Vegas, NV 89106
Tel: 702/455-4541

DOUGLAS COUNTY
Bill Driscoll, Chief
East Fork Fire Dist.
P. O. Box 218
Minden, NV 89423
Tel: 702/782-9040

DOUGLAS COUNTY
Cindy Dutro
Bently Nevada Corp.
P. O. Box 157
Minden, NV 89423
Tel: 702/782-9222

DOUGLAS COUNTY
Sondra Mortimer
County Clerk
P. O. Box
Minden, NV 89423
Tel: 702/782-9023

DOUGLAS COUNTY
Tim Homan
Public Works
P. O. Box 218
Minden, NV 89423
Tel: 702/782-9000

DOUGLAS COUNTY
Ross Clichester
Sheriff's Office
P. O. Box 218
Minden, NV 89423
Tel: 782-9085

DOUGLAS COUNTY
Robert Loveberg
County Emg. Operations
P. O. Box 218
Minden, NV 89423
Tel: 702/782-9000

DOUGLAS COUNTY
Mike Donderoe
U.S. Forest Svc.
1536 S. Carson
Carson City, NV 89701
Tel: 702/882-2766

DOUGLAS COUNTY
Claudette Springmeyer
Auditor
P. O. Box 218
Minden, NV 89423
Tel: 702/782-9097

DOUGLAS COUNTY
Fred Simas
Bureau of Land Mgmt
1101 Beverly Dr.
Carson City, NV 89701
Tel: 702/882-4200

DOUGLAS COUNTY
Bruce Adams
County Manager
P. O. Box 218
Minden, NV 89423
Tel: 782-9821

DOUGLAS COUNTY
Jan Niebulien
Personnel Dir.
P. O. Box 218
Minden, NV 89423
Tel: 702/782-9860

DOUGLAS COUNTY
Linda Slater
Recorder
P. O. Box 218
Minden, NV 89423
Tel: 702/782-9026

DOUGLAS COUNTY
Jim Reinhardt
Nev. Div. of Forestry
885 Eastlake Blvd
Carson City, NV 89704
Tel: 702/849-2500

ELKO
Gordon Forbes, Chief
Elko Police Department
1301 College Ave.
Elko, NV 89801
Tel: 702/738-8477

ELKO
O. P. Cash, Chief
Elko Fire Department
723 Railroad
Elko, NV 89801
Tel: 702/738-3211

ELKO COUNTY
Neil Harris
Undersheriff
775 W. Silver
Elko, NV 89801
Tel: 702/738-7121

ELKO COUNTY
George Boucher
County Manager
Room 106, Courthouse
Elko, NV 89801
Tel: 702/738-5398

ELKO COUNTY
James Miller
Sheriff
775 W. Silver
Elko, NV 89801
Tel: 702/738-7121

ESMERALDA COUNTY
Bob Rogers, Capt.
Sheriff's Department
P. O. Box 508
Goldfield, NV 89013
Tel: 702/485-6373

ESMERALDA COUNTY
Scott T. Reed, Director
Emergency Management
P. O. Box 2702
Silver Peak, NV 89047
Tel: 702/937-2321

EUREKA COUNTY
Ken Jones
Sheriff
P. O. Box 736
Eureka, NV 89316
Tel: 702/237-5330

HENDERSON
Dale Starr, Chief
Henderson Fire Dept.
486 Gibson Rd.
Henderson, NV 89015
Tel: 702/565-2022

HENDERSON
Tom Thompson, Lt.
Henderson Police Dept.
243 Water Ave.
Henderson, NV 89015
Tel: 702/565-2011

HENDERSON
James Goff, Chief
Henderson Police Dept.
243 Water Ave.
Henderson, NV 89015
Tel: 702/565-2003

HENDERSON
Mark T. Calhoun
Henderson Pub. Works
243 Water Ave.
Henderson, NV 89015
Tel: 702/565-2140

HENDERSON
George Price
Henderson Fire Dept.
486 Gibson Rd.
Henderson, NV 89015
Tel: 702/565-2166

HUMBOLDT COUNTY
James Bagwell
Sheriff
25 West 5th Street
Winnemucca, NV 89445
Tel: 702/623-6420

HUMBOLDT COUNTY
Jim Smith, Supvr.
County Road Department
25 West 4th Street
Winnemucca, NV 89445
Tel: 702/623-6415

HUMBOLDT COUNTY
Neil Wright, Chief
Winnemucca Rural FD
422 Baud
Winnemucca, NV 89445
Tel: 702/623-6342

HUMBOLDT COUNTY
Walt Johnstone, Chief
Winnemucca City FD
40 South Bridge
Winnemucca, NV 89445
Tel: 702/623-5400

LANDER COUNTY
Ron Unger
Fire Department
P. O. Box 1625
Battle Mt, NV 89820
Tel: 702/635-2813

LANDER COUNTY
Steve Bishop
Sheriff
P. O. Box 716
Battle Mt, NV 89820
Tel: 702/635-5161

LAS VEGAS
Rex Shelburne, Dep. Chief
Las Vegas FD
500 N. Casino Ctr. Dr.
Las Vegas, NV 89100
Tel: 702/383-2888

LAS VEGAS
Joe Shelehela
Las Vegas FD
500 N. Casino Ctr. Dr.
Las Vegas, NV 89100
Tel: 702/383-3002

LAS VEGAS
Dick Reithel
Las Vegas Comm.
400 E. Stewart Ave.
Las Vegas, NV 89100
Tel: 702/386-6635

LAS VEGAS
Don King
Las Vegas Purchasing
400 E. Stewart Ave
Las Vegas, NV 89100
Tel: 702/383-6400

LINCOLN COUNTY
Gary Nall
State of Nevada
Division of Forestry
Ely, NV 89301
Tel: 702/289-2727

LINCOLN COUNTY
Charles Reifsnyder
Lincoln County
Search and Rescue
Pioche, NV 89043
Tel: 702-962-5854

LINCOLN COUNTY
James Gunn
Co. Communications
Courthouse
Pioche, NV 89043
Tel: 702/962-5151

LINCOLN COUNTY
Margie Gunn
Office of Emg. Mgmt.
Courthouse
Pioche, NV 89043
Tel: 702/962-5151

LINCOLN COUNTY
Larry Stever
Pioche VFD
Pioche, NV 89043
Tel: 702/962-5151

LINCOLN COUNTY
Dahl Bradfield
Sheriff
Courthouse
Pioche, NV 89043
Tel: 702/962-5151

LINCOLN COUNTY
Doug Lamoreaux
Sheriff's Department
P. O. Box 390
Alamo, NV 89001
Tele: 702/725-3645

LINCOLN COUNTY
Stan Depkiewicz
Caliente Police Dept.
P. O. Box 323
Caliente, NV 89008
Tel: 702/726-3111

LINCOLN COUNTY
Bill Lynch
Lincoln County
Power District
Pioche, NV 89043
Tel: 702/962-5122

LINCOLN COUNTY
Steven Heiselbetz
County Schools and
Panaca VFD
Panaca, NV 89042
Tel: 702/728-4526

LINCOLN COUNTY
Marshal Davis
Pahranagat Vly VFD
P. O. Box 341
Alamo, NV 90001
Tel: 702/725-3662

LYON COUNTY
Marvin Carr, Chief
Lyon County Fire
18 Hwy 95A, North
Yerington, NV 89447
Tel: 702/463-3204

MINERAL COUNTY
George Guth, Sr.
County Road Department
P. O. Box 598
Hawthorne, NV 89415
Tel: 702/945-3498

MINERAL COUNTY
John Madraso, Jr.
Sheriff
P. O. Box 778
Hawthorne, NV 89415
Tel: 702/945-2434

MINERAL COUNTY
Frank St Clair
County Fire Department
P. O. Box 1095
Hawthorne, NV 89415
Tel: 702/945-2497

MINERAL COUNTY
Phil Cammarata
Hawthorne VFD
P. O. Box 54
Hawthorne, NV 89415
Tel: 702/945-3868

MINERAL COUNTY
Jerry Martin
Sheriff's Department
P. O. Box 778
Hawthorne, NV 89415
Tel: 702/945-2434

MINERAL COUNTY
C. J. Goodyear
County Road Department
P. O. Box 598
Hawthorne, NV 89415
Tel: 702/945-3498

MINERAL COUNTY
Bill Johnson
County Emg. Management
P. O. Box 1026
Hawthorne, NV 89415
Tel: 702/945-2484

NEV DEPT OF WILDLIFE
Ted Lienhard
Communications
P. O. Box 10678
Reno, NV 89520
Tel: 702/789-0522

NEV DEPT OF WILDLIFE
Rob Buonamici
P. O. Box 10678
Reno, NV 89520
Tel: 702/789-0522

NEV DIV OF HWY PTRL
Don Hammock
555 Wright Way
Carson City, NV 89711
Tel: 702/885-3317

NEV DIV OF FORESTRY
Russ Smith
Comm. Supervisor
885 Eastlake Blvd
Carson City, NV 89704
Tel: 702/849-2500

NEV DEPT OF TRANS
Jim Dodson, Asst Dir.
1263 S. Stewart
Carson City, NV 89716
Tel: 702/885-5440

NEV DIV OF FORESTRY
Roy Trenoweth
Deputy State Forester
2015 Fall Street
Carson City, NV 89710
Tel: 702/885-4350

NEV DIV OF HWY PTRL
Bill Yukish, Chief
555 Wright Way
Carson City, NV 89711
Tel: 702/885-3324

NEV DIV OF HWY PTRL
Ray Sparks
555 Wright Way
Carson City, NV 89711
Tel: 702/885-5310

NEV DIV OF HWY PTRL
Gene Oakley
555 Wright Way
Carson City, NV 89711
Tel: 702/885-5125

NEV DIV OF HWY PTRL
Robert Dickerson
305 Galletti Way
Reno, NV 89512
Tel: 702/789-0200

NEV DEPT OF TRANS
James E. Cress
P. O. Box 111
Elko, NV 89801
Tel: 702/738-7284

NEV DEPT OF TRANS
Gene Weight
P. O. Box 170
Las Vegas, NV 89125-170
Tel: 702/385-6500

NEV DEPT OF TRANS.
John McDonald
1263 S. Stewart
Carson City, NV 89716
Tel: 702/885-5565

NEV DIV OF PARKS
Gene Sherwood
4747 Vegas Drive
Las Vegas, NV 89108
Tel: 702/4186-5120

NORTH LAS VEGAS
Myron Kimball
N. Las Vegas FD
2626 E. Carey Avenue
N. Las Vegas, NV 89030
Tel: 702/642-2708

NORTH LAS VEGAS
Jose Troncoso, PD
1301 E. Lake Mead Blvd
N. Las Vegas, NV 89030
Tel: 702/649-0305

