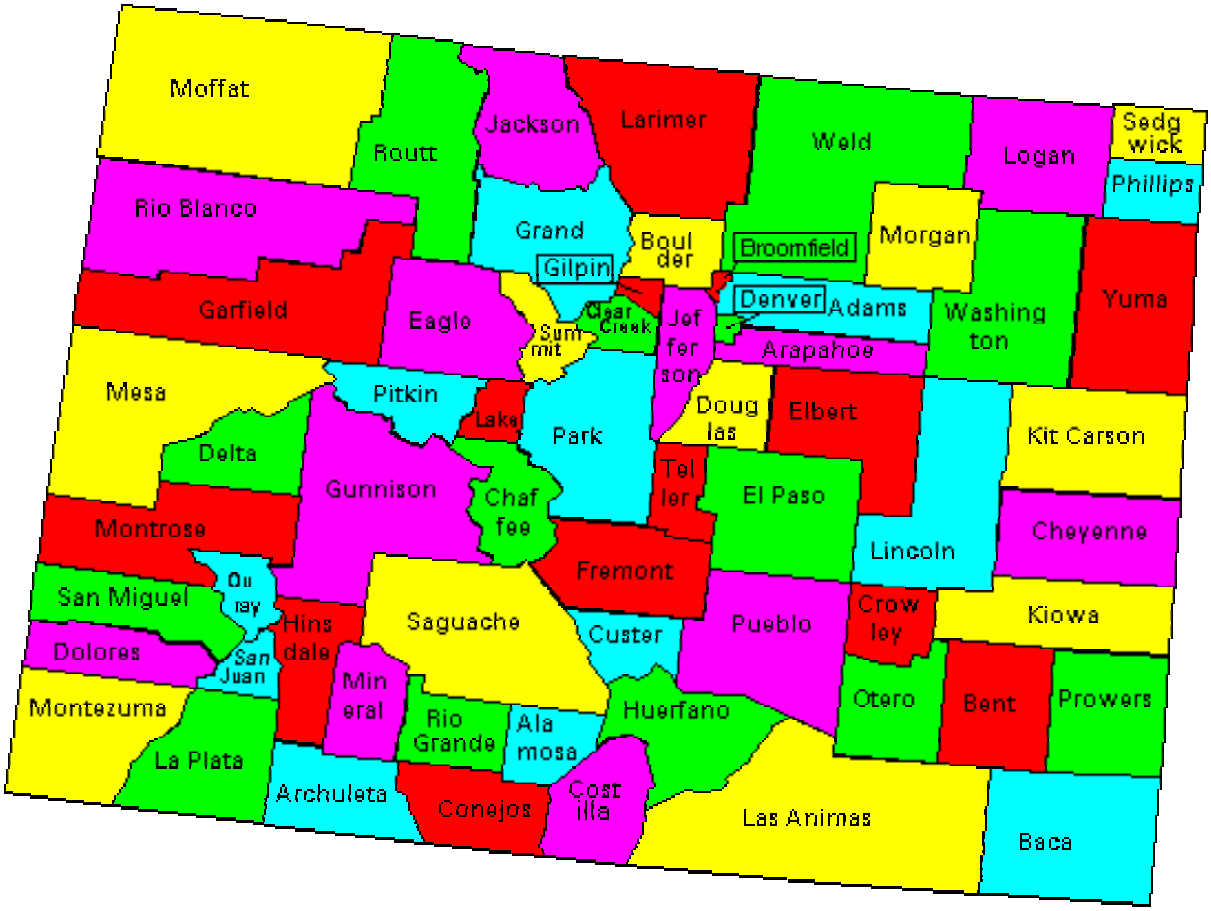

Region 7 – Colorado
700 MHz Regional Plan

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This document is the 700 MHz Regional Plan for Region 7, Colorado. This Plan establishes the procedures by which the Region will allocate and implement the 700 MHz General Use spectrum. The Plan was developed over a four-year period during which the Committee received input from representatives of entities eligible to hold licenses in the 700 MHz band as well as representatives from the Federal government, Native American Tribal Nations, consultants, vendors and interested members of the public. The main elements of the Plan are these:

- Spectrum Allocations will be made based on written or verbal requests from applicants at regularly scheduled RPC meetings. The Plan spells out what information and technical details must be included in the application package. Applications will be reviewed by the Frequency Advisory Committee who will provide a report and a recommendation on each application received at the next full RPC meeting. RPC members will have an opportunity to review and approve or protest the application. Once approved, the applications will be forwarded to a frequency coordinator for processing.

