800 MHz Public Safety Radio Communications Plan

Region 26 State of Nebraska

June 19, 2003

FCC Docket 89-608

Streamlined Plan Update Change of Band Plan from 821-824/866-869 MHz to 806-809/851-854 MHz

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1.0 SCOPE

This plan addresses utilization of the six (6) megahertz of 800 MHz spectrum allocated to Public Safety. It is the intent of this plan to manage spectrum resources and to establish certain inter-agency operational procedures as set forth by the Federal Communications Commission (FCC) in General Docket 87-112. This plan addresses the issues stated in Section IV, Subsection C, Paragraph 51, "Contents of Regional Plans" in General Docket 87-112.

1.1 SUMMARY OF PLAN

The Nebraska 800 MHz Regional Plan was developed to insure that efficient use is made of the 800 MHz spectrum. This plan was developed with the objective of insuring that the new 800 MHz frequencies would be assigned in an equitable fashion with priority given to those public safety agencies that are primarily responsible for the protection of life and property, and that the frequencies will be used in the most efficient manner.

The plan includes the following:

- General description of how the spectrum is to be allotted among the various eligible users.
- Explanation of how the requirements of all eligible entities in the Region were considered.
- Explanation of prioritization in the Region.
- Explanation of how the plan has been coordinated with states adjacent to Region 26.
- Description of system design as it relates to coverage.
- Explanation of how channels have been assigned using primary offset frequencies.
- General trunking requirements when to trunk, channel loading.
- Explanation of how inter-operability will be accomplished in the Region.
- Overview of the Planning Committee Structure.

2.0 REGIONAL PLANNING COMMITTEE

The membership of the Regional Planning Committee (RPC) is represented by individuals from all facets of the Public Safety and Special Emergency Radio Services. (See Appendix 1 for the names, organizations, and mailing addresses of all participants of the RPC).

Michael Hogan was selected as Convenor by the President of the Nebraska Chapter of APCO, and public notification pursuant to the National Plan was initiated. The initial meeting for Region 26 was held on May 11, 1988, at the State Office Building in Lincoln, Nebraska. Public notification of the initial meeting was accomplished by sending letters to 145 entities which included; County, City, State and Federal agencies. These agencies represented all aspects of Public Safety Radio Services, including Special Emergency. In addition, an announcement was placed in the Public Notice section of the classified ads in four of Nebraska's most widely circulated newspapers. Finally, a "Notice of Meeting" was published in the FCC <u>Public Notice</u>, dated March 16, 1989.

Attendees at this meeting unanimously elected Michael Hogan to serve as Chairman of the 800 MHz Regional Planning Committee for Regional 26. In 1997 Mike Jeffres assumed the position of Chair for Region 26.

REGIONAL PLANNING COMMITTEE CONT

Mike Jeffres, Chairman

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Authority for the RPC to carry out its assigned tasks is derived from the FCC Report and Order, Docket 87-112. Each committee member that is a representative of an eligible licensee under the Public Safety Radio Services and the Special Emergency Radio Service is entitled to one vote in all committee matters. Except as may be provided elsewhere in this Plan, a simple majority of those present at a scheduled meeting will prevail provided at least ten (10) working days notice of the meeting has been provided.

2.1 REGIONAL BOUNDARIES

Region 26 consists of the entire state of Nebraska. It is bordered by the following states: Iowa, Missouri, Kansas, Colorado, Wyoming and South Dakota.

A copy of the initial draft of the Region 26 Plan was sent to the adjacent regions as noted in this section. Region 7 (Colorado) is the only region to respond to our request. A follow-up with the other regions found that the Regional Planning Committees were inactive, and not in a position to comment on the Region 26 Plan. Region 7 did not indicated if there were any conflicts in frequency assignments. After the Region 26 Planning Committee reviewed the frequency assignments of the Region 7 Plan we determined there were no conflicting assignments.

2.2 TASK GROUPS

Task Groups were established to facilitate the development of the Regional Plan. The leaders of each Task Group were selected by the Regional Planning Committee Chairman. Each Task Group Leader selected his group members. Task Group Leaders and respective members are as follows:

A. Local Government

Task Group Leader Jim Johnson Lincoln Public Works Dept. 901 North 6th Street Lincoln, NE 68508 (402) 471-7701 Task Group Member Howard Nispel 3820 West Arch Avenue Grand Island, NE 68803

Task Group Member Pierre La Pierre 1000 Kiewit Plaza Omaha, NE 68131 Task Group Member Rich Derr 2045 10th Street Gering, NE 69341

Task Group Member Dennis Teall Public Service Dept. 1402 North Jeffers North Platte, NE 69101

B. Law Enforcement

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Task Group Member Jud Reed Scottsbluff County Consolidated Communications County Administration Bldg. Gering, NE 69341 Task Group Member Mike Freed Biomedical Instrumentation 42nd & Dewey Streets Omaha, NE 68105

2.3 REGIONAL PLAN REVIEW AND REVISION COMMITTEE

Members of the Planning Committee drafted the Plan and sent a copy of the draft to each member of the Regional Planning Committee for review and comment. This was done to insure that all eligible needs were addressed prior to submittal to the FCC. The full Planning Committee acted as the final review committee to insure compliance with the National Plan, and to also insure that the needs of all agencies were addressed to the highest degree possible. With the approval of the Regional Planning Committee (RPC) the Chairman shall appoint a Revision Committee.

The standing membership of the Revision Committee shall consist of the Regional Planning Committee Chairman, one member representing each of the Public Safety Radio Services including Special Emergency Radio Service, and the Director of the Nebraska Division of Communications. The members of the Revision Committee shall elect one member to serve as Chairman. The function of the Revision Committee will be to recommend changes and/or modifications to the Regional Plan and to provide a mechanism for resolution of inter and intra-region disputes.

The appeal process will be a two step process. The first step in the appeal process will be through the Review and Revision Committee. This appeal must be submitted in writing. If the applicant is not satisfied with the decision of the Review and Revision Committee, then the applicant must advise the Review and Revision committee, in writing, that the applicant is appealing to the FCC. The FCC's decision will be final and binding upon all parties.

REGIONAL PLAN REVIEW AND REVISION COMMITTEE CONT

This committee will also review the implementation statutes of those agencies subject to this plan at least once a year.

3.0 MUTUAL AID CHANNELS

One of the primary objectives of the National Plan was to establish a mechanism providing for multi-agency communications at all levels of government. This has been accomplished by setting aside five (5) channels for use on a nationwide basis. The Regional Planning Committee has established two (2) additional channels for use on a statewide basis.

While the FCC set the general guidelines for implementation of the five (5) Common Channels, specific policies and procedures will be addressed in each Regional Plan. This section establishes the policies and procedures for utilization of the five (5) National Communication Channels as well as the two (2) additional Common Channels for Nebraska.

3.1 ELIGIBILITY

All users eligible under the Public Safety Radio Services and Special Emergency Radio Service as defined in the FCC Rules and Regulations, and licensed to use the spectrum are eligible to operate stations on the seven (7) Common Channels. Other eligibles, such as volunteer emergency corporations, Red Cross, Radio Amateur Civil Emergency Services (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 when specifically enrolled in a documented emergency plan of a recognized emergency management agency.

3.2 FEDERAL INTER-OPERABILITY

Inter-operability between Federal, State, County, and Local Governments during day-to-day and disaster operations will take place on the seven (7) National/State Common Channels. Federal agencies may access the two (2) Statewide Common Channels through the use of S-160 or similar agreements. Additionally, individual agencies may permit Federal agencies to use their communications systems for coordination of federal/non-federal activities (Section 2.103 FCC R&R).

3.3 COMMON CHANNEL IMPLEMENTATION

The frequencies covered by this plan are as follows (*Guard channel reserved for adjacent channel protection)

- 1 601 806/851.0125 MHz National Common Channel 1 TAC 1
- 2 639 806/851.5125 MHz National Common Channel 2 TAC 2
- 3 677 807/852.0125 MHz National Common Channel 3 TAC 3
- 4 715 807/852.5125 MHz National Common Channel 4 TAC 4
- 5 753 808/853.0125 MHz National Common Channel 5 TAC 5
- * 622 806/851.2875 MHz Guard Channel
- 6 623 806/851.3000 MHz State Common Channel 6 TAC 6
- * 624 806/851.3125 MHz Guard Channel
- * 649 806/851.6500 MHz Guard Channel
- 7 650 806/851.6625 MHz State Common Channel 7 TAC 7
- * 651 806/851.6750 MHz Guard Channel

COMMON CHANNEL IMPLEMENTATION CONT

System design may vary depending on area and system size. However, the following provisions must be met by each system. At least one station in an operating area must operate on the National Calling Channel (1). The coverage area of the station shall be designed so as to provide coverage throughout a major portion of the operating area. Stations in the system may be either mobile relay stations (FB2) or base stations (FB) provided that base stations must be capable of reverting to the mobile relay mode upon failure of the control link. (These stations are non-trunked stations) The monitoring agency or PSAP in the area of operation shall monitor the channel 24 hours a day, 7 days a week. Other agencies within the area of operation shall also be permitted to operate a control station on this Channel (1) for the purposes of monitoring the frequency and rendering assistance when required.

The second provision that must be met by each system consists of stations operating on the remaining six (6) tactical channels (Channels 2 through 7). The coverage area of the stations shall be designed to provide coverage throughout a major portion of the operating area. The Stations may be either mobile relay stations (FB2) or base stations (FB) provided they are under the control of the monitoring agency or PSAP and the stations are normally disabled to prevent misuse. (These stations are non-trunked stations) A mobile unit requesting mutual aid will initiate the request on Channel 1. The PSAP operator will advise the calling unit as to what channel they should change to, then the PSAP operator shall cause the appropriate station to be enabled. The open Tactical Common Channel (TAC 7) shall be permitted for use at one or more temporary mobile relay stations (FB2T) or temporary base stations (FBT). This station may be used to provide temporary fill-in coverage or temporary coverage at a specific operation. Temporary stations shall not exceed 35 watts ERP.

3.4 TRANSMITTER REQUIREMENTS ON COMMON CHANNELS

Radio equipment that is currently type accepted and in service on systems in the 806-809/851-854 MHz band may operate on the seven common channels. Since a Guard Channel has been provided for the common channels it will not be necessary to reduce the deviation to 4.0 KHz. The Regional Planning Committee may recommend to the FCC waivers for other frequencies covered under this plan on a case-by-case basis. Applicants authorized to use older equipment that is not type accepted for the new 800 MHz spectrum should be aware that protection of the old receivers from adjacent channel interference will be limited.

3.5 VOICE PRIVACY, SIGNALING OR PAGING

The use of tone or digital signaling (other than ATIS), or paging is prohibited on the Common Channels.

3.6 TONE SQUELCH

All equipment capable of operating on the National and Statewide Common Channels must be equipped with the National Common Tone Squelch of 156.7Hz (EIA Code 5A). Mobile relays on these channels may use additional tone or digital squelch codes for the purpose of selecting individual mobile relay stations, provided the National Common Tone of 156.7 is used on the output.

3.7 AIRCRAFT OPERATION

Operation of radio equipment on-board aircraft on the National and Statewide Common Channels is permitted in accordance with FCC Rules & Regulations; however, the power shall be limited to 1 watt ERP.

3.8 CROSS-BAND REPEATING

Linking of agency or Mutual Aid Channels outside of the 800 MHz spectrum to the National and Statewide Common Channels is permitted under this plan.

3.9 RADIO CODES

All communications on the National and Statewide Common Channels will be conducted in "CLEAR TEXT", using the ENGLISH language.

3.10 UNIT IDENTIFIERS/ATIS

Automatic Transmitter Identification System (ATIS) is encouraged but not mandatory, and is not to be used in place of voice identification. Units operating on the National and Statewide Common Channels shall use their agency name in their identification.

4.0 SPECTRUM UTILIZATION

This portion of the plan provides a basis for proper spectrum utilization. Its purpose is to guide the Committee in their task of evaluating the implementation of 800 MHz radio communication systems within Region 26. This plan has considered, for planning purposes, the immediate and long-range communication needs of all current eligibles under the FCC's Public Safety Radio Services and Special Emergency Radio Service. Protection of life and property shall receive the highest priority, and disruptive interference with communications involved in these services shall not be tolerated.

4.0.1 FREQUENCY RE-USE

Maximum reuse of the frequencies is not as difficult an issue in the Region 26 as in other more densely populated regions. However, it was still a primary objective, of the Committee, and given a great deal of consideration. The Region 26 Planning Committee feels we achieved our objective. Items 4.1, paragraph five, and Item 5.0 specifically state that the area of coverage must be limited to the boundaries of the applicant's jurisdiction. Also provided for in the Plan are guidelines for signal strengths at the edge of these boundaries. Enforcing these restrictions during system implementation will allow Region 26 to re-utilize the same frequencies in different areas of the State. Region 26 used a total of 188 channels. This includes County assignments (Appendix 2), State assignments (Appendix 7) and the two (2) additional Common Channels including Guard Channels. Please refer to Appendix 5, "Table For Vacant Channels and Channel Re-use." The above referenced table shows that most channels were re-used on an average of four (4) times throughout Nebraska. The table also reflects maximum use of the adjacent channels.

4.1 GUIDELINES

Any system operating in Region 26 having five (5) or more channels will be required to be trunked. Systems using four (4) or less channels may be conventional. The FCC in its Report and Order states: "Exceptions will be permitted only when a substantial showing is made that alternative technology would be at least as efficient as trunking or that trunking would not meet operational requirements. Exceptions will not be granted routinely. Strong showing as to why trunking is unacceptable must be presented in support of any request for exception."

If the 800 MHz trunked radio technology is used, the system design must include as many county and/or city public safety radio users as feasible. If a user's total number of radios in service does not reach the minimum loading criteria as outlined in this plan for a trunked system, then that user should consider consolidating their communications system with other 800 MHz trunked system in the area.

Strict adherence for limiting area of coverage to the boundaries of the applicant agency's jurisdiction must be observed. Antenna heights are to be limited to provide only the necessary coverage for a system. When antenna locations are restricted to only the "high ground", transmitter output power and special antenna patterns must be employed to produce only the necessary coverage.