NORTH LAS VEGAS
Linda Harris, Finance
2200 Civic Center Dr.
N. Las Vegas, NV 89030
Tel: 702/649-0218

NORTH LAS VEGAS
Ray Burke, Pub. Works
2200 Civic Center Dr.
N. Las Vegas, NV 89030
Tel: 702/642-2462

NORTH LAS VEGAS
Harlan Enlow, Marshal's Ofc.
1928 N. Bruce
N. Las Vegas, NV 89030
Tel: 702/649-0339

NORTH LAS VEGAS
Nancy Powers
2200 Civic Center Dr.
N. Las Vegas, NV 89030
Tel: 702/649-0268

NORTH LAS VEGAS
Alan Nelson
1301 E. Lake Mead Blvd
N. Las Vegas, NV 89030
Tel: 702/649-0380

NORTH LAS VEGAS
Robert Holm
100 E. Brooks
N. Las Vegas, NV 89030
Tel: 702/642-4772

NORTH LAS VEGAS
Roger Condie
2200 Civic Center Dr.
N. Las Vegas, NV 89030
Tel: 702/649-0239

NORTH LAS VEGAS
Larry K. McCutchen, Utilites
3120 Losee Road
N. Las Vegas, NV 89030
Tel: 702/642-3150

NORTH LAS VEGAS
Eric Dabney, Parks & Rec.
324 E. Brooks
N. Las Vegas, NV 89030
Tel: 702/642-6294

NYE COUNTY
George Gumbman, Capt
Sheriff's Department
Tonopah, NV 89049
Tel: 702/482-6462

NYE COUNTY
Sam Jeffery, Chief
Tonopah Fire Department
P. O. Box 1128
Tonopah, NV 89049
Tel: 702/482-3926

PERSHING COUNTY
Glenn E. Rose
Lovelock Fire Dept.
P. O. Box 336
Lovelock, NV 89419
Tel: 702/2273-2423

PERSHING COUNTY
James K. McIntosh, Sheriff
P. O. Box 147
Lovelock, NV 89419
Tel: 702/273-2641

PERSHING COUNTY
Wm G. Davis, Sheriffs Dept
P. O. Box 147
Lovelock, NV 89419
Tel: 702/273-2641

PERSHING COUNTY
Bernard E. Schneider
Lovelock Police Dept.
P. O. Box 1100
Lovelock, NV 89419
Tel: 702/273-2256

RENO
Dennis LaCruze
City of Reno, Rm 107
Reno, NV 89501
Tel: 702/785-2282

SPARKS
Ken Updike
City Hall
Sparks, NV 89431
Tel: 702/356-2271

SPARKS
Ron Irwin
Fire Department
1605 "B" Street
Sparks, NV 89431
Tel: 702/356-2257

SPARKS
Frank Rothwell
431 Prater
Sparks, NV 89431
Tel: 702/356-2325

SPARKS
Rich Bareuther
City Hall
Sparks, NV 89431
Tel: 702/356-2315

SPARKS
Frank Wheller
Police Department
1125 "C" Street
Sparks, NV 89431
Tel: 702/356-2309

SPARKS
Tony Zamboni
Police Department
1125 "C" Street
Sparks, NV 89431
Tel: 702/356-2220

WASHOE COUNTY
Bernard Dehl, Chief Deputy
Sheriff's Department
911 Parr Blvd.
Reno, NV 89512-1000
Tel: 702/328-3006

WASHOE COUNTY
Ed Lightner
Sheriff's Department
911 Parr Blvd.
Reno, NV 89512-1000
Tel: 702/328-3016

WASHOE COUNTY
Ray Wright
Sheriff's Department
911 Parr Blvd.
Reno, NV 89512-1000
Tel: 702/328-3306

WASHOE COUNTY
Jim Lincionni
Communications
3031 Longley Lane
Reno, NV 89505
Tel: 702/328-2130

WASHOE COUNTY
Rick Kajans
Truckee-Meadows FPD
10 Kirman Ave
Reno, NV 89502
Tel: 702/785-4322

WHITE PINE COUNTY
Neil Greenwell
McGill VFD
P. O. Box 1317
McGill, NV 89310
Tel: 702/235-7813

WHITE PINE COUNTY
John G. Smith
White Pine Emg. Posse
P. O. Box 41
Ely, NV 89301
Tel: 702/289-2627

WHITE PINE COUNTY
Ron Pekuri
McGill VFD
P. O. Box 1317
McGill, NV 89310
Tel: 702/235-7255

WHITE PINE COUNTY
Bernie Romero
Sheriff
P. O. Box 870
Ely, NV 89301
Tel: 702/289-8808

WHITE PINE COUNTY
Jack Cummings
City of Ely
Fire Department
Ely, NV 89301
Tel: 702/289-6633

WHITE PINE COUNTY
Martin J. Arenson
Ruth Fire Department
Ruth, NV 89319
Tel:702/289-8678

SPARKS
Rich Bareuther
City Hall
Sparks, NV 89431
Tel: 702/356-2315

SPARKS
Frank Wheller
Police Department
1125 "C" Street
Sparks, NV 89431
Tel: 702/356-2309

SPARKS
Tony Zamboni
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Tel: 702/328-3016

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Sheriff
P. O. Box 870
Ely, NV 89301
Tel: 702/289-8808

WHITE PINE COUNTY
Jack Cummings
City of Ely
Fire Department
Ely, NV 89301
Tel: 702/289-6633

WHITE PINE COUNTY
Martin J. Arenson
Ruth Fire Department
Ruth, NV 89319
Tel:702/289-8678

ATTACHMENT 8

EXISTING

STATE INTERAGENCY COMMUNICATIONS

FREQUENCY LIST

NEVADA

EXISTING INTERAGENCY FREQUENCIES

STATE 1	154.280 MHZ	FIRE (SAME AS CA WHITE FIRE #1)
STATE 2	154.265 MHZ	FIRE (SAME AS CA WHITE FIRE #2)
STATE 3	154.295 MHZ	FIRE (SAME AS CA WHITE FIRE #3)
STATE 4	155.145 MHZ	DIV OF EMERGENCY MGMT (SIMPLEX)
STATE 5	155.715 MHZ	DIV OF EMGERGENCY MGMT (NOTE 1)
STATE 6	155.475 MHZ	FEDERAL LAW ENFORCEMENT
STATE 7	155.655 MHZ	STATE LAW ENFORCEMENT
STATE 8	155.160 MHZ	STATE SEARCH AND RESCUE
STATE 9	156.075 MHZ	STATE INCIDENT COMMAND
STATE 10	UHF	(FUTURE ASSIGNMENT)
STATE 11	UHF	(FUTURE ASSIGNMENT)

NOTE 1. State 5 is a repeater control frequency paired with State 4. Usage of repeater system is limited to administrative personnel.

NOTE 2. All channels are simplex carrier squelch

ATTACHMENT 9

APPROVALS OF ADJACENT REGIONS

REGION 3 - ARIZONA

REGION 5 - SOUTHERN CALIFORNIA

REGION 6 - NORTHERN CALIFORNIA

REGION 12 - IDAHO

REGION 35 - OREGON

REGION 41 - UTAH

STATE OF NEVADA
REGION 27

800 MHz Federal Communications Plan

November 19, 1991

Bob Frey
City of Tempe
Senior Comm Engineer
P.O. Box 5002
Tempe, Arizona 85281-8836

Dear Mr. Chairman:

Enclosed is the revised Region 27 Plan for the State of Nevada. It is requested that your Region review its contents and provide comments as required.

The frequencies listed in Section 2, Channeling Plan have been packed by APCO. According to APCO, this packing takes into consideration channels that have already been assigned in adjacent regions.

If your region determines that this plan is acceptable in both content, and in its frequency allocation tables, it is requested that this letter be signed below and returned to Richard Sheldrew, Chairman of Region 27. **It is requested that either comment or concurrence be accomplished no later than December 20, 1991.**

Thank you for your assistance in this review process.

Sincerely,

Richard Sheldrew

Richard A. Sheldrew
Chairman 800 MHz Committee
Region 27

Region 3 has reviewed the Region 27 800 MHz Plan for Nevada. This concurrence and review satisfies adjacent state coordination requirements of FCC Docket 87-112 in conjunction with Region 27.

Date 12/16/91

Bob Frey
Chairman for Region 3

STATE OF NEVADA
REGION 27

800 MHz Federal Communications Plan

November 19, 1991

Garrett Mayer
Regional Plan Update Comm
Los Angeles County Facilities Mgt
1110 N Eastern Avenue
Los Angeles, California 90063

Dear Mr. Chairman:

Enclosed is the revised Region 27 Plan for the State of Nevada. It is requested that your Region review its contents and provide comments as required.

The frequencies listed in Section 2, Channeling Plan have been packed by APCO. According to APCO, this packing takes into consideration channels that have already been assigned in adjacent regions.

If your region determines that this plan is acceptable in both content, and in its frequency allocation tables, it is requested that this letter be signed below and returned to Richard Sheldrew, Chairman of Region 27. **It is requested that either comment or concurrence be accomplished no later than December 20, 1991.**

Thank you for your assistance in this review process.

Sincerely,

Richard Sheldrew

Richard A. Sheldrew
Chairman 800 MHz Committee
Region 27

Region 5 has reviewed the Region 27 800 MHz Plan for Nevada. This concurrence and review satisfies adjacent state coordination requirements of FCC Docket 87-112 in conjunction with Region 27.
Subject to Attached Changes to Frequency Allocations.

David Buhamm for

Date 12-23-91

Garrett Mayer
Chairman for Region 5

OFFICE OF MANAGEMENT SERVICES

COUNTY OF SAN BERNARDINO
COUNTY ADMINISTRATIVE OFFICE

☐ 670 E. Gilbert St., First Floor • San Bernardino, CA 92415-0915 • (714) 387-8316
☐ 0. Arrowhead Ave., Ste. 110 • San Bernardino, CA 92415-0021 • (714) 387-7626
☐ Communications Division • 777 E. Rialto Ave. • San Bernardino, CA 92415-0740 • (714) 387-2010
☐ Communications Dispatch Center • 1771 W. Miro Way • Rialto, CA 92376 • (714) 356-3805
☐ Communications Operations Center • 1743 W. Miro Way • Rialto, CA 92376 • (714) 829-7903

MARLAND J. HOWARD
Assistant Administrative Officer
Director of Information Systems and Communications

W. NICK KOLLER
Assistant Director of Information Systems and Communications

January 6, 1992

Richard A. Sheldrew
Nevada Division of Emergency Management
2525 S. Carson Street
Carson City, NV 89710

Dear Richard,

Congratulations on your Regional Plan. It is well thought out and put together. As we discussed by phone December 23, 1991, there are conflicts with four frequency assignments and prior Southern California assignments. The following frequencies conflict:

1. Channel 791 Potosi Mtn - Adjacent to California Statewide Mutual Aid Frequency.

2. Channel 793 Christmas Tree - Adjacent to California Statewide Mutual Aid Frequency.

3. Channel 818 Christmas Tree - Co Channels to County of San Bernardino used for Mobile Data.

4. Channel 803 Oatman - Co Channel to County of San Bernardino used for Mobile Data.

Any questions please call me at 714 387-2007.