- The CAPRAD database will be used to administer the 700 MHZ General Use spectrum and the Region will update that database as licensed are granted.

- Inter and Intra-Regional dispute resolution procedures have been developed. Inter-Regional Dispute Agreements have been signed by all adjoining Regions

- The Region will administer the Interoperability Channels via a Region 7 Interoperability Executive Committee (RIEC), using the guidelines developed by the NCC

- Procedures have been developed to address the handling of 'orphan channels', the allocation of low power channels and channels for low power secondary use

- Allocations of the narrowband channels will be made on the basis of one 25 kHz channel for every two voice channel requests and one 12.5 kHz channel per each narrowband data channel request

- The wideband channels have been pre-allotted so that each county has a minimum of 150 KHz of contiguous bandwidth

- If two or more competing, mutually exclusive applications are received, the Committee will use a scoring matrix to determine which applicant will receive channels

- Applicants must acknowledge that the FCC requires a conversion to 6.25 kHz or equivalent technology by 12/31/2016.

- All adjacent Regions that have provided written concurrence with Region 7's Plan are attached as Appendix H.

1. Regional Committee Positions

1.1 Regional Chair

At the first regional plan meeting on April 20, 2001, *Emery Reynolds* was elected as *Regional Chair*. His contact information is below:

Emery Reynolds
Arapahoe County Sheriff's Office
5002 South Newton Street
Littleton, CO 80123-1712
Phone 303-795-2281 / Mobile 303-328-1862
FAX: 720-920-4000
Email: EmReynolds@aol.com

1.2 Other Officers

At the regional plan meeting on July 29th, 2003 the Committee elected three new members. Tom Meggitt was elected Vice Chair of the Committee. His contact information is below:

Tom Meggitt
Denver Police Department
Electronic Engineering Bureau
1930 35th Street
Denver, Colorado 80216
Phone 303-295-4399
Email meggittt@ci.denver.co.us

At the regional plan meeting on July 29th, 2003 *Dana Hansen* was elected *Secretary* of the RPC. Her Contact information is below:

Dana Hansen
Denver Police Department
Electronic Engineering Bureau
1930 35th Street
Phone 303-295-4384
Fax 303-295-4386
Email hansend@ci.denver.co.us

At the regional plan meeting on July 29th, 2003 *Mark Stanley* was elected *Treasurer*. His Contact information is below:

Mark Stanley
Arvada Police Department
8101 Ralston Road
Arvada, Colorado 80002
Phone 720-898-6667
Email mark-s@arvada.org

2. Regional Plan Committee (R.P.C.) Membership

Appendix C, Tab 3 contains the membership list, addresses, telephone numbers, agency affiliation and voting status of the current members of Region 7. Membership is open to any interested party. Voting and operating procedures are described in sections of this Regional Plan and the Bylaws (Appendix E). Membership includes members from Police, Fire , EMS, City, County, State, and Federal Government to include the Southern Ute Tribe and representative from Buckley Air Force Base. Approximately half the counties in Region 7 have active participants. Three working subcommittees have been established to work on specific issues. The three subcommittees and chairperson are listed below. Membership of these committees is listed in Appendix A.

Bylaws Committee – Barbara Griebel, Chairperson
Frequency Advisory Committee – Dennis Kalvels , Chairperson
Core Workgroup Committee – Gary Pasicznyk, Chairperson

3. Region Description

Region 7 commonly referred to as State of Colorado, consists of 64 counties – Adams, Alamosa, Arapahoe, Archuleta, Baca, Bent, Boulder, Broomfield, Chaffee, Cheyenne, Clear Creek, Conejos, Costilla, Crowley, Custer, Delta, Denver, Dolores, Douglas, Eagle, El Paso, Elbert, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Kiowa, Kit Carson, La Plata, Lake, Larimer, Las Animas, Lincoln, Logan, Mesa, Mineral, Moffat, Montezuma, Montrose, Morgan, Otero, Ouray, Park, Phillips, Pitkin, Prowers, Pueblo, Rio Blanco, Rio Grande, Routt, Saguache, San Juan, San Miguel, Sedgwick, Summit, Teller, Washington, and Weld. There are two (2) Colorado federally recognized Indian Tribes in Region 7 they are the Ute Mountain and Southern Ute tribes.