Distances between transmitters for co-channel reuse will not be held to seventy (70) miles separation. Separation of co-channel transmitters will be determined by the coverage needs of the applicant, natural barriers for separation, antenna patterns, and limited ERP where possible. System tests and/or propagation studies should also be provided to establish minimum distances for separation.

4.2 CHANNEL LOADING - NON-TRUNKED SYSTEMS

An agency requesting a single 800 MHz frequency or channel to replace a frequency or channel from the lower bands that is currently in use, and will turn back the lower frequency for reassignment, will not be required to meet this plans loading requirements initially in order to obtain the new channel. However, if this new 800 MHz frequency/channel is not loaded to more than fifty (50) units within three years after the license is granted, then the frequency will be available for reassignment to other agencies on a shared basis. This will only occur in the event there are no other frequencies available for assignment in that area. Shared use of a frequency is not interference free. Agencies using single frequencies may be required to provide the Regional Revision Committee a channel loading study to confirm load criteria is being met.

4.3 CHANNEL LOADING FOR TRUNKED SYSTEMS

Agencies requesting frequencies for trunking purposes shall comply with the loading standards established by the FCC Rules, 47 C.F.R. Section 90.631. Agencies not meeting the loading standards prescribed in 90.631 (b) and subject to the cancellation of channel assignments shall have the opportunity to submit a request for waiver of the loading standards to the Regional Revision Committee. The Revision Committee will in turn, submit a request for waiver to the Commission, which will specify specific loading standards. The Commission decision in this matter will be considered final and binding upon all parties.

Revision 2 5-4-90

4.4 FREQUENCY ASSIGNMENT

Frequencies have been initially assigned on a county-by-county basis. The criteria used to justify the number of channels assigned to each county was as follows:

- a) 1984 population statistics and projected growth trends up to the year 2000. (Appendix 4)
- b) Statistics on the number of mobile radio equipment used in a county to carry on the current operations. Then population growth rate percentages for the year 2000 were correlated to the mobile radio equipment figures for 1988 to determine the initial frequency assignments. (Appendix 6).

Using the APCO Frequency Packing Computer program, a minimum of three (3) frequencies per county was assigned. This will enable the Law Enforcement, Fire, EMS/Rescue and Local Government agencies to implement conventional 800 MHz radio systems throughout a county. Sparsely populated counties will not in all probability be able to meet the channel loading criteria of this plan or the FCC. These counties will be encouraged to consolidate their communication systems with other counties with similar circumstances.

4.5 TURN-BACK FREQUENCIES

It is anticipated that in all but the most unusual cases, frequencies presently used by a licensee will be released for reassignment to agencies not migrating to the 800 MHz band. The proper frequency coordinators will be notified of any proposed reassignment of frequencies. An agency will not be allowed to hand down frequencies to other agencies within their political structure unless it is within the planning guidelines of the plan. Agencies failing to turn-back channels as agreed will be subject to forfeiture of their 800 MHz channels.

4.6 PRIORITIZATION OF APPLICANTS

In the unlikely event there will be insufficient frequencies for assignment in Nebraska, the following method of prioritizing will be used. Protection of life and property shall receive the highest priority.

PRIORITIZATION RATING TABLE

| TRIORITIZATION RATING TABLE | | | |
|-----------------------------|----------|--|--|
| Local Government | PRIORITY | | |
| Transit Systems | 15 | | |
| Utility Operations | 30 | | |
| Administration | 15 | | |
| Maintenance | 15 | | |
| Security Patrols | 15 | | |
| Other Functions | 15 | | |
| Police | 35 | | |
| Fire | 35 | | |
| Highway | 30 | | |
| Forest Fire | 30 | | |
| Conservation | 25 | | |

| Medical Services | PRIORITY |
|--|----------|
| Hospitals | 10 |
| Patient Transfer (vans, etc.) | 5 |
| Physicians | 5 |
| Emergency Medical Services (BLS and ALS) | 35 |
| Handicapped Transportation (vans, etc.) | 15 |
| Veterinarians | 5 |
| Disaster Relief Organizations | 15 |

| School Buses | PRIORITY |
|--------------------------|----------|
| Private Under Contract | 5 |
| School District Operated | 15 |

| Included in an approved Emergency | PRIORITY |
|-----------------------------------|----------|
| Management Evacuation Plan | 15 |
| Beach Patrols | 5 |
| Isolated Areas | 5 |
| Communication Standby Facilities | 5 |

5.0 SYSTEM DESIGN

All users shall design their radio system to minimize the amount of RF energy radiated beyond their geo-political boundaries. Since operating areas are not always easily designated, systems may be designed to provide radio coverage within the operating area plus a distance of three (3) miles. Users should design their radio system to provide at least 40 dBu (decibels above 1 microvolt per meter -- approximately 4.6 microvolts of signal across 50 ohms at 850 MHz) throughout the coverage area.

5.1 TRANSMITTER STANDARDS

All transmitters used within Region 26 on the new spectrum shall be typed accepted for operation on the 806-809/851-854 MHz band and meet the technical standards defined in Part 90 of the FCC Rules and Regulations.

In addition, any existing transmitters that have been type accepted for operation in the 806-809/851-854 MHz band, and were either in use or on order upon the release of Memorandum Opinion and Order On Reconsideration, released: September 7, 1988, will be "grand fathered" and permitted to operate on the frequencies in the 806-809/851-854 MHz band. Provided the transmitters deviation has been modified in accordance with the Memorandum Opinion and Order.

5.2 RECEIVER STANDARDS

It should be noted that the Commission did not adopt the NPSPAC recommendation for receiver standards. It is the position of the Commission that receivers do not cause interference, nor do they threaten effective operation of the public safety network. However, agencies are encouraged to carefully consider the receiver selectivity specifications of any equipment to be purchased for use in the 806-809/851-854 MHz. This committee recommends utilizing receivers providing at least 20 dB of protection to the 12.5 KHz removed channel.

5.3 CODED SQUELCH

The use of Continuous Tone Coded Squelch System (CTCSS), or Continuous Digital Coded Squelch Systems (CDCSS) is required in Region 26. Systems not incorporating some form of coded squelch will not be protected from receiving interference.

5.4 AIRCRAFT EFFECTIVE RADIATED POWER (ERP)

Radio equipment installed in aircraft that operate on channels in the 806-809/851-854 MHz band in Region 26 shall be limited to a maximum ERP of one (1) watt.

5.5 IMPLEMENTATION SCHEDULE

The majority of eligible public safety organizations are either of State and Local Government, or else are subject to governmental regulation. The nature of governmental planning and budgeting processes, combined with difficult revenue constraints, prohibits most eligibles from implementing newer technology systems in the normal time required by FCC rules (eight months for construction of conventional stations, 12 months for trunked stations). In most cases, public safety will require multi-year phased implementation schedules requiring three to five times as long to construct as private or commercial systems. Regional, wide-area, and statewide systems will require even longer periods to construct.

In view of these known situations, this Regional Plan establishes an extended implementation schedule ("SLOW GROWTH") in accordance with FCC Rules², which is available to all eligible applicants, if requested by stating "SLOW GROWTH" on the license application. Applicants who clearly request "SLOW GROWTH" on their license applications are not required to submit the specific items of "SLOW GROWTH" justification otherwise required by FCC rules.³

¹ See FCC Rules & Regulations, 90.155 (a) and 90.631 (e).

² See FCC Rules & Regulations, 90.629, 90.631 and 90.633.

³ See FCC Rules & Regulations, 90.629 (a). 41 (a)

APPENDIX 1

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APPENDIX 1

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Russ DiMauro Support Service Commander Bellevue Police Dept. 2207 Washington Street Bellevue, NE 68005

Alfred Pattavina Public Safety Director Omaha/Douglas Civic Center 1819 Farnam Omaha, NE 68183

Lt. Arlan K. Anderson Communications Engineering Nebraska State Patrol P. O. Box 94907 Lincoln, NE 68509-4907

GENERAL MEMBERSHIP

Richard Semm Assistant Director Nebraska Civil Defense 1300 Military Road Lincoln, NE 68508

Rona Monaco Communications Asst. Civil Defense 1300 Military Road Lincoln, NE 68508

Ted Blume, Administrator Law Enforcement Division Game and Parks Commission P. O. Box 30370 Lincoln, NE 68503-0370

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Ted Argintean, Chief Valley Fire/Rescue Dept. 201 West Church Street P. O. Box 554 Valley, NE 68064

John H. Love, Director Civil Defense 410 Madison Waterloo, NE 68069 Robert Eastwood Communications Manager Nebraska Civil Defense 1300 Military Road Lincoln, NE 68508

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APPENDIX 1 CONT GENERAL MEMBERSHIP

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Communications Supervisor Boystown

Eastern Ambulance Boystown, NE 68010
P. O. Box 83112

830 "L" Street Lincoln, NE 68501

Lincoln, NE 68585-0814

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Dean and Director

Loyd L. Young, Director
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Cooperative Extension Service University of Nebraska-Lincoln

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216 Agricultural Hall

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Rich Derr

2045 10th Street

Gering, NE 69341

Dennis Teall

Public Service Dept.

1402 North Jeffers

North Platte, NE 69101

Dr. Gary Hergenrader
State Forester
Supervisor
Department of Forestry, Fisheries
and Wildlife
Robert Storch
Supervisor
Nebraska National Forest
270 Pine Street

Room 103 Plant Industries Chadron, NE 69337
University of Nebraska-Lincoln

Don Smith Gary Garabrandt
Lincoln Parks & Recreation Fontenelle Forest
2740 "A" Street Nature Center
Lincoln, NE 68502 1111 Bellevue Blvd. North

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Bellevue, NE 68005

GENERAL MEMBERSHIP

Robert Larson, Chief Gering Fire Dept. Gering, NE 69341

Gering, NE 69341

Mike DeSelm Street Maintenance Engineer 2606 North 26th Street Omaha, NE 68111

Jim Koch Street Equipment Services Dir. 1010 South 8th Street Norfolk, NE 68701-5827

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Sgt. James Brill Nebraska State Patrol Communications Section P. O. Box 94907 Lincoln, NE 68509-4907

Jim Wintle Douglas County Sheriff's Office 17th & Farnam St. Omaha, NE 68102 Mike Stromitis
Training Officer
North Platte Vol. Fire I

North Platte Vol. Fire Dept. North Platte, NE 69101

Rick Meter, County Director Public Works P. O. Box 799

Scottsbluff, NE 69361-0799

Wesley Meyer Public Service Director 1402 North Jeffers North Platte, NE 69101

Ruth Michalecki 211 Nebraska Hall University of Nebraska-Lincoln Lincoln, NE 68583-0222

William Bosanek Douglas County Sheriff's Off. 17th & Farnam St. Omaha, NE 68102

Les Myers Lincoln/Lancaster Civil Defense 555 South 10th Street Lincoln, NE 68508