Sincerely,

Dave Buchanan
Chief Telecommunications Engineer
OMS/Communications Division

DB/pf

cc: Garrett Mayer

STATE OF NEVADA
REGION 27

800 MHz Federal Communications Plan

November 19, 1991

Art McDole
333 Tappadero Street
Salinas, California 93906

Dear Mr. Chairman:

Enclosed is the revised Region 27 Plan for the State of Nevada. It is requested that your Region review its contents and provide comments as required.

The frequencies listed in Section 2, Channeling Plan have been packed by APCO. According to APCO, this packing takes into consideration channels that have already been assigned in adjacent regions.

If your region determines that this plan is acceptable in both content, and in its frequency allocation tables, it is requested that this letter be signed below and returned to Richard Sheldrew, Chairman of Region 27. **It is requested that either comment or concurrence be accomplished no later than December 20, 1991.**

Thank you for your assistance in this review process.

Sincerely,

Richard A. Sheldrew
Chairman 800 MHz Committee
Region 27

Region 6 has reviewed the Region 27 800 MHz Plan for Nevada. This concurrence and review satisfies adjacent state coordination requirements of FCC Docket 87-112 in conjunction with Region 27.

Art McDole

Art McDole
Chairman for Region 6

Date_____

Associated Public - Safety Communication Officers, Inc.
NORTHERN CALIFORNIA CHAPTER

ART McDOLE
FREQUENCY COORDINATOR
P.O. BOX 2154 • SALINAS, CA 93902
408-422-9981

It's a privilege to belong to
APCO

To: Richard A. Sheldrew, Chairman 800 MHz Committee, Region 27

From: Art McDole, Chairman 800 MHz Committee, Region 6

Subject: Approval of Region 27 Plan

I have carefully reviewed the Plan as requested. Although I am returning our signed concurrence, I am also writing this letter to inform you of our concerns.

We are mutually aware of the problems presently caused by the high mountain top sites in both states near the California-Nevada border. Your Plan envisions using many of these sites, with multiple channels at each site. A careful review of the sites, their projected coverage and the proposed channels indicate a number of potential conflicts with certain channels allotted to California counties which are adjacent to the Nevada border. However, in spite of these conflicts, I believe the Plan is viable.

At this time there are no formal requests for 800 MHz channels from the affected California counties. The channels were allotted, for potential future use, not specifically assigned. It is my understanding that for the most part the same situation exists in Nevada. The Sierra Nevada range of mountains, extending to over 14,000 feet in altitude provides an effective barrier to many of the signals coming from the Nevada side. Thus, when funding is obtained and systems for these areas are actually planned, it will be possible to rearrange those channels which have a potential for conflict. This could occur in the Region 27 or the Region 6 Plan, or both, as appropriate. Due to the uncertain time element for implementation, I believe it is just as well to wait, rather than to make any attempt to rearrange at this time.

This letter should be included in your final submittal to the Commission in order that both Region 27 and Region 6 remain aware of the necessity for maintaining close coordination in the assignment of high level sites within 50 to 75 miles of the California/Nevada border. On behalf of Region 6 I can assure you this will take place in our assignments.

Art McDole

Art McDole, Chairman, Region 6

STATE OF NEVADA
REGION 27

800 MHz Federal Communications Plan

November 19, 1991

Stan Passey
State of Idaho
Bureau of Commn
State House Mail
Boise, Idaho 83720

Dear Mr. Chairman:

Enclosed is the revised Region 27 Plan for the State of Nevada. It is requested that your Region review its contents and provide comments as required.

The frequencies listed in Section 2, Channeling Plan have been packed by APCO. According to APCO, this packing takes into consideration channels that have already been assigned in adjacent regions.

If your region determines that this plan is acceptable in both content, and in its frequency allocation tables, it is requested that this letter be signed below and returned to Richard Sheldrew, Chairman of Region 27. **It is requested that either comment or concurrence be accomplished no later than December 20, 1991.**

Thank you for your assistance in this review process.

Sincerely,

Richard A Sheldrew

Richard A. Sheldrew
Chairman 800 MHz Committee
Region 27

Region 12 has reviewed the Region 27 800 MHz Plan for Nevada. This concurrence and review satisfies adjacent state coordination requirements of FCC Docket 87-112 in conjunction with Region 27.

Stan Passey

Date 3-31-92

Stan Passey
Chairman for Region 12

STATE OF NEVADA
REGION 27

800 MHz Federal Communications Plan

November 19, 1991

Bob O'Brien
1130 SW 17 Avenue
Portland, Oregon 97205

Dear Mr. Chairman:

Enclosed is the revised Region 27 Plan for the State of Nevada. It is requested that your Region review its contents and provide comments as required.

The frequencies listed in Section 2, Channeling Plan have been packed by APCO. According to APCO, this packing takes into consideration channels that have already been assigned in adjacent regions.

If your region determines that this plan is acceptable in both content, and in its frequency allocation tables, it is requested that this letter be signed below and returned to Richard Sheldrew, Chairman of Region 27. **It is requested that either comment or concurrence be accomplished no later than December 20, 1991.**

Thank you for your assistance in this review process.

Sincerely,

Richard A. Sheldrew
Chairman 800 MHz Committee
Region 27

Region 35 has reviewed the Region 27 800 MHz Plan for Nevada. This concurrence and review satisfies adjacent state coordination requirements of FCC Docket 87-112 in conjunction with Region 27.

Robert C O'Brien Date 12-11-91
Bob O'Brien
Chairman for Region 35

CITY OF
PORTLAND, OREGON
BUREAU OF GENERAL SERVICES

J.E. Bud Clark, Mayor
David O. Kish, Director
1120 S.W. 5th Ave., Rm. 1204
Portland, Oregon 97204-1972
(503) 796-5252
FAX (503) 796-6924

December 11, 1991

Mr. Richard Sheldrew, Communications Engineer
Nevada Division of Emergency Management
2525 South Carson St.
Carson City, Nevada, 89710

Dear Mr. Sheldrew,

Region 35 has reviewed the Region 27 plan and we have only one concern. That concern is your Blue Mt. location which is in the State of Oregon. Although it is in an area that is lightly populated it is a very high site. We are requesting that this site be flagged in some manner in your Regional Review Committee files so that special design care will be taken to ensure that all energy generated from that site be directed south into Nevada.

I have enclosed a copy of the Region 35 plan for your informal review. We have two steps to complete before we are where you are now. One is the circulation to the Region 35 Part 90 users and then circulation to the adjoining regions. This should be complete sometime in February.

Good luck on your plan!

Very truly yours,

Robert E. O'Brien, Chairman
Region 35 NPSPAC

Attachment.

STATE OF NEVADA
REGION 27

800 MHz Federal Communications Plan

November 19, 1991

Steve Proctor
Utah Department of Public Safety
4501 South 2700 West
Salt Lake City, Utah 84119

Dear Mr. Chairman:

Enclosed is the revised Region 27 Plan for the State of Nevada. It is requested that your Region review its contents and provide comments as required.

The frequencies listed in Section 2, Channeling Plan have been packed by APCO. According to APCO, this packing takes into consideration channels that have already been assigned in adjacent regions.

If your region determines that this plan is acceptable in both content, and in its frequency allocation tables, it is requested that this letter be signed below and returned to Richard Sheldrew, Chairman of Region 27. **It is requested that either comment or concurrence be accomplished no later than December 20, 1991.**

Thank you for your assistance in this review process.

Sincerely,

Richard Sheldrew

Richard A. Sheldrew
Chairman 800 MHz Committee
Region 27

Region 41 has reviewed the Region 27 800 MHz Plan for Nevada. This concurrence and review satisfies adjacent state coordination requirements of FCC Docket 87-112 in conjunction with Region 27.

Steve Proctor

Date 1/2/92

Steve Proctor
Chairman for Region 41

State of Utah
Department of Administrative Services

Norman H. Bangerter
Governor
Alice Shearer
Executive Director
G. Steven Grimshaw
Division Director

Division of Information Technology Services
5000 State Office Building
Salt Lake City, Utah 84114
(801) 538-3833

December 19, 1991

Richard Sheldrew
State of Nevada
Division of Emergency Management
2525 South Carson Street
Carson City, NV 89710

Dear Richard:

Attached is our concurrence with your 800 Megaherz plan for Region 27, comprised of the State of Nevada. Please be advised that this plan is acceptable to Region 41, which comprises the State of Utah.

We congratulate you for the completion of your plan, and look forward to it's approval through the Federal Communications Commission. Should you have any questions, please feel free to call me.

Sincerely,

Steven Proctor, Manager
Telecommunication Services

enc

erc

SUPPLEMENTARY

FEDERAL COMMUNICATIONS COMMISSION

REGION 27

SUPPLEMENTARY INFORMATION
SUPPORT DOCUMENTATION

800 Mhz

COMMUNICATION PLAN

CONTENTS

1. SCOPE

The purpose of this document is to provide support data pertaining to two-way radio systems used by State and local governments in the State of Nevada.

This data is currently being used to support the Federal Communications Region 27 Planning effort as well as providing support data for engineering design efforts of new telecommunications systems.

This supplemental document provides the following information:

1. Section 1 provides a listing of high level 2-way radio mountain tops used by State and local governments. An alphanumeric listing which corresponds to a graphical map provides site names, coordinates, elevations, and approximate location.

2. Section 2 provides a listing of State and local government equipment inventories showing numbers of base stations, mobile relays, mobiles and portables. This is shown by State, County, City, and department name.

3. Section 3 provides information of interoperability requirements of Nevada State and local governments. Included in this section are also requirements of interoperability with Federal agencies.