The Colorado terrain is varied and rugged. Elevations range from about 3000 feet to over 14,000 feet above sea level. Population is concentrated along the front range of the mountains (eastern side) with most of that in the Denver Metropolitan area and the Colorado Springs/El Paso County areas.

Other areas of Colorado have small concentrated areas of population with vast areas of mountains and high plains with sparse population. The Denver Metropolitan area, including its surrounding areas, Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, and Jefferson Counties, requires a large amount of spectrum to support public safety services to the 2+ million citizens. All types of public safety agencies and services are located in this region.

4. Notification Process

The First Regional Plan Meeting was held on April 20, 2001. The FCC did issue a Public notice (DA 01-547, see Exhibit 1) for this meeting. Notices were sent by mail/email to APCO, FCCA, IMSA, ASHTO and the FCC. Region 7 gave all eligible entities within the region 60 days notice prior to the first meeting. The meeting was advertised in the APCO

Magazine and the APCO/NENA Microphone (the local Association of Public Safety Communications Officials (APCO) chapter, and National Emergency Number Association (NENA) chapter) News Letter. The convener, Emery Reynolds also contacted several agencies via email that had expressed interest in the planning process. The APCO/NENA Microphone is sent monthly to nearly all public safety agencies and was considered the primary notification method.

Tribal Nations, State Emergency Management, National Security and Homeland Security personnel were notified. Details are attached in Appendix C.

The second meeting was held on October 26, 2001. The FCC did issue a Public notice for this meeting. The meeting was again advertised in the APCO/NENA Microphone. During the meeting an opportunity was given for anyone not at the first meeting to object and ask for a revote on decisions made. No one came forward to object. As the primary purpose of the planning effort is to allocate spectrum to public safety agencies needing additional spectrum, the Committee made special efforts to allow agencies to come forward and demonstrate a need for additional spectrum.

This was advertised at APCO/NENA monthly Meetings and in the APCO/NENA Microphone. The local APCO frequency advisor personally contacted several agencies he knew of that had unfilled needs that were long standing. All meeting notices, minutes and members of the committees are shown in the appendixes of this plan.

5. Regional Plan Administration

5.1 Operations of the Regional Plan Committee

All decisions will be by clear consensus vote with each Member Agency having one vote. The meetings are open to all persons and a public input time is given for anyone to express a viewpoint or to have input to the planning.

Workgroups or Committees are formed as needed to work on specific issues. For the initial planning, three workgroups were formed-writing group (Core Group), spectrum planning group (Frequency Advisory Committee) and operations group (Bylaws Committee). Workgroups are intended to work on details of specific issues and make recommendations to the full committee. Workgroups are open to any who want to participate. The Committee appoints the Chair for each workgroup.

A minimum of one meeting per year will be held of the full Regional Planning Committee (RPC). This will be announced and advertised 30 days in advance by the Committee Chair. Any changes to the Regional plan must be voted and approved by the full Regional Plan Committee.

After the Federal Communications Commission approval of this Regional Plan, the Chair shall call a meeting of the Committee to elect a Chair, Vice Chair and Secretary to serve for two years. There is no limit to the number of terms that may

be served in accordance with the bylaws Appendix E (Bylaws).

If the Chair is unable to serve a complete term the Vice Chair will serve as Chair until the next election meeting. If both the Chair and Vice Chair are unable to serve their full terms one or the other should strive to call a special meeting of the Committee to elect replacements. If for some reason, neither the Chair nor the Vice Chair can call the special meeting, the State or any County within the region may call for a special meeting, giving at least 30 days notice, to elect replacements.