APPENDIX 2

COUNTIES & ASSIGNED CHANNELS

```
ADAMS
            603 808 633 788 658 795 605
ANTELOPE
            617 812 643 792
 ARTHUR
            816 616 789
 BANNER
            615 814
                    644
 BLAINE
            825 606
                    801
 BOONE
            814 603
                    794 626
BOX BUTTE
            823 605
                    803 627 783
  BOYD
            604 823
                    630 803
 BROWN
            816 609
                    796
 BUFFALO
            635 784
                    655
                        764 675 769 645 672 729 749
  BURT
            603 824
                    626 804
 BUTLER
            820 605
                    800 625
  CASS
            821 608
                    801
                         631 775
 CEDAR
            811 613
                    791
                         642
 CHASE
            815 615 781
 CHERRY
            798 617 777 638
CHEYENNE
            619 824 641
                         804
                             661
  CLAY
            629 811
                    656
                        791
 COLFAX
            818 609
                    798 633
 CUMING
            612 815
                    636 795
 CUSTER
            806 657 782 682 762
 DAKOTA
            605 822
                    628 802
                             648
 DAWES
            825 603
                    805
                         625
 DAWSON
            614 815 642 790
            822 614
                    802
 DEUEL
  DIXON
            813 607
                    793
                         640
 DODGE
            783 614
                    763
                        646 743 616 781
                812
DOUGLAS
            618
                    640
                         792
                             660
                                  809 621 642 644 673 693 768 787 789 807
DOUGLAS
            708 720
                    730
                         750
                             827
            808 605
 DUNDY
                    775
FILLMORE
            616 815
                    636
FRANKLIN
            628 773
                    648
FRONTIER
            616 795
                    636
 FURNAS
            625 807 656
  GAGE
            769 646
                    743 672 723
 GARDEN
            810 646
                    786
GARFIELD
            824 607
                    804
 GOSPER
            824 606
                    804
 GRANT
            821 602 800
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GREELEY
             612 819 636
   HALL
             821 617 801 638 781 619 643 663 774 799
 HAMILTON
             614 786 647 763
  HARLAN
             809 621
                     789
  HAYES
             811 603 791
HITCHCOCK
             787 630 767
   HOLT
             807 620 787
                         654
 HOOKER
             610 824 631
             825 608 805 631
 HOWARD
JEFFERSON
             809 618 789 638
 JOHNSON
             620 781
                     643 761
 KEARNEY
             615 813 640 793
   KEITH
             813 609 793 640 773
KEYA PAHA
             607 820 632
  KIMBALL
             817 612 797
   KNOX
             615 809 637
                         789
LANCASTER
             784 657 764
                         680
                             739 662 675 682 695 <mark>702</mark> 735 737 759 766 806
 LINCOLN
             618 797 644 776 690 768 620
  LOGAN
             608 820 629
   LOUP
             604 821 625
 MADISON
             606 821 629
                         801 652
MCPHERSON
             613 818 634
 MERRICK
             768 653 748 681
 MORRILL
             819 607 799 632
  NANCE
             618 810 644 790
             617 810 641 790
 NEMAHA
 NUCKOLLS
             777 627 757
             606 824
                     629 804 653
   OTOE
  PAWNEE
             627 777
                     658
  PERKINS
             612 817
                     633
  PHELPS
             630 787 659 767 680
  PIERCE
             825 608 805 634
  PLATTE
             816 611
                     796 635 775
   POLK
             824 607
                     804
                         630
RED WILLOW
             627 777 647 757 673
RICHARDSON
             807 625 787 645 767
   ROCK
             602 818 627
  SALINE
             813 604 793 626 773
  SARPY
             610 819 634 799 655
                                  817 613 615 637 777 797 814
SAUNDERS
             690 757 712 733 825 700
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SCOTTS BLUFF 816 613 796 634 776 620 812
  SEWARD
             602 822 628 802 648
  SHERIDAN
             611 815 633
  SHERMAN
             823 602 803
   SIOUX
             618 808 648
  STANTON
             604 823 627 803
  THAYER
             807 621 787
                         642
  THOMAS
             603 822 626
 THURSTON
             817 610 797 638
   VALLEY
             610 817 641
WASHINGTON 607 785 632 765 658
   WAYNE
             819 602 799 631
  WEBSTER
             775 637 755
  WHEELER
             822 605 802
   YORK
             817 610 797 632 776 710
 STATEWIDE
            665 668 670 674* 678 679
             683* 684* 685 688 692 694*
             696* 697 698 699 701* 705
             707 713* 714* 716* 718* 722*
             724* 725 726 727 728
                                  731
             734* 740 741 742 745 747
             756* 771 779 826 828*
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State channel assignments: Ch. 665 assigned to DOC, Lincoln Exec. Bldg.

Assignments to OPPD system: Otoe Ch. 606, 629 Cass Ch. 608

Lancaster COPS grant: Cass Ch. 775 (coordinated with Plattsmouth location) Otoe Ch. 804

Ch. 826 Preliminary assignment for statewide mutual aid mobile to mobile.

Mobile Frequency 808.9375 MHz Base Frequency 853.9375 MHz STATEWIDE

Cheyenne County, Sidney City of Channel 804 rebanded FB 853.6625, MO 808.6625

APPENDIX 3

NOTE: This page is reserved for the State of Nebraska map showing channel assignments by county.

If you are interested in obtaining this map, please contact the Regional Chairman at the address and telephone number given on page 4.

APPENDIX 4

POPULATION IN THE REGION 26 PLANNING AREA FOR THE YEARS OF 1984, 1990, 2000

| | Population Population Population | | | | |
|-----------|----------------------------------|---------|---------|-----------|--|
| County | 1984 | 1990 | 2000 | 1990-2000 | |
| Adams | 31,010 | 29,625 | 31,151 | 4.90 | |
| Antelope | 8,700 | 7,965 | 7,452 | -6.88 | |
| Arthur | 484 | 462 | 444 | -4.05 | |
| Banner | 1,052 | 852 | 819 | -4.03 | |
| Blaine | 796 | 675 | 583 | -15.78 | |
| Boone | 7,361 | 6,667 | 6,259 | -6.52 | |
| Box Butte | 14,202 | 13,130 | 12,158 | -7.99 | |
| Boyd | 3,333 | 2,835 | 2,438 | -16.28 | |
| Brown | 4,310 | 3,657 | 3,525 | -3.74 | |
| Buffalo | 37,987 | 37,447 | 42,259 | 11.39 | |
| Burt | 8,764 | 7,868 | 7,791 | -0.99 | |
| Butler | 9,186 | 8,601 | 8,767 | 1.89 | |
| Cass | 21,517 | 21,318 | 24,334 | 12.39 | |
| Cedar | 11,292 | 10,131 | 9,615 | -5.37 | |
| Chase | 4,897 | 4,381 | 4,068 | -7.69 | |
| Cherry | 6,871 | 6,307 | 6,148 | -2.59 | |
| Cheyenne | 10,055 | 9,494 | 9,830 | 3.42 | |
| Clay | 7,884 | 7,123 | 7,039 | -1.19 | |
| Colfax | 9,620 | 9,139 | 10,441 | 12.47 | |
| Cuming | 11,500 | 10,117 | 10,203 | 0.84 | |
| Custer | 13,737 | 12,270 | 11,793 | -4.04 | |
| Dakota | 17,218 | 16,742 | 20,253 | 17.34 | |
| Dawes | 9,418 | 9,021 | 9,060 | 0.43 | |
| Dawson | 22,309 | 19,940 | 24,365 | 18.16 | |
| Deuel | 2,382 | 2,237 | 2,098 | -6.63 | |
| Dixon | 6,933 | 6,143 | 6,339 | 3.09 | |
| Dodge | 35,792 | 34,500 | 36,160 | 4.59 | |
| Douglas | 410,330 | 416,444 | 463,585 | 10.17 | |
| Dundy | 2,892 | 2,582 | 2,292 | -12.65 | |
| Fillmore | 7,780 | 7,103 | 6,634 | -7.07 | |
| Franklin | 4,319 | 3,938 | 3,574 | -10.18 | |
| Frontier | 3,647 | 3,101 | 3,099 | -0.06 | |
| Furnas | 6,533 | 5,553 | 5,324 | -4.30 | |
| Gage | 24,060 | 22,794 | 22,993 | 0.87 | |
| Garden | 2,746 | 2,460 | 2,292 | -7.33 | |
| Garfield | 2,413 | 2,141 | 1,902 | -12.57 | |
| | | | | | |

| Cooper | 0.464 | 1 000 | 2 4 4 2 | 10.02 |
|-----------------|---------|---------|---------|--------|
| Gosper | 2,161 | 1,928 | 2,143 | 10.03 |
| Grant | 879 | 769 | 747 | -2.95 |
| Greeley Hall | 3,353 | 3,006 | 2,714 | -10.76 |
| | 49,852 | 48,925 | 53,534 | 8.61 |
| Hamilton | 9,253 | 8,862 | 9,403 | 5.75 |
| Harlan | 4,298 | 3,810 | 3,786 | -0.63 |
| Hayes | 1,331 | 1,222 | 1,068 | -14.42 |
| Hitchcock | 3,996 | 3,750 | 3,111 | -20.54 |
| Holt | 13,932 | 12,599 | 11,551 | -9.07 |
| Hooker | 1,020 | 793 | 783 | -1.28 |
| Howard | 6,729 | 6,057 | 6,567 | 7.77 |
| Jefferson | 9,603 | 8,759 | 8,333 | -5.11 |
| Johnson | 5,110 | 4,673 | 4,488 | -4.12 |
| Kearney | 6,769 | 6,629 | 6,882 | 3.68 |
| Keith | 9,225 | 8,584 | 8,875 | 3.28 |
| Keya Paha | 1,252 | 1,029 | 983 | -4.68 |
| Kimball | 4,954 | 4,108 | 4,089 | -0.46 |
| Knox | 11,269 | 9,534 | 9,374 | -1.71 |
| Lancaster | 203,021 | 213,641 | 250,291 | 14.64 |
| Lincoln | 34,676 | 32,508 | 34,632 | 6.13 |
| Logan | 974 | 878 | 774 | -13.44 |
| Loup | 891 | 683 | 712 | 4.07 |
| Madison | 32,263 | 32,655 | 35,226 | 7.30 |
| McPherson | 571 | 564 | 533 | -5.82 |
| Merrick | 8,699 | 8,049 | 8,204 | 1.89 |
| Morrill | 6,044 | 5,423 | 5,440 | 0.31 |
| Nance | 4,632 | 4,275 | 4,038 | -5.87 |
| Nemaha | 8,345 | 7,980 | 7,576 | -5.33 |
| Nuckolls | 6,789 | 5,786 | 5,057 | -14.42 |
| Otoe | 15,142 | 14,252 | 15,396 | 7.43 |
| Pawnee | 3,750 | 3,317 | 3,087 | -7.45 |
| Perkins | 3,785 | 3,367 | 3,200 | -5.22 |
| Phelps | 10,118 | 9,705 | 9,747 | 0.43 |
| Pierce | 8,517 | 7,827 | 7,857 | 0.38 |
| Platte | 29,585 | 28,920 | 31,662 | 8.66 |
| Polk | 6,049 | 5,668 | 5,639 | -0.51 |
| Red Willow | 12,984 | 11,705 | 11,448 | -2.24 |
| Richardson | 10,999 | 9,937 | 9,531 | -4.26 |
| Rock | 2,446 | 2,019 | 1,756 | -14.98 |
| Saline | 13,089 | 12,715 | 13,843 | 8.15 |
| Sarpy | 93,589 | 102,583 | 122,595 | 16.32 |
| Saunders | 18,617 | 18,285 | 19,830 | 7.79 |
| Scotts Bluff | 38,417 | 36,025 | 36,951 | 2.51 |
| Joons Biall | 55, 117 | 00,020 | 33,001 | 2.01 |

| Seward | 15 000 | 15 150 | 16 406 | 6.34 |
|------------|-----------|-----------|-----------|--------|
| Sewaru | 15,823 | 15,450 | 16,496 | 0.34 |
| Sheridan | 7,760 | 6,750 | 6,198 | -8.91 |
| Sherman | 4,030 | 3,718 | 3,318 | -12.06 |
| Sioux | 1,764 | 1,549 | 1,475 | -5.02 |
| Stanton | 6,497 | 6,244 | 6,455 | 3.27 |
| Thayer | 7,498 | 6,635 | 6,055 | -9.58 |
| Thomas | 970 | 851 | 729 | -16.74 |
| Thurston | 7,203 | 6,936 | 7,171 | 3.28 |
| Valley | 5,831 | 5,169 | 4,647 | -11.23 |
| Washington | 15,486 | 16,607 | 18,780 | 11.57 |
| Wayne | 9,819 | 9,364 | 9,851 | 4.94 |
| Webster | 4,805 | 4,279 | 4,061 | -5.37 |
| Wheeler | 1,095 | 948 | 886 | -7.00 |
| York | 15,006 | 14,428 | 14,598 | 1.16 |
| | | | | |
| TOTAL | 1,605,895 | 1,577,495 | 1,711,263 | 7.82 |

SOURCE: 1984, 1990, 2000 U.S. Bureau of the Census

APPENDIX 5 CHANNEL ASSIGNMENTS

| Channel | 601 Mobile Frequency 806.0125 MHz | Base Frequency 851.0125 MHz | TAC 1 |
|---------|-----------------------------------|-----------------------------|-----------|