SECTION 1

STATE AND LOCAL GOVERNMENT

MOUNTAIN TOP COMMUNICATION SITES

Region 27
State of Nevada

TABLE 1

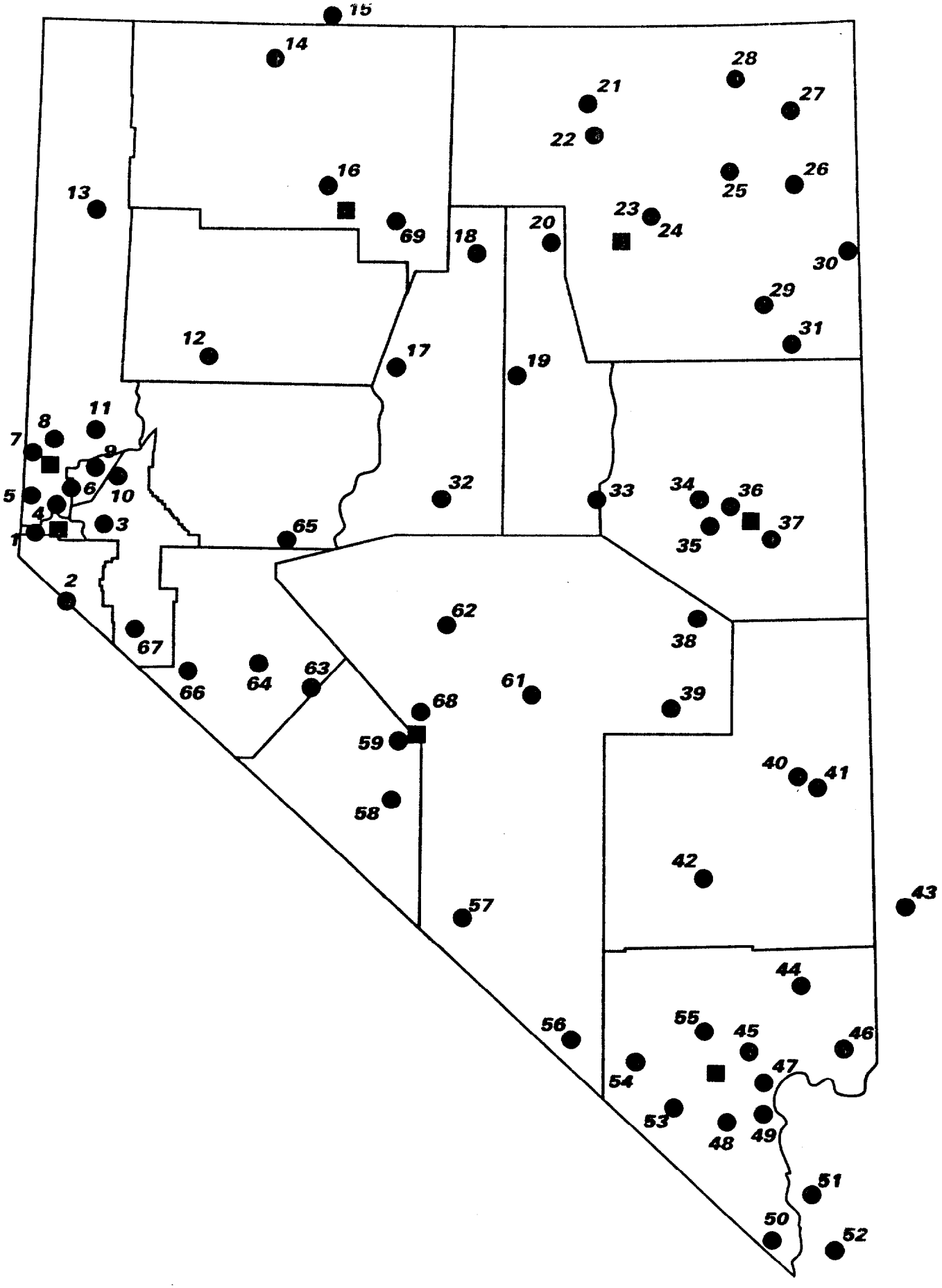
STATE OF NEVADA
MOUNTAIN TOP COMMUNICATION SITES

February 24, 1992

NUMBER	LOCATION	COORDINATES		ALT.	SERV.AREA MILES RADIUS	NUMBER OF CHANNELS
1.	Snow Valley Pk.	39-09-15	119-52-55	9214'		
2.	Topaz	38-43-20	119-35-17	6012'		
3.	Pine Nut Mtn.	39-11-50	119-29-23	8120'		
4.	McClellan Pk.	39-15-43	119-42-15	7440'		
5.	Slide Mtn.	39-18-47	119-53-00	9664'		
6.	Mt. Davidson	39-20-00	119-40-00	7850'		
7.	Peavine Mtn.	39-35-10	119-56-00	8266'		
8.	Red Peak	39-35-03	119-47-51	5463'		
9.	Eagle Ridge	39-29-03	119-18-01	6906'		
10.	Eagle Mt.	39-32-26	119-29-47	6614'		
11.	Virginia Peak	39-44-55	119-28-50	8200'		
12.	Toulon Peak	40-07-05	118-43-39	6834'		
13.	Fox Mtn.	41-01-27	119-33-28	8222'		
14.	Trident Pk	41-53-13	118-34-33	8393		
15.	Blue	42-19-15	117-47-30	7420'		
16.	Winnemucca Mtn.	41-00-40	117-46-03	6600'		
17.	Mt. Moses	40-11-40	117-24-40	8420'		
18.	Stoney Pt.	40-42-45	116-49-41	6960'		
19.	Mt. Tenabo	40-09-30	116-34-00	8920'		
20.	Mary's Mtn.	40-43-07	116-16-06	7600'		
21.	Pennsylvania Mtn.	41-44-07	116-03-45	9105'		
22.	Jack's Peak	41-29-11	116-00-20	10198'		

23.	Adobe Summit	40-54-55	115-49-09	6620'
24.	Elko Mtn.	40-53-40	115-37-45	7505'
25.	Turner Station	_____	_____	____
26.	Rocky Mtn.	41-07-18	114-34-04	8256'
27.	Knoll Mtn.	41-37-54	114-37-37	8758'
28.	L & D Mtn.	41-47-07	114-49-58	8699'
29.	Spruce Mtn.	40-33-13	114-49-03	10262'
30.	3 Mi. Hill	40-44-47	114-06-16	4942'
31.	Bald Pk.	40-19-51	114-33-36	8050'
32.	Austin Mtn.	39-27-13	117-03-13	8400'
33.	Prospect Pk.	39-26-59	115-59-04	9578'
34.	Kimberly	38-18-48	115-05-24	9200'
35.	Rib Hill	39-14-39	115-00-00	7500'
36.	Squaw Pk.	39-16-03	114-53-36	7890'
37.	Cave Mtn.	39-09-49	114-36-51	10755'
38.	Currant Summit	38-49-07	115-17-23	
39.	Timber	38-22-19	115-29-38	7422'
40.	Highland Peak	37-53-38	114-34-40	9395'
41.	Treasure Hill	37-55-16	114-26-56	6550'
42.	Alamo	37-20-21	115-15-33	6205'
43.	Beaver Dam	37-09-18	113-52-54	7746'
44.	Mormon Mesa	36-41-42	114-31-00	2200'
45.	Apex Mtn.	36-20-02	114-58-27	3360'
46.	Virgin Peak	36-36-36	114-8-14	6500'
47.	Sunrise	36-10-47	114-59-51	4050'
48.	Black Mtn.	36-00-30	115-00-20	3370
49.	Red Mtn.	35-59-45	114-51-44	3400'

50.	Christmas Tree	35-15-00	114-44-34	4850'
51.	Mt. Perkins	35-33-46	113-30-42	4950'
52.	Oatman	35-02-09	114-22-14	2100'
53.	Potosi Mtn.	35-53-33	115-29-39	6210'
54.	Angel Peak	36-19-08	115-34-24	8847'
55.	Gass Peak	36-24-00	115-11-00	6943'
56.	Johnnie	36-27-41	116-03-27	4384'
57.	Sober Peak	37-00-34	116-42-29	4941'
58.	Montezuma Mtn.	37-42-03	117-22-59	7795'
59.	Mt. Brock	38-03-06	117-13-20	7102'
60.	Booker	38-13-00	117-03-70	6935'
61.	Warm Springs	38-11-31	116-25-03	7600'
62.	Shoshone(Round Mt.)	38-39-30	117-00-15	9605'
62.	Round Mtn.	38-39-30	117-00-15	9605'
63.	Pilot Peak	38-20-35	117-58-22	9187'
64.	Kinkaid	38-30-05	118-26-35	5240
65.	Fairview	39-47-11	118-58-12	5365
66.	T. V. Hill	38-27-26	118-45-49	10262'
67.	Pine Grove	38-38-25	119-9-11	8631
68.	_____	_____	_____	____
69.	Golconda	40-56-24	117-23-36	5450'
70.	Palametto	37-20-28	117-30-04	8860
71.	Mustang	37-53-27	118-18-16	10,225
72.	Blue Dick	37-30-22	117-35-24	9,285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SECTION 2

2-WAY RADIO EQUIPMENT INVENTORIES

Region 27
State of Nevada

STATE EQUIPMENT LOADING

GRAND TOTAL

STATE - STATEWIDE

AGENCY	BASE	M/R	MOB	PORT	MOB/PORT
NDF	39	21	177	174	351
DOT	45	38	960	137	1097
NHP (265 VHF PORTS)	49	0	779	0	779
DOW	24	19	225	80	305
PARKS	23	3	84	71	155
PRISONS	7	3	80	270	350
UNR	1	0	8	22	30
UNLV					0
TAXI AUTH	2	0	12	2	14
DEM	5	2	6	59	65
EMS	16	27	3	0	3
LEG. SECURITY	1	0	0	9	9
FIRE MARSH	0	0	1	0	1
GAMING BOARD					0
CAPITOL POLICE					0
PAROLE/PROB					0
PUB SVC COM'SN	0	0	9	0	9
GOV. OFFICE					0
GRAND TOTALS	212	113	2344	824	3168

GRAND TOTAL

STATE - STATEWIDE

	BASE	M/R	MOB	PORT
GRAND TOTALS	212	113	2344	824

B. SYSTEM INFORMATION

LOCATION: Nevada Division of Forestry

AGENCY	BASE	M/R	MOB	PORT
Div. of Forestry	39	21		
-Humboldt Honor Cmp			14	14
-Lincoln Honor Cmp			13	13
-White Pine Hnr Cmp			15	15
-Eureka			1	1
-Elko			35	35
-Indian Springs			9	9
-Jean			9	9
-Las Vegas			3	3
-Kyle			4	4
-Ridgeview			2	2
-Doug. Airport			5	2
-Nachs Valley			2	2
-Carson City			23	23
-Washoe co			23	23
-Storey Co			1	1
-Seasonal			18	18
TOTALS	39	21	177	174

B. SYSTEM INFORMATION

LOCATION: Nevada Department of Transportation

AGENCY	BASE	M/R	MOB	PORT
District 1				
- Las Vegas	8	7	310	20
- Tonopah	7	6	76	10
District 2				
- Reno	13	10	250	30
District 3				
- Elko	9	7	107	15
- Ely	4	5	77	6
- Winnemucca	4	3	70	6
Statewide, General			70	50
TOTALS	45	38	960	137

B. SYSTEM INFORMATION

LOCATION: Nevada Division of Highway Patrol

AGENCY	BASE	M/R	MOB	PORT
Highway Patrol	49			
- Las Vegas			144	
- Reno			157	
- Elko			58	
NHP (Other)				
Carson Dispatch				
- State			170	
- Federal			29	
Elko Dispatch				
- State			21	
- County			22	
- Federal			1	
Las Vegas Dispatch				
- State			105	
- County			8	
- Federal			28	
Reno Area Other				
- Co. Sheriffs			15	
- DOT			7	
- Co. Ambulances			14	
Portables (265 VHF)				
TOTALS	49	0	779	0