5.2 Procedure for Requesting Spectrum Allocations

After plan approval, agencies desiring a spectrum allocation shall provide written or verbal notification at a scheduled Region 7, 700 MHz Regional Committee meeting, their intent to submit a written request. Written requests indicating an agency's need for spectrum shall be submitted to the Chair of the Regional Planning Committee, with a copy of the request submitted to the Chair of the Frequency Advisory Committee. The Chair of the Frequency Advisory Committee will enter appropriate information into CAPRAD. The requests will be considered, provided that harmful interference is not caused to existing users. The technical parameters to determine the extent of any possible interference are given in Section 7, of this Plan.

Application package to include:

1. Description of the proposed system

2. Justification to include:
    - Compliance to criteria; Appendix D.
    - Spectrum loading.
    - Specific bandwidth purpose.
    - Specify frequency request and reasons why.
    - Specify what spectrum and technology has been considered, and the reason(s) it won't work for your organization.
    - Point to point vs. wide area.
    - Substantiated Funding description

3. FCC 601 Application

4. Interference protection map reference current TSB-88 guidelines

Requests for spectrum allocation grants are **not** a first come first served procedure. Justification is required for obtaining spectrum. Allocations shall remain unassigned until such time that potential users can submit a plan, a schedule, loading and substantiate funding. Upon receipt of an application, the Chair of the RPC or designee, will log receipt of the application, annotate the type of request, and acknowledge the receipt of the application via e-mail notification. The Chair of the

Frequency Advisory Committee (FAC) will convene a meeting of the committee to review the spectrum applications for verification of criteria and make recommendations to the RPC for approval of channel assignment grants. The Region's frequency pre-allotment plan, attached as Appendix L (Frequency Pre-Allotments Plan), will initially be used for channel assignments. FAC will manage the channel grants with final approval by RPC. Applications for channel grants should meet the criteria (in Appendix D) in order to expedite approval. If competing channel requests are received, the criteria matrix will be used to evaluate competing applications within the region. The total number of points will be used to allocate channels proportionately to the competing applicant. Some aspects of criteria may be subjective. The FAC makes final determination on how the criteria are applied. The FAC will report to the RPC at the next regularly scheduled meeting the current standing of the request for inclusion in the RPC meeting minutes. At that meeting, the application will be available to all other agencies for review and approval. From the date of the RPC meeting, an agency has 30 days to file a protest to the application with the RPC Chairperson. Absent a protest, the application is considered approved by the RPC.

Protests will only be considered if the allocation does not conform to plan criteria, or an agency or the Chair can show harmful interference is likely based on the input submitted by the agency requesting the new allocation. If the parties cannot resolve the issues within 14 calendar days and so inform the Chair, then a full Committee meeting will be scheduled to consider and vote on the protest. Absent a protest, the allocation will be approved by the Chair and submitted to the applicant's chosen frequency coordinator for processing.

Spectrum allocations will be recommended for approval by the RPC on an as justified basis. Upon completion of each request, a progress report submitted by the applicant shall be reviewed and approved by the RPC. The report will be reviewed by the RPC/FAC for compliance with the submitted plan, funding, loading and schedule. Upon approval of the report the RPC/FAC may grant the next increment of frequency allocation upon request. This process will be repeated until the total spectrum allocation has been granted. This process would prevent agencies from applying for spectrum and not using it. The RPC will notify the FCC of any non-used licensed frequencies. This allows for unused frequencies to be returned to an un-licensed pool for re-licensing to other agencies. Applications for frequencies in excess of the pre-allotment plan found in Appendix L shall clearly state that the request is for additional frequencies.

Chair and Vice Chair of FAC will have editing privileges of the CAPRAD database. All others will have Read Only privileges.

5.3 Procedure for Frequency Coordination

Before applicants submit an application to one of the FCC recognized frequency coordinators, the application must be approved at a meeting of the Frequency

Advisory Committee, a sub-committee of the Regional Planning Committee. The Frequency Advisory Committee will review the application to ensure it complies with all elements of the Regional Plan.