| Channel | 602 Mobile Frequency 806.0375 MHz | Base Frequency 851.0375 MHz | SEWARD |
| Channel | 602 Mobile Frequency 806.0375 MHz | Base Frequency 851.0375 MHz | WAYNE |
| Channel | 602 Mobile Frequency 806.0375 MHz | Base Frequency 851.0375 MHz | SHERMAN |
| Channel | 602 Mobile Frequency 806.0375 MHz | Base Frequency 851.0375 MHz | GRANT |
| Channel | 602 Mobile Frequency 806.0375 MHz | Base Frequency 851.0375 MHz | ROCK |
| | | | |
| Channel | 603 Mobile Frequency 806.0500 MHz | Base Frequency 851.0500 MHz | BURT |
| Channel | 603 Mobile Frequency 806.0500 MHz | Base Frequency 851.0500 MHz | BOONE |
| Channel | 603 Mobile Frequency 806.0500 MHz | 1 2 | ADAMS |
| Channel | 603 Mobile Frequency 806.0500 MHz | Base Frequency 851.0500 MHz | THOMAS |
| Channel | 603 Mobile Frequency 806.0500 MHz | Base Frequency 851.0500 MHz | HAYES |
| Channel | 603 Mobile Frequency 806.0500 MHz | Base Frequency 851.0500 MHz | DAWES |
| | | | |
| Channel | 604 Mobile Frequency 806.0625 MHz | Base Frequency 851.0625 MHz | SALINE |
| Channel | 604 Mobile Frequency 806.0625 MHz | Base Frequency 851.0625 MHz | STANTON |
| Channel | 604 Mobile Frequency 806.0625 MHz | Base Frequency 851.0625 MHz | LOUP |
| Channel | 604 Mobile Frequency 806.0625 MHz | Base Frequency 851.0625 MHz | BOYD |
| | | | |
| Channel | 605 Mobile Frequency 806.0750 MHz | Base Frequency 851.0750 MHz | BUTLER |
| Channel | 605 Mobile Frequency 806.0750 MHz | Base Frequency 851.0750 MHz | DAKOTA |
| Channel | 605 Mobile Frequency 806.0750 MHz | Base Frequency 851.0750 MHz | WHEELER |
| Channel | 605 Mobile Frequency 806.0750 MHz | Base Frequency 851.0750 MHz | ADAMS |
| Channel | 605 Mobile Frequency 806.0750 MHz | Base Frequency 851.0750 MHz | BOX BUTTE |
| | | | |

| Channel | 605 Mobile Frequency 806.0750 MHz | Base Frequency 851.0750 MHz | DUNDY |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 606 Mobile Frequency 806.0875 MHz | Base Frequency 851.0875 MHz | MADISON |
| Channel | 606 Mobile Frequency 806.0875 MHz | Base Frequency 851.0875 MHz | GOSPER |
| Channel | 606 Mobile Frequency 806.0875 MHz | Base Frequency 851.0875 MHz | BLAINE |
| Channel | 606 Mobile Frequency 806.0875 MHz | Base Frequency 851.0875 MHz | OTOE |
| | | | |
| Channel | 607 Mobile Frequency 806.1000 MHz | ž * | POLK |
| Channel | 607 Mobile Frequency 806.1000 MHz | | GARFIELD |
| Channel | 607 Mobile Frequency 806.1000 MHz | 1 0 | MORRILL |
| Channel | 607 Mobile Frequency 806.1000 MHz | ž * | WASHINGTON |
| Channel | 607 Mobile Frequency 806.1000 MHz | ž * | DIXON |
| Channel | 607 Mobile Frequency 806.1000 MHz | Base Frequency 851.1000 MHz | KEYA PAHA |
| | | | |
| Channel | 608 Mobile Frequency 806.1125 MHz | ž * | PIERCE |
| Channel | 608 Mobile Frequency 806.1125 MHz | | HOWARD |
| Channel | 608 Mobile Frequency 806.1125 MHz | ž * | LOGAN |
| Channel | 608 Mobile Frequency 806.1125 MHz | Base Frequency 851.1125 MHz | CASS |
| | | | |
| Channel | 609 Mobile Frequency 806.1250 MHz | | COLFAX |
| Channel | 609 Mobile Frequency 806.1250 MHz | ž * | BROWN |
| Channel | 609 Mobile Frequency 806.1250 MHz | Base Frequency 851.1250 MHz | KEITH |
| ~ | | | |
| Channel | 610 Mobile Frequency 806.1375 MHz | ž * | YORK |
| Channel | 610 Mobile Frequency 806.1375 MHz | ž * | HOOKER |
| Channel | 610 Mobile Frequency 806.1375 MHz | | VALLEY |
| Channel | 610 Mobile Frequency 806.1375 MHz | ž * | SARPY |
| Channel | 610 Mobile Frequency 806.1375 MHz | Base Frequency 851.1375 MHz | THURSTON |

| Channel | 611 Mobile Frequency 806.1500 MHz | Base Frequency 851.1500 MHz | PLATTE |
|---------|-----------------------------------|-----------------------------|--------------|
| Channel | 611 Mobile Frequency 806.1500 MHz | Base Frequency 851.1500 MHz | SHERIDAN |
| | | | |
| Channel | 612 Mobile Frequency 806.1625 MHz | Base Frequency 851.1625 MHz | CUMING |
| Channel | 612 Mobile Frequency 806.1625 MHz | Base Frequency 851.1625 MHz | GREELEY |
| Channel | 612 Mobile Frequency 806.1625 MHz | Base Frequency 851.1625 MHz | PERKINS |
| Channel | 612 Mobile Frequency 806.1625 MHz | Base Frequency 851.1625 MHz | KIMBALL |
| | | | |
| Channel | 613 Mobile Frequency 806.1750 MHz | ž * | SARPY |
| Channel | 613 Mobile Frequency 806.1750 MHz | Base Frequency 851.1750 MHz | CEDAR |
| Channel | 613 Mobile Frequency 806.1750 MHz | Base Frequency 851.1750 MHz | MCPHERSON |
| Channel | 613 Mobile Frequency 806.1750 MHz | Base Frequency 851.1750 MHz | SCOTTS BLUFF |
| | | | |
| Channel | 614 Mobile Frequency 806.1875 MHz | Base Frequency 851.1875 MHz | DODGE |
| Channel | 614 Mobile Frequency 806.1875 MHz | Base Frequency 851.1875 MHz | DAWSON |
| Channel | 614 Mobile Frequency 806.1875 MHz | Base Frequency 851.1875 MHz | DEUEL |
| Channel | 614 Mobile Frequency 806.1875 MHz | Base Frequency 851.1875 MHz | HAMILTON |
| | | | |
| Channel | 615 Mobile Frequency 806.2000 MHz | Base Frequency 851.2000 MHz | KEARNEY |
| Channel | 615 Mobile Frequency 806.2000 MHz | Base Frequency 851.2000 MHz | SARPY |
| Channel | 615 Mobile Frequency 806.2000 MHz | Base Frequency 851.2000 MHz | KNOX |
| Channel | 615 Mobile Frequency 806.2000 MHz | Base Frequency 851.2000 MHz | CHASE |
| Channel | 615 Mobile Frequency 806.2000 MHz | Base Frequency 851.2000 MHz | BANNER |
| | | | |
| Channel | 616 Mobile Frequency 806.2125 MHz | Base Frequency 851.2125 MHz | FILLMORE |
| Channel | 616 Mobile Frequency 806.2125 MHz | Base Frequency 851.2125 MHz | DODGE |
| Channel | 616 Mobile Frequency 806.2125 MHz | Base Frequency 851.2125 MHz | FRONTIER |
| | | | |

| Channel | 616 Mobile Frequency 806.2125 MHz | Base Frequency 851.2125 MHz | ARTHUR |
|---------|-----------------------------------|-----------------------------|--------------|
| Channel | 617 Mobile Frequency 806.2250 MHz | Base Frequency 851.2250 MHz | NEMAHA |
| Channel | 617 Mobile Frequency 806.2250 MHz | Base Frequency 851.2250 MHz | HALL |
| Channel | 617 Mobile Frequency 806.2250 MHz | Base Frequency 851.2250 MHz | ANTELOPE |
| Channel | 617 Mobile Frequency 806.2250 MHz | Base Frequency 851.2250 MHz | CHERRY |
| | | | |
| Channel | 618 Mobile Frequency 806.2375 MHz | * * | JEFFERSON |
| Channel | 618 Mobile Frequency 806.2375 MHz | • | DOUGLAS |
| Channel | 618 Mobile Frequency 806.2375 MHz | 1 5 | NANCE |
| Channel | 618 Mobile Frequency 806.2375 MHz | * * | SIOUX |
| Channel | 618 Mobile Frequency 806.2375 MHz | Base Frequency 851.2375 MHz | LINCOLN |
| | | | |
| Channel | 619 Mobile Frequency 806.2500 MHz | * * | HALL |
| Channel | 619 Mobile Frequency 806.2500 MHz | Base Frequency 851.2500 MHz | CHEYENNE |
| ~ | | | |
| Channel | 620 Mobile Frequency 806.2625 MHz | * * | JOHNSON |
| Channel | 620 Mobile Frequency 806.2625 MHz | * * | SCOTTS BLUFF |
| Channel | 620 Mobile Frequency 806.2625 MHz | * * | HOLT |
| Channel | 620 Mobile Frequency 806.2625 MHz | Base Frequency 851.2625 MHz | LINCOLN |
| | (21 M 1 1 F 00/ 2750 MI | D E 051 2750 MI | THANED |
| Channel | 621 Mobile Frequency 806.2750 MHz | ž • | THAYER |
| Channel | 621 Mobile Frequency 806.2750 MHz | ± 7 | HARLAN |
| Channel | 621 Mobile Frequency 806.2750 MHz | Base Frequency 851.2750 MHz | DOUGLAS |
| | COOM 1 11 F 00C 2075 MI | D E 051 2075 MI | CHARD |
| Channel | 622 Mobile Frequency 806.2875 MHz | Base Frequency 851.28/5 MHz | GUARD |
| Channel | 622 Mobile Fraguency 806 2000 MUz | Pasa Fraguency 851 2000 MHz | TAC 6 |
| Channel | 623 Mobile Frequency 806.3000 MHz | base frequency 851.5000 MHZ | IACU |

| Channel | 624 Mobile Frequency 806.3125 MHz | Base Frequency 851.3125 MHz | GUARD |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 625 Mobile Frequency 806.3250 MHz | Base Frequency 851.3250 MHz | BUTLER |
| Channel | 625 Mobile Frequency 806.3250 MHz | Base Frequency 851.3250 MHz | FURNAS |
| Channel | 625 Mobile Frequency 806.3250 MHz | Base Frequency 851.3250 MHz | LOUP |
| Channel | 625 Mobile Frequency 806.3250 MHz | Base Frequency 851.3250 MHz | DAWES |
| Channel | 625 Mobile Frequency 806.3250 MHz | Base Frequency 851.3250 MHz | RICHARDSON |
| Channel | 626 Mobile Frequency 806.3375 MHz | Base Frequency 851.3375 MHz | SALINE |
| Channel | 626 Mobile Frequency 806.3375 MHz | Base Frequency 851.3375 MHz | BURT |
| Channel | 626 Mobile Frequency 806.3375 MHz | Base Frequency 851.3375 MHz | BOONE |
| Channel | 626 Mobile Frequency 806.3375 MHz | Base Frequency 851.3375 MHz | THOMAS |
| | | | |
| Channel | 627 Mobile Frequency 806.3500 MHz | · · | NUCKOLLS |
| Channel | 627 Mobile Frequency 806.3500 MHz | · · | STANTON |
| Channel | 627 Mobile Frequency 806.3500 MHz | | BOX BUTTE |
| Channel | 627 Mobile Frequency 806.3500 MHz | · · | PAWNEE |
| Channel | 627 Mobile Frequency 806.3500 MHz | Base Frequency 851.3500 MHz | ROCK |
| Channel | 627 Mobile Frequency 806.3500 MHz | Base Frequency 851.3500 MHz | RED WILLOW |
| | | | |
| Channel | 628 Mobile Frequency 806.3625 MHz | · · | SEWARD |
| Channel | 628 Mobile Frequency 806.3625 MHz | · · | DAKOTA |
| Channel | 628 Mobile Frequency 806.3625 MHz | Base Frequency 851.3625 MHz | FRANKLIN |
| | (20.14.14.7. | D | NA PIGON |
| Channel | 629 Mobile Frequency 806.3750 MHz | 1 4 | MADISON |
| Channel | 629 Mobile Frequency 806.3750 MHz | 1 4 | CLAY |
| Channel | 629 Mobile Frequency 806.3750 MHz | Base Frequency 851.3750 MHz | LOGAN |

| Channel | 629 Mobile Frequency 806.3750 MHz | Base Frequency 851.3750 MHz | ОТОЕ |
|---------|-----------------------------------|-----------------------------|--------------|
| Channel | 630 Mobile Frequency 806.3875 MHz | Base Frequency 851.3875 MHz | POLK |
| Channel | 630 Mobile Frequency 806.3875 MHz | Base Frequency 851.3875 MHz | PHELPS |
| Channel | 630 Mobile Frequency 806.3875 MHz | Base Frequency 851.3875 MHz | HITCHCOCK |
| Channel | 630 Mobile Frequency 806.3875 MHz | Base Frequency 851.3875 MHz | BOYD |
| | | | |
| Channel | 631 Mobile Frequency 806.4000 MHz | * * | WAYNE |
| Channel | 631 Mobile Frequency 806.4000 MHz | Base Frequency 851.4000 MHz | HOWARD |
| Channel | 631 Mobile Frequency 806.4000 MHz | * * | HOOKER |
| Channel | 631 Mobile Frequency 806.4000 MHz | Base Frequency 851.4000 MHz | CASS |
| | | | |
| Channel | 632 Mobile Frequency 806.4125 MHz | • | YORK |
| Channel | 632 Mobile Frequency 806.4125 MHz | 1 5 | MORRILL |
| Channel | 632 Mobile Frequency 806.4125 MHz | * * | WASHINGTON |
| Channel | 632 Mobile Frequency 806.4125 MHz | Base Frequency 851.4125 MHz | KEYA PAHA |
| | | | |
| Channel | 633 Mobile Frequency 806.4250 MHz | * * | COLFAX |
| Channel | 633 Mobile Frequency 806.4250 MHz | * * | ADAMS |
| Channel | 633 Mobile Frequency 806.4250 MHz | ž • | PERKINS |
| Channel | 633 Mobile Frequency 806.4250 MHz | Base Frequency 851.4250 MHz | SHERIDAN |
| | | | |
| Channel | 634 Mobile Frequency 806.4375 MHz | ž • | PIERCE |
| Channel | 634 Mobile Frequency 806.4375 MHz | * * | SARPY |
| Channel | 634 Mobile Frequency 806.4375 MHz | ž • | MCPHERSON |
| Channel | 634 Mobile Frequency 806.4375 MHz | Base Frequency 851.4375 MHz | SCOTTS BLUFF |
| | | | |
| Channel | 635 Mobile Frequency 806.4500 MHz | Base Frequency 851.4500 MHz | PLATTE |

| Channel | 635 Mobile Frequency 806.4500 MHz | Base Frequency 851.4500 MHz | BUFFALO | |
|---------|-----------------------------------|-----------------------------|-----------|--|