B. SYSTEM INFORMATION

LOCATION: Nevada Department of Wildlife

AGENCY	BASE	M/R	MOB	PORT
Dept. of Wildlife	24	19	225	80
TOTALS	24	19	225	80

B. SYSTEM INFORMATION

LOCATION: Nevada Department of Wildlife

AGENCY	BASE	M/R	MOB	PORT
Dept. of Wildlife	24	19	225	80
TOTALS	24	19	225	80

B. SYSTEM INFORMATION

LOCATION: Nevada Division of Parks

AGENCY	BASE	M/R	MOB	PORT
Div. of Parks	23	3	84	71
TOTALS	23	3	84	71

B. SYSTEM INFORMATION

LOCATION: Department of Prisons

AGENCY	BASE	M/R	MOB	PORT
DOP (Statewide)			80	270
- Carson	3	1		
- Ely	2	1		
- So. Nevada	2	1		
TOTALS	7	3	80	270

B. SYSTEM INFORMATION

LOCATION: University of Nev (Reno/Las Vegas)

AGENCY	BASE	M/R	MOB	PORT
Reno	1		8	22
Las Vegas				
TOTALS	1	0	8	22

B. SYSTEM INFORMATION

LOCATION: Nevada Taxi Authority

AGENCY	BASE	M/R	MOB	PORT
Taxi Authority	2		12	2
TOTALS	2	0	12	2

B. SYSTEM INFORMATION

LOCATION: Nevada Division of Emerg. Management

AGENCY	BASE	M/R	MOB	PORT
DEM	5	2	6	59
TOTALS	5	2	6	59

B. SYSTEM INFORMATION

LOCATION: Nevada EMS

AGENCY	BASE	M/R	MOB	PORT
EMS	16	27	3	
TOTALS	16	27	3	0

B. SYSTEM INFORMATION

LOCATION: Nev Legislative Security

AGENCY	BASE	M/R	MOB	PORT
Leg. Security	1			9
TOTALS	1	0	0	9

B. SYSTEM INFORMATION

LOCATION: Fire Marshall

AGENCY	BASE	M/R	MOB	PORT
Fire Marshall			1	
TOTALS	0	0	1	0

B. SYSTEM INFORMATION

LOCATION: Nev Board of Gaming Control

AGENCY	BASE	M/R	MOB	PORT
Gaming Control				
TOTALS	0	0	0	0

B. SYSTEM INFORMATION

LOCATION: Nev Capitol Police

AGENCY	BASE	M/R	MOB	PORT
TOTALS	0	0	0	0

B. SYSTEM INFORMATION

LOCATION: Nev Parole and Probation

AGENCY	BASE	M/R	MOB	PORT
TOTALS	0	0	0	0

B. SYSTEM INFORMATION

LOCATION: Nev Public Service Commission

AGENCY	BASE	M/R	MOB	PORT
PSC			9	
TOTALS	0	0	9	0

B. SYSTEM INFORMATION

LOCATION: Governor's Office

AGENCY	BASE	M/R	MOB	PORT
TOTALS	0	0	0	0

GRAND TOTAL

LOCALS - STATEWIDE

	BASE	M/R	MOB	PORT
GRAND TOTALS	332	167	3770	3506

B. SYSTEM INFORMATION

LOCATION: Boulder City

AGENCY	BASE	M/R	MOB	PORT
Police	2	2	10	30
- Justice Ct. Judge				1
- Baliff				3
Fire	2	1	12	15
Ambulance (UHF)			3	
Public Works	2	1		30
TOTALS	6	4	25	79

B. SYSTEM INFORMATION

LOCATION: Carson City

AGENCY	BASE	M/R	MOB	PORT
Sheriff				
Fire				
Public Works	14	1	140	100
TOTALS	14	1	140	100

B. SYSTEM INFORMATION

LOCATION: Clark County

AGENCY	BASE	M/R	MOB	PORT
Fire (VHF Urban)	5	1	51	20
- (UHF Urban)	3	2	50	50
- (VHF Rural)	6	3	49	50
Ambulance (UHF Urban)			7	
- (UHF Rural)			13	
Sanitation	3		31	124
Water Dist (SMRS)	5	2	159	26
Public Works		3		
- Mtce Mgmt	2		72	20
- Land Devel.			1	1
- Co. Facilities			16	6
- Environ. Control			1	
- Design Constr.			5	16
- Ofc. Public Resp.			2	
- Administration	1		3	2
- Surveyor			7	3
- Town Svcs.			1	1
- Tfc. Div.			9	7
- Airport Eng.	2		12	9
- Co. Automotive	2		15	14
- Constr. Inspec.			3	22

B. SYSTEM INFORMATION

LOCATION: Clark County Cont'd

AGENCY	BASE	M/R	MOB	PORT
Emerg. Mgmt.	41	2	75	4
- Health	1		2	
Dist. Attorney (UHF)	1	1	2	24
Comprehensive Pln'ng	4			
Bldg Inspect.	2	1	12	38
- Juvenile Ct. Sys.	2			43
County Parks	4	1	43	34
- Animal Cont.	1		15	2
- Vector Control			6	1
Univ. Med. Ctr.	1	1		3
Criminal Prose (MPD)			5	2
Coroner (MPD)			3	14
Civil Bureau (MPD)			9	2
TOTALS	86	17	679	538

B. SYSTEM INFORMATION

LOCATION: Clark Co. Metro Police

AGENCY	BASE	M/R	MOB	PORT
Metro Police Dept.	52	42	819	650
TOTALS	52	42	819	650

B. SYSTEM INFORMATION

LOCATION: Department of Airports

AGENCY	BASE	M/R	MOB	PORT
McCarron A/P (SMRS)	1	3	1	146
N.L.V. A/P (SMRS)	1			10
TOTALS	2	3	1	156

B. SYSTEM INFORMATION

LOCATION: Douglas County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	3	3	45	50
- D.A.			5	
- Juven. Probation			5	
- Constable			2	1
- Search & Rescue			15	24
Fire				
- East Fork FD	8	1	45	60
- Tahoe/Doug. FD				
- Ambulances (VHF			5	
- Ambulances (UHF)			5	
Public Works	3	2	40	20
County Schools				
Minden, City (PW)	1			2
Kingsbury Impr Dist				
Gardnerville Ranchos Wtr				
Doug. Sewer Dist				
TOTALS	15	6	167	157

B. SYSTEM INFORMATION

LOCATION: Elko County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	4	5	24	23
- Juvenile			3	
- Probation			3	
Elko FD	1		12	8
Carlin FD			5	5
Wells FD			?	?
Jackpot FD			3	
Mt. City FD			?	?
County Pub. Works	1	1	12	
Ambulance VHF (SO)			6	4
Ambulance UHF (EMS)			6	
Ambulance - Carlin			2	1
Carlin PD	1		5	7
Elko PD			15	27
Wells PD	1		4	3
Elko City LG	1		10	4
Tribal (SO)			2	
BIA (SO)			4	
TOTALS	9	6	116	82

B. SYSTEM INFORMATION

LOCATION: Esmeralda County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	1	2	10	5
Goldfield VFD			4	
Silver Peak VFD			2	
Fish Lake VFD			6	
Ambulance VHF (SO)			6	
Ambulance UHF (EMS)			6	
Co. Assessor (SO)			1	
Emerg. Med. (SO)			1	
Judge (SO)			1	
Emerg. Mgmt.	3	3	6	5
TOTALS	4	5	43	10

B. SYSTEM INFORMATION

LOCATION: Eureka County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	1	2	12	8
Eureka VFD	1		6	
Diamond Vly VFD			2	6
Crescent Vly VFD			2	
Pine Vly VFD			2	
Ambulance VHF (SO)			4	
Ambulance UHF (EMS)			4	
Schools (PW)	?		?	
Road Dept (PW)	?		?	
Search & Resc (SO)			6	
TOTALS	2	2	38	14

B. SYSTEM INFORMATION

LOCATION: Henderson, City of

AGENCY	BASE	M/R	MOB	PORT
Police	7	2	39	80
Fire	9	2	20	27
Public Works	3	2	13	72
Local Gov.	2	1	13	18
Ambulance UHF			3	3
TOTALS	21	7	88	200

B. SYSTEM INFORMATION

LOCATION: Humboldt County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	1	3	20	23
Juvenile (SO)			6	
Winnemucca VFD			6	
Winnemucca Rural FD	1	1	10	4
Golconda FPD			4	8
Paradise Vly FPD			4	
McDermott FPD			4	
Orvada FPD			4	
Pueblo FPD			1	
County Road	1		23	
- TV Dist.			1	
Winnemucca Streets			8	2
Winnemucca Bldg Dept			1	
Ambulance VHF (SO)			6	
Ambulance UHF (EMS)			4	
Hospital UHF (EMS)	1			
TOTALS	4	4	102	37

B. SYSTEM INFORMATION

LOCATION: Lander County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	2	3	13	5
- UHF Link	3			
- Juvenile			2	
Battle Mt. VFD			5	1
Austin VFD			3	
Amb Battle Mt (SO)			3	
Amb Battle Mt (EMS)			3	
Amb Austin (SO)			2	
Amb Austin (EMS)			3	
Co. Road Dept	2	2		
- UHF Link	4			
- Battle Mt			17	
- Austin			9	
- Bldg Insp			1	
- Sewer/Water			1	
Amb - NHP (LB)			3	
TOTALS	11	5	65	6

B. SYSTEM INFORMATION

LOCATION: Las Vegas, City of

AGENCY	BASE	M/R	MOB	PORT
Police (Part of MPD)				
Fire Department	17	4	60	97
City Marshall	1	1	5	12
General Svcs.		1	21	56
Dentention	2	1	6	47
Public Wks		1		
- Streets			13	21
- Traffic			15	8
- Electrical			6	10
- Quality Control			1	23
- Survey/Sani			5	11
Bldg/Safety		1	7	40
Bus. Activ/Parking		1		25
Parks and Recreation		1	1	40
TOTALS	20	11	140	390

B. SYSTEM INFORMATION

LOCATION: Lincoln County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	3	3	18	7
Pioche VFD			2	4
Alamo VFD			5	25
Ambulance VHF (SO)			4	
Ambulance UHF (EMS)			4	
Road Dept			7	
School Dist	1	1	8	3
Lin. Co. Power	1	1	8	1
Search & Res. (SO)			4	5
Hosp VHF (SO)	1			
Hosp UHF (EMS)	1			
Caliente PD	2	1	5	8
Caliente PW			5	
TOTALS	9	6	70	53