| Channel | 636 Mobile Frequency 806.4625 MHz | Base Frequency 851,4625 MHz | FILLMORE | |
| Channel | 636 Mobile Frequency 806.4625 MHz | · · | CUMING | |
| Channel | 636 Mobile Frequency 806.4625 MHz | · · | GREELEY | |
| Channel | 636 Mobile Frequency 806.4625 MHz | · · | FRONTIER | |
| | 1 , | 1 | | |
| Channel | 637 Mobile Frequency 806.4750 MHz | Base Frequency 851.4750 MHz | WEBSTER | |
| Channel | 637 Mobile Frequency 806.4750 MHz | Base Frequency 851.4750 MHz | SARPY | |
| Channel | 637 Mobile Frequency 806.4750 MHz | Base Frequency 851.4750 MHz | KNOX | |
| | | | | |
| Channel | 638 Mobile Frequency 806.4875 MHz | Base Frequency 851.4875 MHz | JEFFERSON | |
| Channel | 638 Mobile Frequency 806.4875 MHz | Base Frequency 851.4875 MHz | HALL | |
| Channel | 638 Mobile Frequency 806.4875 MHz | Base Frequency 851.4875 MHz | THURSTON | |
| Channel | 638 Mobile Frequency 806.4875 MHz | Base Frequency 851.4875 MHz | CHERRY | |
| | | | | |
| Channel | 639 Mobile Frequency 806.5125 MHz | Base Frequency 851.5125 MHz | TAC 2 | |
| | | | | |
| Channel | 640 Mobile Frequency 806.5375 MHz | · · | KEARNEY | |
| Channel | 640 Mobile Frequency 806.5375 MHz | 1 4 | DOUGLAS | |
| Channel | 640 Mobile Frequency 806.5375 MHz | 1 4 | DIXON | |
| Channel | 640 Mobile Frequency 806.5375 MHz | Base Frequency 851.5375 MHz | KEITH | |
| | | | | |
| Channel | 641 Mobile Frequency 806.5500 MHz | · · | NEMAHA | |
| Channel | 641 Mobile Frequency 806.5500 MHz | · · | VALLEY | |
| Channel | 641 Mobile Frequency 806.5500 MHz | Base Frequency 851.5500 MHz | CHEYENNE | |
| | | | | |
| Channel | 642 Mobile Frequency 806.5625 MHz | Base Frequency 851.5625 MHz | THAYER | |

| Channel | 642 Mobile Frequency 806.5625 MHz | Base Frequency 851.5625 MHz | DOUGLAS |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 642 Mobile Frequency 806.5625 MHz | Base Frequency 851.5625 MHz | CEDAR |
| Channel | 642 Mobile Frequency 806.5625 MHz | Base Frequency 851.5625 MHz | DAWSON |
| Channel | 643 Mobile Frequency 806.5750 MHz | Base Frequency 851.5750 MHz | JOHNSON |
| Channel | 643 Mobile Frequency 806.5750 MHz | Base Frequency 851.5750 MHz | HALL |
| Channel | 643 Mobile Frequency 806.5750 MHz | Base Frequency 851.5750 MHz | ANTELOPE |
| Channel | 644 Mobile Frequency 806.5875 MHz | - · | DOUGLAS |
| Channel | 644 Mobile Frequency 806.5875 MHz | Base Frequency 851.5875 MHz | NANCE |
| Channel | 644 Mobile Frequency 806.5875 MHz | Base Frequency 851.5875 MHz | BANNER |
| Channel | 644 Mobile Frequency 806.5875 MHz | Base Frequency 851.5875 MHz | LINCOLN |
| Channel | 645 Mobile Frequency 806.6000 MHz | Rase Frequency 851 6000 MHz | RICHARDSON |
| Channel | 645 Mobile Frequency 806.6000 MHz | ž | BUFFALO |
| | · · | | |
| Channel | 646 Mobile Frequency 806.6125 MHz | ž | GAGE |
| Channel | 646 Mobile Frequency 806.6125 MHz | Base Frequency 851.6125 MHz | DODGE |
| Channel | 646 Mobile Frequency 806.6125 MHz | Base Frequency 851.6125 MHz | GARDEN |
| Channel | 647 Mobile Frequency 806.6250 MHz | Base Frequency 851 6250 MHz | RED WILLOW |
| Channel | 647 Mobile Frequency 806.6250 MHz | * * | HAMILTON |
| | <u> </u> | | |
| Channel | 648 Mobile Frequency 806.6375 MHz | Base Frequency 851.6375 MHz | SEWARD |
| Channel | 648 Mobile Frequency 806.6375 MHz | Base Frequency 851.6375 MHz | DAKOTA |
| Channel | 648 Mobile Frequency 806.6375 MHz | Base Frequency 851.6375 MHz | FRANKLIN |
| Channel | 648 Mobile Frequency 806.6375 MHz | Base Frequency 851.6375 MHz | SIOUX |
| | | | |

| Channel | 649 Mobile Frequency 806.6500 MHz | Base Frequency 851.6500 MHz | GUARD |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 650 Mobile Frequency 806.6625 MHz | Base Frequency 851.6625 MHz | TAC 7 |
| Channel | 651 Mobile Frequency 806.6750 MHz | Base Frequency 851.6750 MHz | GUARD |
| Channel | 652 Mobile Frequency 806.6875 MHz | Base Frequency 851.6875 MHz | MADISON |
| Channel | 653 Mobile Frequency 806.7000 MHz | Base Frequency 851.7000 MHz | OTOE |
| Channel | 653 Mobile Frequency 806.7000 MHz | Base Frequency 851.7000 MHz | MERRICK |
| Channel | 654 Mobile Frequency 806.7125 MHz | Base Frequency 851.7125 MHz | HOLT |
| Channel | 655 Mobile Frequency 806.7250 MHz | Base Frequency 851.7250 MHz | SARPY |
| Channel | 655 Mobile Frequency 806.7250 MHz | Base Frequency 851.7250 MHz | BUFFALO |
| Channel | 656 Mobile Frequency 806.7375 MHz | Base Frequency 851.7375 MHz | CLAY |
| Channel | 656 Mobile Frequency 806.7375 MHz | Base Frequency 851.7375 MHz | FURNAS |
| Channel | 657 Mobile Frequency 806.7500 MHz | Base Frequency 851.7500 MHz | LANCASTER |
| Channel | 657 Mobile Frequency 806.7500 MHz | Base Frequency 851.7500 MHz | CUSTER |
| Channel | 658 Mobile Frequency 806.7625 MHz | Base Frequency 851.7625 MHz | ADAMS |
| Channel | 658 Mobile Frequency 806.7625 MHz | Base Frequency 851.7625 MHz | PAWNEE |
| Channel | 658 Mobile Frequency 806.7625 MHz | Base Frequency 851.7625 MHz | WASHINGTON |
| Channel | 659 Mobile Frequency 806.7750 MHz | Base Frequency 851.7750 MHz | PHELPS |

| Channel | 660 Mobile Frequency 806.7875 MHz | Base Frequency 851.7875 MHz | DOUGLAS |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 661 Mobile Frequency 806.8000 MHz | Base Frequency 851.8000 MHz | CHEYENNE |
| Channel | 662 Mobile Frequency 806.8125 MHz | Base Frequency 851.8125 MHz | LANCASTER |
| Channel | 663 Mobile Frequency 806.8250 MHz | Base Frequency 851.8250 MHz | HALL |
| Channel | 664 Mobile Frequency 806.8375 MHz | Base Frequency 851.8375 MHz | Unassigned |
| Channel | 665 Mobile Frequency 806.8500 MHz | Base Frequency 851.8500 MHz | STATEWIDE |
| Channel | 666 Mobile Frequency 806.8625 MHz | Base Frequency 851.8625 MHz | Unassigned |
| Channel | 667 Mobile Frequency 806.8750 MHz | Base Frequency 851.8750 MHz | Unassigned |
| Channel | 668 Mobile Frequency 806.8875 MHz | Base Frequency 851.8875 MHz | STATEWIDE |
| Channel | 669 Mobile Frequency 806.9000 MHz | Base Frequency 851.9000 MHz | Unassigned |
| Channel | 670 Mobile Frequency 806.9125 MHz | Base Frequency 851.9125 MHz | STATEWIDE |
| Channel | 671 Mobile Frequency 806.9250 MHz | Base Frequency 851.9250 MHz | Unassigned |
| Channel | 672 Mobile Frequency 806.9375 MHz | Base Frequency 851.9375 MHz | GAGE |
| Channel | 672 Mobile Frequency 806.9375 MHz | - · · | BUFFALO |
| Channel | 673 Mobile Frequency 806.9500 MHz | Base Frequency 851.9500 MHz | DOUGLAS |

| Channel | 673 Mobile Frequency 806.9500 MHz | Base Frequency 851.9500 MHz | RED WILLOW |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 674 Mobile Frequency 806.9625 MHz | Base Frequency 851.9625 MHz | STATEWIDE* |
| Channel | 675 Mobile Frequency 806.9750 MHz | Base Frequency 851.9750 MHz | LANCASTER |
| Channel | 675 Mobile Frequency 806.9750 MHz | Base Frequency 851.9750 MHz | BUFFALO |
| Channel | 676 Mobile Frequency 806.9875 MHz | Base Frequency 851.9875 MHz | Unassigned |
| Channel | 677 Mobile Frequency 807.0125 MHz | Base Frequency 852.0125 MHz | TAC 3 |
| Channel | 678 Mobile Frequency 807.0375 MHz | Base Frequency 852.0375 MHz | STATEWIDE |
| Channel | 679 Mobile Frequency 807.0500 MHz | Base Frequency 852.0500 MHz | GUARD |
| Channel | 680 Mobile Frequency 807.0625 MHz | Base Frequency 852.0625 MHz | PHELPS |
| Channel | 680 Mobile Frequency 807.0625 MHz | Base Frequency 852.0625 MHz | LANCASTER |
| Channel | 681 Mobile Frequency 807.0750 MHz | Base Frequency 852.0750 MHz | MERRICK |
| Channel | 682 Mobile Frequency 807.0875 MHz | * * | LANCASTER |
| Channel | 682 Mobile Frequency 807.0875 MHz | Base Frequency 852.0875 MHz | CUSTER |
| Channel | 683 Mobile Frequency 807.1000 MHz | Base Frequency 852.1000 MHz | STATEWIDE* |
| Channel | 684 Mobile Frequency 807.1125 MHz | Base Frequency 852.1125 MHz | STATEWIDE* |
| Channel | 685 Mobile Frequency 807.1250 MHz | Base Frequency 852.1250 MHz | STATEWIDE |

| Channel | 686 Mobile Frequency 807.1375 MHz | Base Frequency 852.1375 MHz | Unassigned |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 687 Mobile Frequency 807.1500 MHz | Base Frequency 852.1500 MHz | Unassigned |
| Channel | 688 Mobile Frequency 807.1625 MHz | Base Frequency 852.1625 MHz | STATEWIDE |
| Channel | 689 Mobile Frequency 807.1750 MHz | Base Frequency 852.1750 MHz | Unassigned |
| Channel | 690 Mobile Frequency 807.1875 MHz | Base Frequency 852.1875 MHz | SAUNDERS |
| Channel | 690 Mobile Frequency 807.1875 MHz | | LINCOLN |
| Channel | 691 Mobile Frequency 807.2000 MHz | Base Frequency 852.2000 MHz | Unassigned |
| Channel | 692 Mobile Frequency 807.2125 MHz | Base Frequency 852.2125 MHz | STATEWIDE* |
| Channel | 693 Mobile Frequency 807.2250 MHz | Base Frequency 852.2250 MHz | DOUGLAS |
| Channel | 694 Mobile Frequency 807.2375 MHz | Base Frequency 852.2375 MHz | STATEWIDE* |
| Channel | 695 Mobile Frequency 807.2500 MHz | Base Frequency 852.2500 MHz | LANCASTER |
| Channel | 696 Mobile Frequency 807.2625 MHz | Base Frequency 852.2625 MHz | STATEWIDE* |
| Channel | 697 Mobile Frequency 807.2750 MHz | Base Frequency 852.2750 MHz | GUARD |
| Channel | 698 Mobile Frequency 807.2875 MHz | Base Frequency 852.2875 MHz | STATEWIDE |

| Channel | 699 Mobile Frequency 807.3000 MHz | Base Frequency 852.3000 MHz | GUARD |
|---------|-----------------------------------|-----------------------------|--------------------|
| Channel | 700 Mobile Frequency 807.3125 MHz | Base Frequency 852.3125 MHz | SAUNDERS |
| Channel | 701 Mobile Frequency 807.3250 MHz | Base Frequency 852.3250 MHz | STATEWIDE* |
| Channel | 702 Mobile Frequency 807.3375 MHz | Base Frequency 852.3375 MHz | LANCASTER |
| Channel | 703 Mobile Frequency 807.3500 MHz | Base Frequency 852.3500 MHz | Unassigned |
| Channel | 704 Mobile Frequency 807.3625 MHz | Base Frequency 852.3625 MHz | Unassigned |
| Channel | 705 Mobile Frequency 807.3750 MHz | Base Frequency 852.3750 MHz | STATEWIDE |
| Channel | 706 Mobile Frequency 807.3875 MHz | Base Frequency 852.3875 MHz | Unassigned |
| Channel | 707 Mobile Frequency 807.4000 MHz | Base Frequency 852.4000 MHz | STATEWIDE |
| Channel | 708 Mobile Frequency 807.4125 MHz | Base Frequency 852.4125 MHz | Unassigned/DOUGLAS |
| Channel | 709 Mobile Frequency 807.4250 MHz | Base Frequency 852.4250 MHz | GUARD |
| Channel | 710 Mobile Frequency 807.4375 MHz | Base Frequency 852.4375 MHz | YORK |
| Channel | 711 Mobile Frequency 807.4500 MHz | Base Frequency 852.4500 MHz | GUARD |
| Channel | 712 Mobile Frequency 807.4625 MHz | Base Frequency 852.4625 MHz | SAUNDERS |

| Channel | 713 Mobile Frequency 807.4750 MHz | Base Frequency 852.4750 MHz | STATEWIDE* |
|---------|-----------------------------------|-----------------------------|--------------------|
| Channel | 714 Mobile Frequency 807.4875 MHz | Base Frequency 852.4875 MHz | STATEWIDE* |
| Channel | 715 Mobile Frequency 807.5125 MHz | Base Frequency 852.5125 MHz | TAC 4 |
| Channel | 716 Mobile Frequency 807.5375 MHz | Base Frequency 852.5375 MHz | STATEWIDE* |
| Channel | 717 Mobile Frequency 807.5500 MHz | Base Frequency 852.5500 MHz | Unassigned |
| Channel | 718 Mobile Frequency 807.5625 MHz | Base Frequency 852.5625 MHz | STATEWIDE* |
| Channel | 719 Mobile Frequency 807.5750 MHz | Base Frequency 852.5750 MHz | Unassigned |
| Channel | 720 Mobile Frequency 807.5875 MHz | Base Frequency 852.5875 MHz | Unassigned/DOUGLAS |
| Channel | 721 Mobile Frequency 807.6000 MHz | Base Frequency 852.6000 MHz | Unassigned |
| Channel | 722 Mobile Frequency 807.6125 MHz | Base Frequency 852.6125 MHz | STATEWIDE* |
| Channel | 723 Mobile Frequency 807.6250 MHz | Base Frequency 852.6250 MHz | GAGE |
| Channel | 724 Mobile Frequency 807.6375 MHz | Base Frequency 852.6375 MHz | STATEWIDE* |
| Channel | 725 Mobile Frequency 807.6500 MHz | Base Frequency 852.6500 MHz | STATEWIDE |
| Channel | 726 Mobile Frequency 807.6625 MHz | Base Frequency 852.6625 MHz | STATEWIDE* |

| Channel | 727 Mobile Frequency 807.6750 MHz | Base Frequency 852.6750 MHz | STATEWIDE* |
|---------|-----------------------------------|-----------------------------|--------------------|
| Channel | 728 Mobile Frequency 807.6875 MHz | Base Frequency 852.6875 MHz | STATEWIDE* |
| Channel | 729 Mobile Frequency 807.7000 MHz | Base Frequency 852.7000 MHz | BUFFALO |
| Channel | 730 Mobile Frequency 807.7125 MHz | Base Frequency 852.7125 MHz | Unassigned/DOUGLAS |
| Channel | 731 Mobile Frequency 807.7250 MHz | Base Frequency 852.7250 MHz | STATEWIDE |
| Channel | 732 Mobile Frequency 807.7375 MHz | Base Frequency 852.7375 MHz | Unassigned |
| Channel | 733 Mobile Frequency 807.7500 MHz | Base Frequency 852.7500 MHz | SAUNDERS |
| Channel | 734 Mobile Frequency 807.7625 MHz | Base Frequency 852.7625 MHz | STATEWIDE* |
| Channel | 735 Mobile Frequency 807.7750 MHz | Base Frequency 852.7750 MHz | LANCASTER |
| Channel | 736 Mobile Frequency 807.7875 MHz | Base Frequency 852.7875 MHz | Unassigned |
| Channel | 737 Mobile Frequency 807.8000 MHz | Base Frequency 852.8000 MHz | LANCASTER |
| Channel | 738 Mobile Frequency 807.8125 MHz | Base Frequency 852.8125 MHz | Unassigned |
| Channel | 739 Mobile Frequency 807.8250 MHz | Base Frequency 852.8250 MHz | LANCASTER |
| Channel | 740 Mobile Frequency 807.8375 MHz | Base Frequency 852.8375 MHz | GUARD |

| Channel | 741 Mobile Frequency 807.8500 MHz | Base Frequency 852.8500 MHz | STATEWIDE |
|---------|-----------------------------------|-----------------------------|--------------------|
| Channel | 742 Mobile Frequency 807.8625 MHz | Base Frequency 852.8625 MHz | GUARD |
| Channel | 743 Mobile Frequency 807.8750 MHz | Base Frequency 852.8750 MHz | GAGE |
| Channel | 743 Mobile Frequency 807.8750 MHz | Base Frequency 852.8750 MHz | DODGE |
| Channel | 744 Mobile Frequency 807.8875 MHz | Base Frequency 852.8875 MHz | Unassigned |
| Channel | 745 Mobile Frequency 807.9000 MHz | Base Frequency 852.9000 MHz | STATEWIDE |
| Channel | 746 Mobile Frequency 807.9125 MHz | Base Frequency 852.9125 MHz | Unassigned |
| Channel | 747 Mobile Frequency 807.9250 MHz | Base Frequency 852.9250 MHz | STATEWIDE |
| Channel | 748 Mobile Frequency 807.9375 MHz | Base Frequency 852.9375 MHz | MERRICK |
| Channel | 749 Mobile Frequency 807.9500 MHz | Base Frequency 852.9500 MHz | BUFFALO |
| Channel | 750 Mobile Frequency 807.9625 MHz | Base Frequency 852.9625 MHz | Unassigned/DOUGLAS |
| Channel | 751 Mobile Frequency 807.9750 MHz | Base Frequency 852.9750 MHz | Unassigned |
| Channel | 752 Mobile Frequency 807.9875 MHz | Base Frequency 852.9875 MHz | Unassigned |
| Channel | 753 Mobile Frequency 808.0125 MHz | Base Frequency 853.0125 MHz | TAC 5 |
| Channel | 754 Mobile Frequency 808.0375 MHz | Base Frequency 853.0375 MHz | Unassigned |

| Channel | 755 Mobile Frequency 808.0500 MHz | Base Frequency 853.0500 MHz | WEBSTER |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 756 Mobile Frequency 808.0625 MHz | Base Frequency 853.0625 MHz | STATEWIDE* |
| Channel | 757 Mobile Frequency 808.0750 MHz | Base Frequency 853.0750 MHz | NUCKOLLS |
| Channel | 757 Mobile Frequency 808.0750 MHz | Base Frequency 853.0750 MHz | RED WILLOW |
| Channel | 757 Mobile Frequency 808.0750 MHz | Base Frequency 853.0750 MHz | SAUNDERS |
| Channel | 758 Mobile Frequency 808.0875 MHz | Base Frequency 853.0875 MHz | Unassigned |
| Channel | 759 Mobile Frequency 808.1000 MHz | Base Frequency 853.1000 MHz | LANCASTER |
| Channel | 760 Mobile Frequency 808.1125 MHz | Base Frequency 853.1125 MHz | Unassigned |
| Channel | 761 Mobile Frequency 808.1250 MHz | Base Frequency 853.1250 MHz | JOHNSON |
| Channel | 762 Mobile Frequency 808.1375 MHz | Base Frequency 853.1375 MHz | CUSTER |
| Channel | 763 Mobile Frequency 808.1500 MHz | Base Frequency 853.1500 MHz | DODGE |
| Channel | 763 Mobile Frequency 808.1500 MHz | Base Frequency 853.1500 MHz | HAMILTON |
| Channel | 764 Mobile Frequency 808.1625 MHz | Base Frequency 853.1625 MHz | LANCASTER |
| Channel | 764 Mobile Frequency 808.1625 MHz | Base Frequency 853.1625 MHz | BUFFALO |
| Channel | 765 Mobile Frequency 808.1750 MHz | Base Frequency 853.1750 MHz | WASHINGTON |
| Channel | 766 Mobile Frequency 808.1875 MHz | Base Frequency 853.1875 MHz | LANCASTER |

| Channel | 767 Mobile Frequency 808.2000 MHz | Base Frequency 853.2000 MHz | PHELPS |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 767 Mobile Frequency 808.2000 MHz | Base Frequency 853.2000 MHz | RICHARDSON |
| Channel | 767 Mobile Frequency 808.2000 MHz | Base Frequency 853.2000 MHz | HITCHCOCK |
| | | | |
| Channel | 768 Mobile Frequency 808.2125 MHz | Base Frequency 853.2125 MHz | DOUGLAS |
| Channel | 768 Mobile Frequency 808.2125 MHz | Base Frequency 853.2125 MHz | MERRICK |
| Channel | 768 Mobile Frequency 808.2125 MHz | Base Frequency 853.2125 MHz | LINCOLN |
| | | | |
| Channel | 769 Mobile Frequency 808.2250 MHz | Base Frequency 853.2250 MHz | GAGE |
| Channel | 769 Mobile Frequency 808.2250 MHz | Base Frequency 853.2250 MHz | BUFFALO |
| | | | |
| Channel | 770 Mobile Frequency 808.2375 MHz | Base Frequency 853.2375 MHz | Unassigned |
| | | | |
| Channel | 771 Mobile Frequency 808.2500 MHz | Base Frequency 853.2500 MHz | STATEWIDE |
| | | | |
| Channel | 772 Mobile Frequency 808.2625 MHz | Base Frequency 853.2625 MHz | Unassigned |
| | | | |
| Channel | 773 Mobile Frequency 808.2750 MHz | Base Frequency 853.2750 MHz | SALINE |
| Channel | 773 Mobile Frequency 808.2750 MHz | Base Frequency 853.2750 MHz | FRANKLIN |
| Channel | 773 Mobile Frequency 808.2750 MHz | Base Frequency 853.2750 MHz | KEITH |
| | | | |
| Channel | 774 Mobile Frequency 808.2875 MHz | Base Frequency 853.2875 MHz | HALL |
| | | | |
| Channel | 775 Mobile Frequency 808.3000 MHz | Base Frequency 853.3000 MHz | PLATTE |
| Channel | 775 Mobile Frequency 808.3000 MHz | Base Frequency 853.3000 MHz | WEBSTER |
| Channel | 775 Mobile Frequency 808.3000 MHz | | CASS |
| Channel | 775 Mobile Frequency 808.3000 MHz | - · · | DUNDY |
| | ± • | | |

| Channel | 776 Mobile Frequency 808.3125 MHz | Base Frequency 853.3125 MHz | YORK |
|---------|-----------------------------------|-----------------------------|--------------|
| Channel | 776 Mobile Frequency 808.3125 MHz | Base Frequency 853.3125 MHz | SCOTTS BLUFF |
| Channel | 776 Mobile Frequency 808.3125 MHz | Base Frequency 853.3125 MHz | LINCOLN |
| | | | |
| Channel | 777 Mobile Frequency 808.3250 MHz | Base Frequency 853.3250 MHz | NUCKOLLS |
| Channel | 777 Mobile Frequency 808.3250 MHz | Base Frequency 853.3250 MHz | PAWNEE |
| Channel | 777 Mobile Frequency 808.3250 MHz | Base Frequency 853.3250 MHz | SARPY |
| Channel | 777 Mobile Frequency 808.3250 MHz | Base Frequency 853.3250 MHz | RED WILLOW |
| Channel | 777 Mobile Frequency 808.3250 MHz | Base Frequency 853.3250 MHz | CHERRY |
| | | | |
| Channel | 778 Mobile Frequency 808.3375 MHz | Base Frequency 853.3375 MHz | Unassigned |
| | <u> </u> | | |
| Channel | 779 Mobile Frequency 808.3500 MHz | Base Frequency 853.3500 MHz | STATEWIDE |
| | · · | | |
| Channel | 780 Mobile Frequency 808.3625 MHz | Base Frequency 853.3625 MHz | Unassigned |
| | <u> </u> | | |
| Channel | 781 Mobile Frequency 808.3750 MHz | Base Frequency 853.3750 MHz | JOHNSON |
| Channel | 781 Mobile Frequency 808.3750 MHz | Base Frequency 853.3750 MHz | HALL |
| Channel | 781 Mobile Frequency 808.3750 MHz | Base Frequency 853.3750 MHz | DODGE |
| Channel | 781 Mobile Frequency 808.3750 MHz | Base Frequency 853.3750 MHz | CHASE |
| | 1 , | 1 | |
| Channel | 782 Mobile Frequency 808.3875 MHz | Base Frequency 853.3875 MHz | CUSTER |
| | 1 , | 1 | |
| Channel | 783 Mobile Frequency 808.4000 MHz | Base Frequency 853.4000 MHz | BOX BUTTE |
| Channel | 783 Mobile Frequency 808.4000 MHz | ž * | DODGE |
| | 1 | 1 | |
| Channel | 784 Mobile Frequency 808.4125 MHz | Base Frequency 853.4125 MHz | LANCASTER |
| | 1 - | ± • | |

| Channel | 784 Mobile Frequency 808.4125 MHz | Base Frequency 853.4125 MHz | BUFFALO |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 785 Mobile Frequency 808.4250 MHz | Base Frequency 853.4250 MHz | WASHINGTON |
| Channel | 786 Mobile Frequency 808.4375 MHz | Base Frequency 853.4375 MHz | HAMILTON |
| Channel | 786 Mobile Frequency 808.4375 MHz | Base Frequency 853.4375 MHz | GARDEN |
| Channel | 787 Mobile Frequency 808.4500 MHz | Base Frequency 853.4500 MHz | THAYER |
| Channel | 787 Mobile Frequency 808.4500 MHz | Base Frequency 853.4500 MHz | PHELPS |
| Channel | 787 Mobile Frequency 808.4500 MHz | Base Frequency 853.4500 MHz | RICHARDSON |
| Channel | 787 Mobile Frequency 808.4500 MHz | Base Frequency 853.4500 MHz | DOUGLAS |
| Channel | 787 Mobile Frequency 808.4500 MHz | Base Frequency 853.4500 MHz | HITCHCOCK |
| Channel | 787 Mobile Frequency 808.4500 MHz | Base Frequency 853.4500 MHz | HOLT |
| Channel | 788 Mobile Frequency 808.4625 MHz | Base Frequency 853.4625 MHz | ADAMS |
| Channel | 789 Mobile Frequency 808.4750 MHz | Base Frequency 853.4750 MHz | JEFFERSON |
| Channel | 789 Mobile Frequency 808.4750 MHz | Base Frequency 853.4750 MHz | HARLAN |
| Channel | 789 Mobile Frequency 808.4750 MHz | Base Frequency 853.4750 MHz | DOUGLAS |
| Channel | 789 Mobile Frequency 808.4750 MHz | Base Frequency 853.4750 MHz | KNOX |
| Channel | 789 Mobile Frequency 808.4750 MHz | Base Frequency 853.4750 MHz | ARTHUR |
| Channel | 790 Mobile Frequency 808.4875 MHz | Base Frequency 853.4875 MHz | NEMAHA |
| Channel | 790 Mobile Frequency 808.4875 MHz | Base Frequency 853.4875 MHz | NANCE |
| Channel | 790 Mobile Frequency 808.4875 MHz | * * | DAWSON |
| <u></u> | | | |
| Channel | 791 Mobile Frequency 808.5000 MHz | Base Frequency 853.5000 MHz | CLAY |

| Channel | 791 Mobile Frequency 808.5000 MHz | Base Frequency 853.5000 MHz | CEDAR |
|---------|-----------------------------------|-----------------------------|--------------|
| Channel | 792 Mobile Frequency 808.5125 MHz | Base Frequency 853.5125 MHz | DOUGLAS |
| Channel | 792 Mobile Frequency 808.5125 MHz | | ANTELOPE |
| Channel | 793 Mobile Frequency 808.5250 MHz | Base Frequency 853.5250 MHz | SALINE |
| Channel | 793 Mobile Frequency 808.5250 MHz | 1 2 | KEARNEY |
| Channel | 793 Mobile Frequency 808.5250 MHz | Base Frequency 853.5250 MHz | DIXON |
| Channel | 793 Mobile Frequency 808.5250 MHz | Base Frequency 853.5250 MHz | KEITH |
| Channel | 794 Mobile Frequency 808.5375 MHz | Base Frequency 853.5375 MHz | BOONE |
| Channel | 795 Mobile Frequency 808.5500 MHz | Base Frequency 853.5500 MHz | CUMING |