B. SYSTEM INFORMATION

LOCATION: Mineral County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	1	2	19	10
County Road	1		5	12
Hawthorne FD	1	1	6	4
- Ambulance			3	1
Walker Lake FD			5	3
- Ambulance			1	
Luning FD			1	
Mina FD			11	3
- Ambulance			3	
County Util	1		6	4
Emerg. Mgmt	3		2	5
TOTALS	7	3	62	42

B. SYSTEM INFORMATION

LOCATION: North Las Vegas, City of

AGENCY	BASE	M/R	MOB	PORT
Police	3	3	61	68
Marshall (PD)			8	8
Fire	3		7	11
Gen. Gov. - Util	1		27	
- Garage	1		2	
- Traffic Eng.			9	4
- Engineering			9	2
- Parks			16	
- Beautification			1	
- Bldg/Safety			5	
Bldg/Safety (SMRS)	1	1		7
TOTALS	9	4	145	100

B. SYSTEM INFORMATION

LOCATION: Nye County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	7	7	57	32
County Road	?	?	?	?
Beatty VFD			4	3
- Ambulance VHF (SO)			4	
- Ambulance UHF (EMS)			2	
Pahrump VFD	2	1	6	26
- Ambulance VHF (SO)			3	18
- Ambulance UHF (EMS				3
Tonopah VFD	1	1	5	14
- Ambulance VHF (SO)			3	4
- Ambulance UHF (EMS				2
Round MT. VFD			1	
Smokey Vly VFD			1	
- Ambulance VHF (SO)			3	1
- Ambulance UHF (EMS			2	
Gabbs VFD	1		2	1
- Ambulance VHF (SO)			2	
- Ambulance UHF (EMS			2	
Gabbs City Hall	1			
Currant Crk VFD			1	3
- Ambulance VHF (SO)			1	3
- Ambulance UHF (EMS			2	
South NYE S&R	1		18	22
Tonopah Pub. Util.	1	1	3	4
TOTALS	12	9	99	110

B. SYSTEM INFORMATION

LOCATION: Pershing County

AGENCY	BASE	M/R	MOB	PORT
Sheriff	2	3	10	10
Juvenile (SO)			2	
County Road (SO)			2	
County Road (PW)	2		19	
Lovelock VFD			8	4
Imiley VFD			0	0
Ambulance VHF (SO)			3	
Ambulance UHF EMS			3	
Lovelock PD (SO)			6	8
Lovelock St. Dept.	1		2	
Meadows Water Dist.			2	
TOTALS	5	3	57	22

B. SYSTEM INFORMATION

LOCATION: Reno, City of

AGENCY	BASE	M/R	MOB	PORT
Police		10	150	250
Fire/Rescue	3	3	75	75
Local Gov (PW)	3		100	50
TOTALS	6	13	325	375

B. SYSTEM INFORMATION

LOCATION: Reno, City of

AGENCY	BASE	M/R	MOB	PORT
Police		10	150	250
Fire/Rescue	3	3	75	75
Local Gov (PW)	3		100	50
TOTALS	6	13	325	375

B. SYSTEM INFORMATION

LOCATION: Sparks, City of

AGENCY	BASE	M/R	MOB	PORT
Police	3		86	85
Fire	3		44	30
Local Gov.	3			
- Parks			20	10
- Streets			10	10
- Tfc. Safety			6	6
- Bldg Mtce			4	6
- Bldg Inspect'n			6	1
- Eng. Inspect'n			5	2
- Sewer Lines			10	4
- Treatment Plant			2	17
- Industrial Waste			2	2
TOTALS	9	0	195	173

B. SYSTEM INFORMATION

LOCATION: White Pine

AGENCY	BASE	M/R	MOB	PORT
Sheriff	2	3	22	14
McGill VFD			3	3
Ely FD	2		4	5
Ruth VFD	1		2	2
Ambulance VHF (SO)			5	
Ambulance UHF (EMS)			5	
Road Dept.			5	
School Dist.				5
Ely Street Dept.			1	1
Ely Water Dept.			?	?
McGill/Ruth Water	1		2	
W.P. Co. Emg. Posse	1		10	
Hospital UHF (EMS)	1			
TOTALS	8	3	59	30

C. INTEROPERABILITY REQUIREMENTS

'ATION: Boulder City

LOCAL:	PD	FIRE	AMB	PW
Police		X	X	X
Fire	X		X	X
Ambulance	X	X		X
Public Works	X	X	X	
COUNTY:				
MPD	X	X	X	X
Fire	X	X	X	X
Health	X	X	X	X
Emg Mgmt	X	X	X	X
Hospitals		X	X	
t of Bldgs				X
Coroner	X	X	X	
School Dist	X	X	X	X
Henderson PD/FD	X	X	X	
Las Vegas Marshal	X			
STATE:				
NHP	X	X	X	
NDI	X			
DOT	X	X	X	X
DOW		X	X	
DEM	X	X		X
NDF		X		
AG INVESTIGA	X			
id Div	X			
Fire Marshall		X		

SECTION 3

INTEROPERABILITY REQUIREMENTS

Region 27
State of Nevada

C. INTEROPERABILITY REQUIREMENTS

TION: Boulder City - Cont'd

STATE:	PD	FIRE	AMB	PW
Nat. Guard	X	X	X	
Ariz DPS	X	X	X	
Mojave Co SO/Fire	X	X	X	
Ariz EMS	X	X	X	
FEDERAL:				
BLM	X	X	X	
DOE	X	X	X	
Park Svc	X	X	X	X
Border Pat.	X			
Nellis AFB	X	X	X	
	X			
Forest Svc		X	X	
Bureau of Reclam	X	X	X	
Hoover Dam PD	X	X	X	
OTHER:				
S.W. Gas	X	X	X	X
Power Companies	X	X	X	X
So. Nev. Water	X	X	X	X

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Clark County (Metro PD separate sheet)

LOCAL:	FIRE	WATER	A/P ENG	EMG MGMNT	PW	PARKS	HEALTH	AMB EMS	SANI	SCHLS	HOSPS
Fire		X	X	X	X	X	X	X	X	X	X
Water Dist	X	X		X	X					X	
Airports Eng					X						
Public Works	X	X	X	X		X			X	X	
Parks	X	X	X	X	X		X	X	X	X	
Health	X	X	X	X	X	X	X	X	X	X	X
Ambulances	X			X							X
Sanitation	X	X		X	X					X	
School Dist	X			X		X		X	X		
CITIES:											
as Vegas Gen Gov	X	X		X	X						
NLV Gen Gov	X	X		X	X						
Henderson Gen Gov	X	X		X	X						
Boulder Gen Gov	X	X		X	X						
Mesquite Gen Gov	X			X	X						
ADJ. COUNTIES:											
NYE SO/Fire	X			X				X			
Lincoln SO/Fire	X			X				X			
STATE:											
NHP	X				X			X		X	
DOP	X							X			
DOT	X				X			X		X	
DEPA					X		X	X			
)F	X							X			
DEM	X			X	X		X	X		X	

C. INTEROPERABILITY REQUIREMENTS

JCATION: Clark County - Cont'd

FEDERAL:	FIRE	WATER	ENG	EMG MGMNT	PW	PARKS	HEALTH	AMB EMS	SANI	SCHLS
BLM	X				X			X		
Forest Svc	X							X		
DOE	X			X	X		X	X		
Nellis AFB	X			X	X			X		X
BIA	X			X				X		
Park Svc	X			X						
EPA	X						X			

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Clark County - Metro Police Dept.

LOCAL:	MPD
N. Las Vegas PD	X
Henderson PD/Fire	X
Boulder PD/Fire	X
Mesquite PD	X
Ambulances	X
City/County Fire	X
ADJ. COUNTIES:	X
Nye Co SO	X
Lincoln Co SO	X
San Ber'dino Co SO	X
Inyo Co SO	X
Mohave Co SO	X
Bullhead PD	X
Needles PD	X
St.George PD	X
Washington Co SO	X
STATE:	X
NHP & NDI	X
DOP	X
DOT	X
NDF	X
DEM	X

C. INTEROPERABILITY REQUIREMENTS

OCATION: Clark County - Department of Airports

LOCAL:	McCar	NLVAP
McCarron		X
NLV A/P	X	
COUNTY:		
Metro PD	X	X
Fire	X	X
Emg Mgmt	X	X
Public Works	X	X
Bldg Dept	X	X
Admin	X	X
Automotive	X	X
bulances	X	X
LV Fire	X	X
NLV Fire/PD	X	X
Henderson PD/FD	X	X
Boulder PD/FD	X	X
STATE:		
NHP	X	X
DOT	X	X
DEM	X	X
FEDERAL:		
BLM & DOE	X	X
Park Svc	X	X
Customs & FBI	X	X
A & NTSB	X	X
Nellis AFB	X	X

I. INTEROPERABILITY REQUIREMENTS

LOCATION: Elko County

LOCAL:	SO	FIRE	PW	AMB	ELKO PD	ELKO PW	CARLIN PD	CARLIN PW	WELLS PD
Sheriff		X	X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X	X
Co. Pub. Works	X	X		X	X	X	X	X	X
Ambulance	X	X	X		X	X	X	X	X
City of Elko	X	X	X	X	X	X	X	X	X
City of Carlin	X	X	X	X	X	X	X	X	X
Wells PD	X	X		X	X		X		
ADJACENT COUNTIES:									
White Pine	X	X		X	X				
Eureka	X	X	X	X	X		X	X	
Lander	X			X			X		
Humboldt	X						X		
Owyhee	X	X			X				
Utah - Idahoe	X	X							
STATE:									
NHP	X	X	X	X	X	X	X	X	X
NDI	X				X		X		X
DOP	X			X	X		X		X
DOW	X	X		X	X		X		X
DOT	X	X	X	X	X	X	X	X	X
NDF	X	X	X	X	X	X	X	X	X
DEM	X	X		X	X		X		X
FEDERAL:									
BLM - BIA	X	X	X	X	X	X	X	X	X
Forest Svc.	X	X	X	X	X	X	X	X	X

C. INTEROPERABILITY REQUIREMENTS

.OCATION: Elko County

LOCAL:	SO	FIRE	PW	AMB	ELKO PD	ELKO PW	CARLIN PD	CARLIN PW	WELLS PD							
Sheriff		X	X	X	X	X	X	X	X							
Fire	X		X	X	X	X	X	X	X							
Co. Pub. Works	X	X		X	X	X	X	X	X							
Ambulance	X	X	X		X	X	X	X	X							
City of Elko	X	X	X	X	X	X	X	X	X							
City of Carlin	X	X	X	X	X	X	X	X	X							
Wells PD	X	X		X	X		X									
ADJACENT COUNTIES:																
White Pine	X	X		X	X											
Eureka	X	X	X	X	X		X	X								
nder	X			X			X									
Humboldt	X						X									
Owyhee	X	X			X											
Utah - Idahoe	X	X														
STATE:																
NHP	X	X	X	X	X	X	X	X	X							
NDI	X				X		X		X							
DOP	X			X	X		X		X							
DOW	X	X		X	X		X		X							
DOT	X	X	X	X	X	X	X	X	X							
NDF	X	X	X	X	X	X	X	X	X							
DEM	X	X		X	X		X		X							
FEDERAL:																
A - BIA	X	X	X	X	X	X	X	X	X							
Forest Svc.	X	X	X	X	X	X	X	X	X							

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Esmeralda County

LOCAL:	SO	FI	AM
Sheriff		X	X
Fire	X		X
Ambulance	X	X	
Hospital (Nye)	X	X	X
ADJACENT COUNTIES:			
Nye	X	X	X
Mineral	X	X	X
Clark			X
Inyo (Calif)	X	X	X
Mono (Calif)	X	X	X
STATE:			
NHP	X	X	X
NDI	X		
DOP	X		
DOW	X		
DOT	X	X	X
NDF	X	X	X
DEM	X	X	X
FEDERAL:			
BLM	X	X	X
Forest Svc.	X	X	X
Park Svc.	X	X	X
DOE		X	X

C. Interagency Requirements

Local		SO	FI	AM
Sheriff			X	X
Fire		X		X
Amb		X	X	
Hosp (Nye)		X	X	X
Adj. Counties				
Nye		X	X	X
Mineral		X	X	X
Clark				X
Inyo (Calif)		X	X	X
Mono (Calif)		X	X	X
State				
NHP		X	X	X
NDI		X		
NDF		X	X	X
DEM		X	X	X
DOP		X		
DOT		X	X	X
EMS				X
Federal				
BLM	X	X	X	
Forest Svc	X	X	X	
Park Svc	X	X	X	
DOE		X	X	

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Eureka County

LOCAL:	SO	FIRE	AMB	SCHL	ROAD	S&R
Sheriff		X	X	X	X	X
Fire	X		X	X	X	X
School (PW)	X	X	X		X	
Road (PW)	X	X	X	X		
Search & Rescue	X	X	X			
ADJACENT COUNTIES:						
Lander	X	X				
Elko	X	X	X			
White Pine	X	X	X			
STATE:						
NHP	X	X	X	X	X	X
NDI	X					
DOP	X					
DOW	X		X			
DOT	X	X	X	X	X	
NDF	X	X	X			
DEM	X	X	X	X	X	
FEDERAL:						
BLM	X	X	X			
Forest Svc.	X	X	X			
FBI	X		X			

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Eureka County

LOCAL:	SO	FIRE	AMB	SCHL	ROAD	S&R
Sheriff		X	X	X	X	X
Fire	X		X	X	X	X
School (PW)	X	X	X		X	
Road (PW)	X	X	X	X		
Search & Rescue	X	X	X			
ADJACENT COUNTIES:						
Lander	X	X				
Elko	X	X	X			
White Pine	X	X	X			
STATE:						
HP	X	X	X	X	X	X
NDI	X					
DOP	X					
DOW	X		X			
DOT	X	X	X	X	X	
NDF	X	X	X			
DEM	X	X	X	X	X	
FEDERAL:						
BLM	X	X	X			
Forest Svc.	X	X	X			
FBI	X		X			

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Henderson, City of

LOCAL:	PD	Fire	PW	AMB	Hosp	Emg Mgmt	LG
Police		X	X	X		X	X
Fire	X		X	X		X	X
PW	X	X		X		X	X
Ambulance	X	X			X	X	
Hospital	X			X			
Emerg. Mg'mt	X	X	X	X	X		X
Local Gov.	X	X	X			X	
COUNTY:							
-Metro Police	X	X		X		X	X
-School District	X	X	X	X		X	X
-Fire	X	X	X	X		X	X
-Health	X	X		X		X	
-Emerg. Mg'mt	X	X	X	X		X	X
-Hospitals				X	X		
Boulder City PD	X			X		X	X
-Fire	X	X		X		X	X
-Public Works		X	X			X	X
STATE:							
NHP	X	X	X	X			X
NDI	X						
PROBATION	X						
NDF	X			X			
DOT	X	X	X	X		X	X
DEM	X	X	X	X		X	X
CDF (Calif)		X					

C. SYSTEM INFORMATION cont'd - Henderson

EDERAL:	PD	Fire	PW	Amb	Hosp	Emg Mgmt	LG
BLM	X	X	X	X		X	X
DOE	X	X		X		X	X
ATF	X	X	X				
FBI	X						
Forest Svc.	X	X		X		X	
Park Svc.	X	X		X		X	X
U. S. Marshall	X						
Nellis AFB	X	X	X				

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Humboldt County

LOCAL:	SO	FIRE	ROAD	WINN STREETS	AMB	HOSP
Sheriff		X	X	X	X	X
Fire	X		X	X	X	X
County Road	X	X		X	X	X
Winnemucca Sts.	X	X	X		X	X
Ambulances	X	X	X	X		X
ADJACENT COUNTIES:						
Pershing	X	X	X		X	
Lander	X	X			X	
Washoe	X				X	
Elko	X				X	
Churchill	X				X	
Malheur/Harney Or	X					
STATE:						
NHP	X	X	X		X	
NDI	X					
DOP	X					
DOW	X				X	
NDF	X	X			X	
DOT	X	X	X	X	X	
DEM	X	X			X	
FEDERAL:						
BLM	X	X	X	X	X	
Forest Svc.	X	X			X	
BIA	X	X			X	

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Humboldt County

LOCAL:	SO	FIRE	ROAD	WINN STREETS	AMB	HOSP
Sheriff		X	X	X	X	X
Fire	X		X	X	X	X
County Road	X	X		X	X	X
Winnemucca Sts.	X	X	X		X	X
Ambulances	X	X	X	X		X
ADJACENT COUNTIES:						
Pershing	X	X	X		X	
Lander	X	X			X	
Washoe	X				X	
Elko	X				X	
Churchill	X				X	
Malheur/Harney Ore	X					
STATE:						
NHP	X	X	X		X	
NDI	X					
DOP	X					
DOW	X				X	
NDF	X	X			X	
DOT	X	X	X	X	X	
DEM	X	X			X	
FEDERAL:						
BLM	X	X	X	X	X	
Forest Svc.	X	X			X	
BIA	X	X			X	

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Lander County

LOCAL:	SO	FIRE	AMB	HOSP	ROAD	SEWER/ WATER	BLDG INSP
Sheriff		X	X	X	X	X	X
Fire	X		X	X	X	X	X
Ambulance	X	X		X	X		X
Hospital	X	X	X				
County Road	X	X	X			X	X
Sewer/Water	X	X	X		X		X
Bldg. Insp.	X	X					
AJACENT COUNTIES:							
Elko - Eureka	X	X	X		X		
Humblt-Pershing	X	X	X		X		
Nye	X				X		
Churchill	X				X		
Washoe			X				
STATE:							
NHP	X	X	X		X		
NDI	X						
DOP	X						
DOW	X						
DOT	X	X	X		X		
NDF	X	X	X		X		
DEM	X	X	X				
FEDERAL:							
BLM	X	X	X		X		
Forest Svc.	X	X	X		X		
BIA	X	X	X				

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Lander County

LOCAL:	SO	FIRE	AMB	HOSP	ROAD	SEWER/ WATER	BLDG INSP
Sheriff		X	X	X	X	X	X
Fire	X		X	X	X	X	X
Ambulance	X	X		X	X		X
Hospital	X	X	X				
County Road	X	X	X			X	X
Sewer/Water	X	X	X		X		X
Bldg. Insp.	X	X					
AJACENT COUNTIES:							
Elko - Eureka	X	X	X		X		
Humblt-Pershing	X	X	X		X		
ye	X				X		
Churchill	X				X		
Washoe			X				
STATE:							
NHP	X	X	X		X		
NDI	X						
DOP	X						
DOW	X						
DOT	X	X	X		X		
NDF	X	X	X		X		
DEM	X	X	X				
FEDERAL:							
BLM	X	X	X		X		
orest Svc.	X	X	X		X		
BIA	X	X	X				

C. INTEROPERABILITY REQUIREMENTS

ATION: Las Vegas, City of

LOCAL:	FIRE	AMB	MARSH	DETEN	GENSVC	TFC	PARKS	PW	ELEC	STREETS
MPD	X	X	X	X						
Fire		X	X	X	X	X	X	X	X	X
Ambulances	X									
Marshall	X			X						
Detention	X		X		X					X
Gen. Svcs.	X					X	X	X	X	X
Traffic	X				X		X	X	X	X
Parks	X									
Electrical	X				X	X	X	X		X
Streets	X				X	X	X	X	X	X
CITY:										
Fire	X	X								
Public Works								X		
Traffic Eng						X				
Dept of Aviation	X	X								
Valley Water Dist.	X									
Health	X									
Hospitals	X									
School Dist	X	X				X	X			
Emerg. Mgmt	X	X								
STATE:										
NHP	X	X								
NDI	X	X								X
DEM	X	X								

C. INTEROPERABILITY REQUIREMENTS

ATION: Las Vega, City of - Cont'd

FEDERAL:	FIRE	AMB	DETEN	MARSH	GENSVC	TFC	PARKS	GEN PW	ELEC	STREETS
BLM	X									
DOE	X									
Park Svc	X									
FAA	X									
Nellis AFB	X									

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Lincoln County

							----CALIENTE----							
LOCAL:	SO	FIRE	AMB	SCH	ROAD	POWER	PD	FIRE	PW	Hosp				
Sheriff		X	X	X	X	X	X	X	X	X				
Fire	X		X	X	X	X	X	X	X	X				
Ambulance	X	X		X	X	X	X	X	X	X				
Road Dept	X	X	X	X		X	X	X						
Power Dist	X	X	X	X	X		X	X						
Caliente PD	X	X	X	X	X	X		X	X	X				
Caliente Fire	X	X	X	X	X	X	X		X	X				
Caliente PW	X	X			X									
ADJACENT COUNTIES:														
Clark SO	X	X	X											
Clark Fire/EMS			X											
White Pine	X	X	X											
Nye	X	X	X											
STATE:														
NHP	X	X	X		X	X	X	X						
NDI	X													
DOP	X													
DOW	X													
DOT	X	X	X		X		X	X						
NDF	X	X	X		X	X	X	X	X					
Nev Youth Tng							X							
DEM	X	X	X				X							
UTAH (UHP)	X													
FEDERAL:														
BLM	X	X					X							