| Channel | 795 Mobile Frequency 808.5500 MHz | Base Frequency 853.5500 MHz | ADAMS |
| Channel | 795 Mobile Frequency 808.5500 MHz | Base Frequency 853.5500 MHz | FRONTIER |
| Channel | 796 Mobile Frequency 808.5625 MHz | Base Frequency 853.5625 MHz | PLATTE |
| Channel | 796 Mobile Frequency 808.5625 MHz | Base Frequency 853.5625 MHz | BROWN |
| Channel | 796 Mobile Frequency 808.5625 MHz | Base Frequency 853.5625 MHz | SCOTTS BLUFF |
| Channel | 797 Mobile Frequency 808.5750 MHz | Base Frequency 853.5750 MHz | YORK |
| Channel | 797 Mobile Frequency 808.5750 MHz | Base Frequency 853.5750 MHz | SARPY |
| Channel | 797 Mobile Frequency 808.5750 MHz | Base Frequency 853.5750 MHz | THURSTON |
| Channel | 797 Mobile Frequency 808.5750 MHz | Base Frequency 853.5750 MHz | KIMBALL |
| Channel | 797 Mobile Frequency 808.5750 MHz | Base Frequency 853.5750 MHz | LINCOLN |
| Channel | 798 Mobile Frequency 808.5875 MHz | Base Frequency 853.5875 MHz | COLFAX |
| Channel | 798 Mobile Frequency 808.5875 MHz | Base Frequency 853.5875 MHz | CHERRY |

| Channel | 799 Mobile Frequency 808.6000 MHz | Base Frequency 853.6000 MHz | WAYNE |
|---------|-----------------------------------|-----------------------------|-----------|
| Channel | 799 Mobile Frequency 808.6000 MHz | Base Frequency 853.6000 MHz | HALL |
| Channel | 799 Mobile Frequency 808.6000 MHz | Base Frequency 853.6000 MHz | MORRILL |
| Channel | 799 Mobile Frequency 808.6000 MHz | Base Frequency 853.6000 MHz | SARPY |
| | | | |
| Channel | 800 Mobile Frequency 808.6125 MHz | Base Frequency 853.6125 MHz | BUTLER |
| Channel | 800 Mobile Frequency 808.6125 MHz | Base Frequency 853.6125 MHz | GRANT |
| | | | |
| Channel | 801 Mobile Frequency 808.6250 MHz | Base Frequency 853.6250 MHz | MADISON |
| Channel | 801 Mobile Frequency 808.6250 MHz | Base Frequency 853.6250 MHz | HALL |
| Channel | 801 Mobile Frequency 808.6250 MHz | Base Frequency 853.6250 MHz | BLAINE |
| Channel | 801 Mobile Frequency 808.6250 MHz | Base Frequency 853.6250 MHz | CASS |
| | | | |
| Channel | 802 Mobile Frequency 808.6375 MHz | Base Frequency 853.6375 MHz | SEWARD |
| Channel | 802 Mobile Frequency 808.6375 MHz | Base Frequency 853.6375 MHz | DAKOTA |
| Channel | 802 Mobile Frequency 808.6375 MHz | Base Frequency 853.6375 MHz | WHEELER |
| Channel | 802 Mobile Frequency 808.6375 MHz | Base Frequency 853.6375 MHz | DEUEL |
| | | | |
| Channel | 803 Mobile Frequency 808.6500 MHz | Base Frequency 853.6500 MHz | STANTON |
| Channel | 803 Mobile Frequency 808.6500 MHz | Base Frequency 853.6500 MHz | SHERMAN |
| Channel | 803 Mobile Frequency 808.6500 MHz | Base Frequency 853.6500 MHz | BOX BUTTE |
| Channel | 803 Mobile Frequency 808.6500 MHz | - · | BOYD |
| | • • | • | |
| Channel | 804 Mobile Frequency 808.6625 MHz | Base Frequency 853.6625 MHz | POLK |
| Channel | 804 Mobile Frequency 808.6625 MHz | ž | BURT |
| Channel | 804 Mobile Frequency 808.6625 MHz | * * | GOSPER |
| Channel | 804 Mobile Frequency 808.6625 MHz | ± 7 | GARFIELD |
| | • • | • • | |

| Channel | 804 Mobile Frequency 808.6625 MHz | Base Frequency 853.6625 MHz | OTOE |
|---------|-----------------------------------|-----------------------------|------------|
| Channel | 804 Mobile Frequency 808.6625 MHz | Base Frequency 853.6625 MHz | CHEYENNE |
| | | | |
| Channel | 805 Mobile Frequency 808.6750 MHz | * * | PIERCE |
| Channel | 805 Mobile Frequency 808.6750 MHz | * * | HOWARD |
| Channel | 805 Mobile Frequency 808.6750 MHz | Base Frequency 853.6750 MHz | DAWES |
| | | | |
| Channel | 806 Mobile Frequency 808.6875 MHz | ž • | LANCASTER |
| Channel | 806 Mobile Frequency 808.6875 MHz | Base Frequency 853.6875 MHz | CUSTER |
| | | | |
| Channel | 807 Mobile Frequency 808.7000 MHz | • | THAYER |
| Channel | 807 Mobile Frequency 808.7000 MHz | * * | FURNAS |
| Channel | 807 Mobile Frequency 808.7000 MHz | ž • | RICHARDSON |
| Channel | 807 Mobile Frequency 808.7000 MHz | Base Frequency 853.7000 MHz | DOUGLAS |
| Channel | 807 Mobile Frequency 808.7000 MHz | Base Frequency 853.7000 MHz | HOLT |
| | | | |
| Channel | 808 Mobile Frequency 808.7125 MHz | Base Frequency 853.7125 MHz | ADAMS |
| Channel | 808 Mobile Frequency 808.7125 MHz | Base Frequency 853.7125 MHz | SIOUX |
| Channel | 808 Mobile Frequency 808.7125 MHz | Base Frequency 853.7125 MHz | DUNDY |
| | | | |
| Channel | 809 Mobile Frequency 808.7250 MHz | Base Frequency 853.7250 MHz | JEFFERSON |
| Channel | 809 Mobile Frequency 808.7250 MHz | Base Frequency 853.7250 MHz | HARLAN |
| Channel | 809 Mobile Frequency 808.7250 MHz | Base Frequency 853.7250 MHz | DOUGLAS |
| Channel | 809 Mobile Frequency 808.7250 MHz | Base Frequency 853.7250 MHz | KNOX |
| | | | |
| Channel | 810 Mobile Frequency 808.7375 MHz | Base Frequency 853.7375 MHz | NEMAHA |
| Channel | 810 Mobile Frequency 808.7375 MHz | Base Frequency 853.7375 MHz | NANCE |
| Channel | 810 Mobile Frequency 808.7375 MHz | Base Frequency 853.7375 MHz | GARDEN |

| Channel | 811 Mobile Frequency 808.7500 MHz | Base Frequency 853.7500 MHz | CLAY |
|---------|-----------------------------------|-----------------------------|--------------|
| Channel | 811 Mobile Frequency 808.7500 MHz | Base Frequency 853.7500 MHz | HAYES |
| Channel | 811 Mobile Frequency 808.7500 MHz | Base Frequency 853.7500 MHz | CEDAR |
| | | | |
| Channel | 812 Mobile Frequency 808.7625 MHz | Base Frequency 853.7625 MHz | DOUGLAS |
| Channel | 812 Mobile Frequency 808.7625 MHz | Base Frequency 853.7625 MHz | ANTELOPE |
| Channel | 812 Mobile Frequency 808.7625 MHz | Base Frequency 853.7625 MHz | SCOTTS BLUFF |
| | | | |
| Channel | 813 Mobile Frequency 808.7750 MHz | Base Frequency 853.7750 MHz | SALINE |
| Channel | 813 Mobile Frequency 808.7750 MHz | Base Frequency 853.7750 MHz | KEARNEY |
| Channel | 813 Mobile Frequency 808.7750 MHz | Base Frequency 853.7750 MHz | DIXON |
| Channel | 813 Mobile Frequency 808.7750 MHz | Base Frequency 853.7750 MHz | KEITH |
| | | | |
| Channel | 814 Mobile Frequency 808.7875 MHz | Base Frequency 853.7875 MHz | BOONE |
| Channel | 814 Mobile Frequency 808.7875 MHz | Base Frequency 853.7875 MHz | SARPY |
| Channel | 814 Mobile Frequency 808.7875 MHz | Base Frequency 853.7875 MHz | BANNER |
| | | | |
| Channel | 815 Mobile Frequency 808.8000 MHz | Base Frequency 853.8000 MHz | FILLMORE |
| Channel | 815 Mobile Frequency 808.8000 MHz | Base Frequency 853.8000 MHz | CUMING |
| Channel | 815 Mobile Frequency 808.8000 MHz | Base Frequency 853.8000 MHz | DAWSON |
| Channel | 815 Mobile Frequency 808.8000 MHz | Base Frequency 853.8000 MHz | CHASE |
| Channel | 815 Mobile Frequency 808.8000 MHz | Base Frequency 853.8000 MHz | SHERIDAN |
| | | | |
| Channel | 816 Mobile Frequency 808.8125 MHz | Base Frequency 853.8125 MHz | PLATTE |
| Channel | 816 Mobile Frequency 808.8125 MHz | Base Frequency 853.8125 MHz | BROWN |
| Channel | 816 Mobile Frequency 808.8125 MHz | Base Frequency 853.8125 MHz | ARTHUR |
| Channel | 816 Mobile Frequency 808.8125 MHz | Base Frequency 853.8125 MHz | SCOTTS BLUFF |
| | = | = | |

| Channel | 817 Mobile Frequency 808.8250 MHz | Base Frequency 853.8250 MHz | YORK |
|---------|-----------------------------------|-----------------------------|-----------|
| Channel | 817 Mobile Frequency 808.8250 MHz | Base Frequency 853.8250 MHz | VALLEY |
| Channel | 817 Mobile Frequency 808.8250 MHz | Base Frequency 853.8250 MHz | SARPY |
| Channel | 817 Mobile Frequency 808.8250 MHz | Base Frequency 853.8250 MHz | THURSTON |
| Channel | 817 Mobile Frequency 808.8250 MHz | Base Frequency 853.8250 MHz | PERKINS |
| Channel | 817 Mobile Frequency 808.8250 MHz | Base Frequency 853.8250 MHz | KIMBALL |
| | | | |
| Channel | 818 Mobile Frequency 808.8375 MHz | Base Frequency 853.8375 MHz | COLFAX |
| Channel | 818 Mobile Frequency 808.8375 MHz | Base Frequency 853.8375 MHz | ROCK |
| Channel | 818 Mobile Frequency 808.8375 MHz | Base Frequency 853.8375 MHz | MCPHERSON |
| | | | |
| Channel | 819 Mobile Frequency 808.8500 MHz | Base Frequency 853.8500 MHz | WAYNE |
| Channel | 819 Mobile Frequency 808.8500 MHz | Base Frequency 853.8500 MHz | GREELEY |
| Channel | 819 Mobile Frequency 808.8500 MHz | Base Frequency 853.8500 MHz | MORRILL |
| Channel | 819 Mobile Frequency 808.8500 MHz | Base Frequency 853.8500 MHz | SARPY |
| | | | |
| Channel | 820 Mobile Frequency 808.8625 MHz | Base Frequency 853.8625 MHz | BUTLER |
| Channel | 820 Mobile Frequency 808.8625 MHz | Base Frequency 853.8625 MHz | LOGAN |
| Channel | 820 Mobile Frequency 808.8625 MHz | Base Frequency 853.8625 MHz | KEYA PAHA |
| | | | |
| Channel | 821 Mobile Frequency 808.8750 MHz | Base Frequency 853.8750 MHz | MADISON |
| Channel | 821 Mobile Frequency 808.8750 MHz | Base Frequency 853.8750 MHz | HALL |
| Channel | 821 Mobile Frequency 808.8750 MHz | Base Frequency 853.8750 MHz | LOUP |
| Channel | 821 Mobile Frequency 808.8750 MHz | Base Frequency 853.8750 MHz | GRANT |
| Channel | 821 Mobile Frequency 808.8750 MHz | Base Frequency 853.8750 MHz | CASS |
| | | | |
| Channel | 822 Mobile Frequency 808.8875 MHz | Base Frequency 853.8875 MHz | SEWARD |

| Channel | 822 Mobile Frequency 808.8875 MHz | Base Frequency 853.8875 MHz | DAKOTA |
|---------|-----------------------------------|-----------------------------|--------------------|
| Channel | 822 Mobile Frequency 808.8875 MHz | Base Frequency 853.8875 MHz | WHEELER |
| Channel | 822 Mobile Frequency 808.8875 MHz | Base Frequency 853.8875 MHz | THOMAS |
| Channel | 822 Mobile Frequency 808.8875 MHz | Base Frequency 853.8875 MHz | DEUEL |
| | | | |
| Channel | 823 Mobile Frequency 808.9000 MHz | Base Frequency 853.9000 MHz | STANTON |
| Channel | 823 Mobile Frequency 808.9000 MHz | Base Frequency 853.9000 MHz | SHERMAN |
| Channel | 823 Mobile Frequency 808.9000 MHz | Base Frequency 853.9000 MHz | BOX BUTTE |
| Channel | 823 Mobile Frequency 808.9000 MHz | Base Frequency 853.9000 MHz | BOYD |
| | | | |
| Channel | 824 Mobile Frequency 808.9125 MHz | * * | POLK |
| Channel | 824 Mobile Frequency 808.9125 MHz | * * | BURT |
| Channel | 824 Mobile Frequency 808.9125 MHz | Base Frequency 853.9125 MHz | GOSPER |
| Channel | 824 Mobile Frequency 808.9125 MHz | Base Frequency 853.9125 MHz | GARFIELD |
| Channel | 824 Mobile Frequency 808.9125 MHz | Base Frequency 853.9125 MHz | HOOKER |
| Channel | 824 Mobile Frequency 808.9125 MHz | Base Frequency 853.9125 MHz | OTOE |
| Channel | 824 Mobile Frequency 808.9125 MHz | Base Frequency 853.9125 MHz | CHEYENNE |
| | | | |
| Channel | 825 Mobile Frequency 808.9250 MHz | | PIERCE |
| Channel | 825 Mobile Frequency 808.9250 MHz | Base Frequency 853.9250 MHz | HOWARD |
| Channel | 825 Mobile Frequency 808.9250 MHz | | BLAINE |
| Channel | 825 Mobile Frequency 808.9250 MHz | Base Frequency 853.9250 MHz | DAWES |
| Channel | 825 Mobile Frequency 808.9250 MHz | Base Frequency 853.9250 MHz | SAUNDERS |
| | | | |
| Channel | 826 Mobile Frequency 808.9375 MHz | Base Frequency 853.9375 MHz | STATEWIDE |
| | | | |
| Channel | 827 Mobile Frequency 808.9500 MHz | Base Frequency 853.9500 MHz | Unassigned/DOUGLAS |
| | | | |

Channel 828 Mobile Frequency 808.9625 MHz Base Frequency 853.9625 MHz STATEWIDE*

Channel 829 Mobile Frequency 808.9750 MHz Base Frequency 853.9750 MHz Unassigned