C. Interagency Requirements

Local	SO	FI	AM	SH	RD	PWR	Caliente PD	Caliente FI	HOSP
Sheriff		X	X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X	
Amb	X	X		X	X	X	X	X	
School	X	X	X		X	X	X		
Road	X	X	X	X		X			
Power	X	X	X	X	X		X	X	
Caliente PD	X	X	X	X	X	X		X	X
Caliente Fire	X	X	X	X	X				
Caliente P.W.	X	X			X				
Adj. Counties									
Clark SO	X	X	X						
Clark Fire			X						
Clark EMS			X						
Clark Coroner			X						
White Pine	X	X	X						
Nye	X	X	X						
State									
NDF	X	X			X	X	X	X	
DOW	X								
NHP	X	X	X		X	X	X	X	
NDI	X								
DOP	X								
DOT	X	X			X		X	X	
DEM	X	X	X						
Nev Youth Tng							X		
Utah (UHP)	X								
Federal									
BLM	X	X			X				

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Mineral County

LOCAL:	SO	FI	AMB	HOSP	ROAD	UTIL	EMERG MGMT
Sheriff		X	X	X	X	X	X
Fire	X		X	X	X	X	X
Ambulance	X	X		X	X	X	X
Hospital	X	X	X				
Road	X	X	X	X	X	X	X
Util	X	X	X	X	X	X	X
Emerg. Mg'mt	X	X	X	X	X	X	X
ADJACENT COUNTIES:							
Esmeralda/Lyon	X	X	X		X	X	X
Eureka/Douglas	X	X	X		X	X	X
Churchill/Nye	X	X	X		X	X	X
Inoy/Mono (Calif)	X	X	X				X
STATE:							
NHP	X	X	X		X		X
NDI	X						
DOP	X	X	X				X
NDF	X	X	X				X
DOW	X	X	X				X
DOT	X	X	X		X		X
DEM	X	X	X		X		X
CHP (Calif)	X	X	X				
FEDERAL:							
BLM	X	X	X		X		X
Forest Svc.	X	X	X				X

C. Interagency Communications Requirements

Local	SO	FI	AM	HSP	RD	UTL	EMG MGT
Sheriff		X	X	X	X	X	X
Fire	X		X	X	X	X	X
Amb	X	X		X	X	X	X
Hosp	X	X	X				
Road	X	X	X	X	X	X	X
Util	X	X	X	X	X	X	X
Emerg Mgmt	X	X	X	X	X	X	X
Adj. Counties							
Esmeralda	X	X	X		X	X	X
Churchill	X	X	X		X	X	X
Lyon	X	X	X		X	X	X
Eureka	X	X	X				
Nye	X	X	X		X	X	X
Douglas	X	X	X		X	X	X
Inyo (Calif)	X	X	X				X
Mono (Calif)	X	X	X				X
State							
NHP	X	X	X		X		X
NDI	X						
NDF	X	X	X				X
DOW	X	X	X				X
DOP	X	X	X				X
DOT	X	X	X		X		X
DEM	X	X	X		X		X
CHP (Calif)	X	X	X				
Federal							
BLM	X	X	X		X		X
Forest Svc	X	X	X				X

C. INTEROPERABILITY REQUIREMENTS

'CATION: North Las Vegas

LOCAL:	PD	FIRE	AMB	UTIL	GARG	TFC ENG	ENG	PARK	CITY MARSH	EMG MGMT	B&S				
Police		X	X	X	X	X	X	X	X	X	X				
Fire	X		X	X	X	X	X	X	X	X	X				
Ambulance	X	X								X					
Utility	X	X			X	X	X	X		X	X				
Garage	X	X	X	X		X	X	X		X	X				
Tfc. Eng.	X	X		X	X		X	X		X	X				
Engineering	X	X		X	X	X		X		X	X				
Parks	X	X		X	X	X	X			X	X				
Marshall	X	X													
Emerg. Mg'mnt	X	X	X	X	X	X	X	X	X	X	X				
COUNTY:															
tro Police	X	X	X						X						
Fire	X	X	X								X				
School Dist.	X	X						X			X				
Health	X	X	X								X				
Emerg. Mg'mnt	X	X	X					X		X	X				
Hospitals		X	X							X					
Valley Water Dist.		X	X												
Boulder PD/FI/PW	X	X								X	X				
Henderson * *	X	X								X	X				
Las Vegas Gen Svc	X	X					X			X	X				
Tfc Mg'mnt		X				X				X	X				

C. INTEROPERABILITY REQUIREMENTS

LOCATION: North Las Vegas - Cont'd

COUNTY:	PD	FIRE	AMB	UTIL	GARG	TFC ENG	ENG	PARK	MARSH	EMG MGMT	B&S				
Parks	X							X							
Dept of Airports	X	X	X							X					
STATE:															
NHP	X	X	X							X					
NDI	X														
DOP	X														
PROBATION	X														
DOW	X														
DOT	X	X	X							X	X				
NDF	X	X								X					
DEPA	X										X				
DEM	X	X								X	X				
FEDERAL:															
BLM	X	X													
DOE	X	X								X					
Forest Svc		X													
ATF	X	X													
Park Svc	X														
Marshall	X														
DEA	X														
Nellis AFB	X	X	X							X					
OTHER:															
Nevada Power	X	X	X		X					X	X				
CenTel	X	X	X		X					X	X				
Southwest Gas	X	X	X		X					X	X				

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Nye County

LOCAL:	SO	FI	AMB	HOSP	SCH	ROAD	UTIL	S&R
Sheriff		X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X
Ambulance	X	X		X	X	X	X	X
Hospital	X	X	X					
School	X	X	X					
Road	X	X	X		X			
Search & Res.	X	X	X					
ADJACENT COUNTIES:								
Esmeralda	X	X	X					
Mineral/Lincoln	X	X	X					
White Pine/Eureka	X	X	X					
Lander/Clark	X	X	X					
Inyo/Mono (Calif)	X	X	X					
STATE:								
NHP	X	X	X					
NDI	X							
DOP	X							
DOW	X							
DOT	X	X	X					
NDF	X	X	X					
DEM	X	X	X					
FEDERAL:								
BLM/BIA	X	X	X					
Forest Svc.	X	X	X					
DOE	X							

C. Interagency Communications Requirements

Local	SO	FI	AM	HSP	SH	RD	UTL	S&R
Sheriff		X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X
Amb	X	X		X	X	X	X	X
Hosp	X	X	X					
School	X	X	X					
Road	X	X	X		X	X		
Search/Rescue	X	X	X					
Adj. Counties								
Esmeralda	X	X	X					
Mineral	X	X	X					
Lincoln	X	X	X					
White Pine	X	X	X					
Eureka	X	X	X					
Lander	X	X	X					
Clark	X	X	X	X				
Inyo (Calif)	X	X						
Mono (Calif)	X	X						
State								
NHP	X	X	X					
NDI	X							
NDF	X	X						
DOW	X							
DOP	X							
DOT	X	X	X					
DEM	X	X	X					
CHP (Calif)	X	X	X					
Federal								
BLM	X	X	X					
Forest Svc	X	X	X					
DOE Test Site	X							
BIA	X	X	X					

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Pershing County

LOCAL:	SO	FIRE	ROAD	AMB	HOSP	CITY PD	CITY ST.	MEADOWS WATER
Sheriff		X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X
Co. Road	X	X		X		X	X	X
Ambulance EMS	X	X	X		X	X		
Hospital	X	X		X		X		
Lovelock PD	X	X	X	X	X		X	X
Lovelock Street	X	X	X			X		X
Meadows Water	X	X	X			X	X	
ADJACENT COUNTIES:								
Humboldt	X	X		X				
Lander	X	X		X				
Churchill	X	X		X				
STATE:								
NHP	X	X		X		X		
NDI	X					X		
DOP	X			X		X		
DOW	X					X		
NDF	X	X		X		X		
DOT	X	X	X	X		X	X	X
DEM	X	X		X		X		
FEDERAL:								
BLM	X	X						
FOREST SVC.	X	X						
BIA	X					X		
FBI	X							

C. INTEROPERABILITY REQUIREMENTS

LOCATION: Pershing County

LOCAL:	SO	FIRE	ROAD	AMB	HOSP	CITY PD	CITY ST.	WATER DIST
Sheriff		X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X
Co. Road	X	X		X		X	X	X
Ambulance EMS	X	X	X		X	X		
Hospital	X	X		X		X		
Lovelock PD	X	X	X	X	X		X	X
Lovelock Street	X	X	X			X		X
Meadows Water	X	X	X			X	X	
ADJACENT COUNTIES:								
Humboldt	X	X		X				
ider	X	X		X				
Churchill	X	X		X				
STATE:								
NHP	X	X		X		X		
NDI	X					X		
DOP	X			X		X		
DOW	X					X		
NDF	X	X		X		X		
DOT	X	X	X	X		X	X	X
DEM	X	X		X		X		
FEDERAL:								
BLM	X	X						
FOREST SVC.	X	X						
A	X					X		
FBI	X							

C. INTEROPERABILITY REQUIREMENTS

LOCATION: White Pine County

								ELY						
LOCAL:	SO	FIRE	AMB	SCH	ROAD	TELE	POWER	FIRE	WATER	STREET	S&R			
Sheriff		X	X	X	X	X	X	X	X	X	X			
Fire	X		X	X	X	X	X	X	X	X	X			
Ambulance	X	X						X			X			
School	X	X	X					X						
Road Dept	X	X	X							X				
Telephone	X	X												
Hospital	X	X	X					X						
City of Ely	X	X	X	X	X		X							
ADJACENT COUNTIES:														
Elko	X	X	X											
Lincoln	X	X	X											
Eureka	X	X	X											
Nye	X	X	X											
Millard (Utah)	X	X	X											
STATE:														
NHP	X	X	X					X						
NDI	X													
DOP	X													
DOW	X	X												
DOT	X	X	X					X						
NDF	X	X	X					X						
DEM	X	X	X					X			X			
FEDERAL:														
BLM	X	X	X								X			
Forest Svc.	X	X	X								X			
Park Svc.	X	X	X								X			

C. Interagency Requirements

								Ely			
Local	SO	FI	AM	SH	RD	TEL	PWR	FI	WA	ST	SR
Sheriff		X	X	X	X	X	X	X	X	X	X
Fire	X		X	X	X	X	X	X	X	X	X
Amb	X	X						X			X
Hosp	X	X	X					X			
School	X	X	X					X			
Road	X	X	X							X	
Ely Fire	X	X	X	X			X		X	X	
Ely Water	X	X						X		X	
Ely Street	X	X					X	X	X		
Search/Rescue	X	X	X								
Adj. Counties											
Elko	X	X	X								
Lincoln	X	X	X								
Eureka	X	X	X								
Nye	X	X	X								
Millard (Utah)	X	X	X								
State											
NHP	X	X	X					X			
NDI	X										
NDF	X	X						X			
DOW	X	X									
DOP	X										
DOT	X	X	X					X			
DEM	X	X	X								
Federal											
BLM	X	X	X								X
Forest Svc	X	X	X								X
Park Svc	X	X	X								X