Channel 830 Mobile Frequency 808.9875 MHz Base Frequency 853.9875 MHz Unassigned

Maximum field strength for co-channel operation is 5.00 DBu

Maximum field strength for adj.-channel operation is 25.00 DBu

Iterations required for solution = 5

Number of channels used for solution = 224

Total number of channels assigned = 445

Total number of unassigned channels = 37

Total number of reserved channels = 41

Total number of co-channels assigned = 271

Probability of interference with the nearest * Co-channel user is between 0 % and 1 %

Adj.-channel user is between 0 % and 1 % * Estimated assuming a 40 DBu signal at the boundary

^{*} Restriction on locations, see page 80

APPENDIX 6

CURRENT AND PROJECTED PUBLIC SAFETY
CHANNEL LOADING STATISTICS

| | No. of Mobiles | No. of Frequencies | Projected Mobiles | No. of 800 MHz |
|-----------|----------------|--------------------|-------------------|-------------------|
| County | Licensed/1988 | Currently Assigned | Required in 2000 | Channels Proposed |
| Adams | 515 | 29 | 539 | 7 |
| Antelope | 178 | 15 | 169 | 4 |
| Arthur | 10 | 4 | 10 | 3 |
| Banner | 55 | 5 | 46 | 3 |
| Blaine | 35 | 6 | 33 | 3 |
| Boone | 95 | 10 | 91 | 4 |
| Box Butte | 454 | 36 | 500 | 5 |
| Boyd | 42 | 4 | 40 | 4 |
| Brown | 147 | 7 | 151 | 3 |
| Buffalo | 355 | 37 | 382 | 10 |
| Burt | 146 | 11 | 142 | 4 |
| Butler | 154 | 11 | 149 | 4 |
| Cass | 267 | 36 | 309 | 5 |
| Cedar | 113 | 12 | 108 | 4 |
| Chase | 122 | 11 | 120 | 3 |
| Cherry | 131 | 14 | 138 | 4 |
| Cheyenne | 225 | 24 | 215 | 5 |
| Clay | 149 | 15 | 147 | 4 |
| Colfax | 129 | 13 | 155 | 4 |

| County | No. of Mobiles Licensed/1988 | No. of Frequencies Currently Assigned | Projected Mobiles Required in 2000 | No. of 800 MHz Channels Proposed |
|----------|---------------------------------|--|---------------------------------------|-------------------------------------|
| | | | <u></u> | |
| Cuming | 123 | 11 | 126 | 4 |
| Custer | 369 | 33 | 358 | 5 |
| Dakota | 434 | 19 | 502 | 5 |
| Dawes | 115 | 15 | 117 | 4 |
| Dawson | 273 | 45 | 322 | 4 |
| Deuel | 37 | 14 | 37 | 3 |
| Dixon | 35 | 9 | 35 | 4 |
| Dodge | 434 | 24 | 531 | 7 |
| Douglas | 4,300 | 125 | 4,403 | 15 |
| Dundy | 81 | 7 | 76 | 3 |
| Fillmore | 100 | 8 | 98 | 3 3 |
| Franklin | 103 | 7 | 106 | 3 |
| Frontier | 43 | 9 | 41 | 3 |
| Furnas | 201 | 13 | 191 | 3 |
| Gage | 265 | 30 | 258 | 5 |
| Garden | 100 | 8 | 100 | 3 |
| Garfield | 30 | 3 | 29 | 3 |
| Gosper | 45 | 14 | 43 | 3 3 |
| Grant | 5 | 2 | 5 | 3 |
| Greeley | 58 | 6 | 58 | 3 |
| Hall | 534 | 45 | 619 | 10 |
| Hamilton | 161 | 13 | 193 | 4 |
| Harlan | 42 | 6 | 42 | 3 3 |
| Hayes | 32 | 9 | 31 | 3 |

| | No. of Mobiles | No. of Frequencies | Projected Mobiles | No. of 800 MHz |
|-----------|----------------|--------------------|-------------------|-------------------|
| County | Licensed/1988 | Currently Assigned | Required in 2000 | Channels Proposed |
| Hitchcock | 126 | 11 | 123 | 3 |
| Holt | 311 | 14 | 287 | 4 |
| Hooker | 25 | 3 | 25 | 3 |
| Howard | 144 | 11 | 140 | 4 |
| Jefferson | 135 | 16 | 132 | 4 |
| Johnson | 56 | 8 | 56 | 4 |
| Kearney | 103 | 22 | 127 | 4 |
| Keith | 146 | 17 | 177 | 5 |
| Keya Paha | 10 | 1 | 10 | 3 |
| Kimball | 149 | 12 | 141 | 3 |
| Knox | 123 | 13 | 120 | 4 |
| Lancaster | 2,574 | 86 | 2,911 | 15 |
| Lincoln | 407 | 26 | 519 | 7 |
| Logan | 38 | 5 | 37 | 3 |
| Loup | 110 | 16 | 103 | 3 |
| Madison | 292 | 28 | 340 | 5 |
| McPherson | 5 | 3 | 6 | 3 |
| Merrick | 181 | 15 | 221 | 4 |
| Morrill | 123 | 26 | 125 | 4 |
| Nance | 67 | 7 | 66 | 4 |
| Nemaha | 152 | 9 | 152 | 4 |
| Nuckolls | 103 | 10 | 99 | 3 |
| Otoe | 292 | 26 | 283 | 5 |
| Pawnee | 47 | 11 | 48 | 3 |

| | No. of Mobiles | No. of Frequencies | Projected Mobiles | No. of 800 MHz |
|--------------|----------------|--------------------|-------------------|-------------------|
| County | Licensed/1988 | Currently Assigned | Required in 2000 | Channels Proposed |
| Perkins | 155 | 9 | 149 | 3 |
| Phelps | 171 | 29 | 196 | 5 |
| Pierce | 195 | 16 | 186 | 4 |
| Platte | 243 | 17 | 287 | 5 |
| Polk | 101 | 12 | 102 | 4 |
| Red Willow | 193 | 27 | 220 | 5 |
| Richardson | 217 | 29 | 215 | 5 |
| Rock | 64 | 6 | 65 | 3 |
| Saline | 384 | 28 | 464 | 5 |
| Sarpy | 650 | 53 | 780 | 10 |
| Saunders | 387 | 26 | 478 | 6 |
| Scotts Bluff | 420 | 40 | 508 | 7 |
| Seward | 302 | 13 | 360 | 5 |
| Sheridan | 113 | 13 | 105 | 3 |
| Sherman | 52 | 6 | 53 | 3 |
| Sioux | 89 | 4 | 89 | 3 |
| Stanton | 19 | 5 | 22 | 4 |
| Thomas | 27 | 5 | 26 | 3 |
| Thurston | 197 | 16 | 189 | 4 |
| Valley | 57 | 18 | 53 | 3 |
| Washington | 163 | 26 | 201 | 5 |
| Wayne | 157 | 11 | 158 | 3 |
| Webster | 89 | 13 | 88 | 3 |
| Wheeler | 25 | 2 | 23 | 3 |
| York | 220 | 16 | 255 | 6 |

| County | No. of Mobiles Licensed/1988 | No. of Frequencies Currently Assigned | Projected Mobiles Required in 2000 | No. of 800 MHz Channels Proposed |
|--------|---------------------------------|--|------------------------------------|-------------------------------------|
| TOTAL | 21,764 | 1,620 | 23,395 | 139 (due to reuse) |

SOURCE: 1988 - Federal Communications Radio Licenses, complied by the Nebraska Division of Communications. 2000 - Based on Population Percentages from Appendix 3.

APPENDIX 7

STATE OF NEBRASKA (GOVERNMENTAL) FREQUENCY ASSIGNMENT

The following frequencies will be assigned to all State agencies including State Colleges and Universities. The frequencies will be used anywhere throughout the State to allow for access into any trunked site. This will provide statewide communications to all State agencies and political subdivisions.

| Channel | <u>Base</u> | <u>Mobile</u> | <u>Use</u> |
|---------|-------------|---------------|---------------|
| 665 | 851.8500 | 806.8500 | State Use |
| 668 | 851.8875 | 806.8875 | State Use |
| 670 | 851.9125 | 806.9125 | State Use |
| 674 | 851.9625 | 806.9625 | State Use* |
| 678 | 852.0375 | 807.0375 | State Use |
| 679 | 852.0500 | 807.0500 | Guard Channel |
| 683 | 852.1000 | 807.1000 | State Use* |
| 684 | 852.1125 | 807.1125 | State Use* |
| 685 | 852.1250 | 807.1250 | State Use |
| 688 | 852.1625 | 807.1625 | State Use |
| 692 | 852.2125 | 807.2125 | State Use |
| 694 | 852.2375 | 807.2375 | State Use* |
| 696 | 852.2625 | 807.2625 | State Use* |
| 697 | 852.2750 | 807.2750 | Guard Channel |
| 698 | 852.2875 | 807.2875 | State Use |
| 699 | 852.3000 | 807.3000 | Guard Channel |
| 701 | 852.3250 | 807.3250 | State Use* |
| 705 | 852.3750 | 807.3750 | State Use |
| 707 | 852.4000 | 807.4000 | State Use |
| 713 | 852.4750 | 807.4750 | State Use* |
| 714 | 852.4875 | 807.4875 | State Use* |
| | | | |

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APPENDIX 7

STATE OF NEBRASKA (GOVERNMENTAL)
FREQUENCY ASSIGNMENT

| Channel | <u>Base</u> | <u>Mobile</u> | <u>Use</u> |
|---------|-------------|---------------|---------------|
| 716 | 852.5375 | 807.5375 | State Use* |
| 718 | 852.5625 | 807.5625 | State Use* |
| 722 | 852.6125 | 807.6125 | State Use* |
| 724 | 852.6375 | 807.6375 | State Use* |
| 725 | 852.6500 | 807.6500 | State Use |
| 726 | 852.6625 | 807.6625 | State Use |
| 727 | 852.6750 | 807.6750 | State Use |
| 728 | 852.6875 | 807.6875 | State Use |
| 731 | 852.7250 | 807.7250 | State Use |
| 734 | 852.7625 | 807.7625 | State Use* |
| 740 | 852.8375 | 807.8375 | Guard Channel |
| 741 | 852.8500 | 807.8500 | State Use |
| 742 | 852.8625 | 807.8625 | Guard Channel |
| 745 | 852.9000 | 807.9000 | State Use |
| 771 | 853.2500 | 808.2500 | State Use |
| 779 | 853.3500 | 808.3500 | State Use |

RESTRICTED USE FREQUENCIES

Frequencies or channel designators annotated with an asterisk (*) denotes that the frequency is restricted from use in specific areas. Following is a list of those frequencies annotated with an asterisk and the restricted area(s).

| Channel | <u>Area</u> | <u>Restrictions</u> |
|---------|-------------|--|
| 674 | Statewide | Will not be used within 75 miles of Colorado or Kansas |
| 683 | Statewide | Will not be used within 75 miles of Wyoming or South Dakota |
| 684 | Statewide | Will not be used within 75 miles of South Dakota |
| 694 | Statewide | Will not be used within 75 miles of Wyoming |
| 696 | Statewide | Will not be used within 75 miles of Wyoming |
| 701 | Statewide | Will not be used within 75 miles of Missouri |
| 713 | Statewide | Will not be used within 75 miles of Colorado |
| 714 | Statewide | Will not be used within 75 miles of Colorado and Wyoming |
| 716 | Statewide | Will not be used within 75 miles of Wyoming |
| 718 | Statewide | Will not be used within 75 miles of Wyoming and South Dakota |
| 722 | Statewide | Will not be used within 75 miles of Wyoming and South Dakota |
| 724 | Statewide | Will not be used within 75 miles of South Dakota |
| 734 | Statewide | Will not be used within 75 miles of Wyoming |
| 756 | Statewide | Will not be used within 75 miles of Wyoming |
| 828 | Statewide | Will not be used within 75 miles of Colorado |

APPENDIX 8

STATE AGENCY CHANNEL LOADING

| | NO. MOBILES | NO. FREQ. | NO. MOBILES |
|--------------------------------|-------------|-----------|-------------|
| AGENCY | 1988 | 1988 | 2000 (EST) |
| Adjutant General/Civil Defense | 10 | 8 | 236 |
| Department of Aeronautics | 5 | 2 | 5 |
| Department of Agriculture | 1 | 1 | 5 |
| Attorney General | 5 | 1 | 5 |
| Brand Committee | 5 | 1 | 5 |
| Building Division | 30 | 1 | 50 |
| Chadron State College | 10 | 1 | 15 |
| Division of Communications | 5 | 5 | 5 |
| Department of Corrections | 150 | 10 | 345 |
| Department of Education | 16 | 5 | 50 |
| Electrical Division | 10 | 1 | 10 |
| Environmental Control | 7 | 2 | 7 |
| Fair Office | 0 | 0 | 10 |
| Fire Marshal | 12 | 5 | 25 |
| Game & Parks Commission | 355 | 10 | 525 |
| Governor's Office | 18 | 2 | 20 |
| Health Department | 0 | 11 | 150 |
| Historical Society | 5 | 2 | 5 |
| Department of Institutions | 25 | 3 | 40 |
| Kearney State College | 10 | 4 | 20 |
| Department of Labor | 0 | 0 | 10 |
| Liquor Control | 0 | 1 | 5 |
| Metro Tech Community College | 35 | 2 | 40 |
| Motor Vehicle License Board | 5 | 1 | 10 |
| Department of Motor Vehicles | 20 | 2 | 35 |
| Natural Resources Commission | 0 | 0 | 10 |
| Nebraska State Patrol | 700 | 11 | 1,208 |
| Peru State College | 2 | 1 | 10 |
| Probation Administration | 2 | 1 | 20 |
| Public Service Commission | 1 | 1 | 5 |
| Racing Commission | 5 | 1 | 30 |
| Department of Revenue | 0 | 0 | 10 |
| Department of Roads | 2,600 | 8 | 3,150 |
| Southeast Community College | 4 | 1 | 20 |

| Department of Social Services | | 0 | 0 | 40 |
|-------------------------------|---------------|-------|----|-------|
| State Surveyor | | 2 | 1 | 5 |
| University of Nebras | ka-Lincoln | 75 | 14 | 130 |
| University of Nebras | ka-Omaha | 50 | 4 | 75 |
| University of Nebras | ka-Med Center | 55 | 24 | 75 |
| Water Resources | | 10 | 1 | 10 |
| Wayne State College |) | 15 | 2 | 20 |
| 41 Agencies | Totals | 4,260 | - | 6,451 |

The difference between 1988 and the year 2000 is 2,200 mobile units. This represents an increase of approximately 51%.

SOURCE: 1988 - FCC Radio Licenses compiled by the Nebraska Division of Communications. 2000 - Based on agency projections.