Applicants must submit a copy of the FCC application and supporting documents to the Frequency Advisory Committee Chair. An interference prediction map must be included in the documentation. The current version of TIA/EIA TSB88 will be used to produce the interference map. The map must show all interference predicted using current TSB88 guidelines. Any existing agency with co-channel or adjacent channel allocations may request through the Regional Planning Committee (RPC) the applicant to conduct field tests of signal levels to verify predicted destructive interference signal levels. Applicants must be prepared to conduct these field tests if a request is made. All applicants must meet the coverage criteria of Section 7.

The Frequency Advisory Committee's review of the application will NOT be a review to ensure that the application meets FCC requirements for filing.

5.4 Bylaws

The Region 7 Bylaws are attached at Appendix E.

5.5 Intra-Regional Dispute Resolution

In the event an agency disputes the implementation of this plan after FCC approval, the agency must notify the Chair of the dispute in writing. This section does not apply to protests over new spectrum allocations (see Section 5.2).

The Chair will attempt to resolve the dispute on an informal basis. If a party to the dispute employs the Chair, then the Vice Chair will attempt resolution. In such cases, the Chair shall be deemed to have a conflict of interest and will be precluded from voting on such matters.

If after 30 days the dispute is not resolved, the Chair (or Vice Chair) will appoint an ad-hoc Dispute Resolution Committee. The committee shall be comprised of a member from the State of Colorado and members selected from representatives of the counties in the region, and two members from major metropolitan areas. No member selected may be from an agency involved in the dispute. That committee will select a Chair to head the committee. The Regional Plan Chair (or Vice Chair) will represent the Region in presentations to the Dispute Resolution Committee.

The Committee will hear input from the disputing agency, any effected agencies and the Region Chair. The Committee will then meet in executive session to prepare a recommendation to resolve the dispute. Should this recommendation not be acceptable to the disputing agencies, the dispute and all written documentation will be forwarded to the Federal Communications Commission for final resolution.

5.6 Inter-Regional Dispute Resolution Process

Should a dispute arise between Colorado and any of the adjacent Regions, Colorado will abide by the attached Intra-Regional Dispute Resolution Process (IDRP) Agreements (see Appendix F, Dispute Resolution Guide). IDRP Agreements have been negotiated between Colorado and adjacent regions (See Appendix G, Adjacent Regions Concurrence).

6 Interoperability Channels

6.1 Introduction

The ability for agencies to effectively respond to mutual aid requests directly depends on their ability to communicate with each other. Colorado is subject to many natural disasters and mutual aid is a common necessity among agencies. This Plan seeks to facilitate the communications necessary for effective mutual aid.

The Regional Plan Committee will administer the interoperability channels via a Region 7 Interoperability Executive Committee (RIEC), a subcommittee function of the Core Workgroup Committee of the Regional Planning Committee, under National Coordination Committee's (NCC) guidelines once work on the Regional Plan is completed. This Plan also gives the following guidance to the RIEC to take into account the needs of Colorado.

6.2 Tactical Channels.

This Region may set aside additional channels beyond those established by the FCC in their band allocations, for interoperability use. Because of the extensive mutual aid operations that can involve several mutual aid operations simultaneously, all mobile and portable units operating under this Plan should have all the interoperability channels, both repeat and direct modes, programmed into each unit. The radios must be programmed with the minimum number of channels called for in NCC guidelines or as the RIEC specifies. The channels display will be in accordance with the NCC guidelines that have common alphanumeric nomenclature to avoid any misinterpretation of use. Region 7 guidelines are attached as Appendix I, Interoperability Channels.

6.3 Deployable Systems

This Plan supports use of deployable systems, both conventional and trunked. Deployable systems are prepackaged systems that can deploy by ground or air to an incident to provide additional coverage and capacity on interoperability channels. This will minimize the expense of installing extensive fixed infrastructure and recognizes the difficulty of providing complete coverage of the region due to environmental constraints.

Agencies should have conventional deployable systems capable of being tuned to any of the interoperability tactical channels. Those agencies that are part of a multi-agency trunked system and commonly provide mutual aid to each other are encouraged to have trunked deployable systems that operate on the tactical channels designated by the FCC for this use. The RIEC will develop the operational details for deploying these systems.

It is expected that the tactical channels set aside for trunked operation will be heavily used by deployable systems. Therefore, the tactical channels cannot be assigned to augment general use trunked systems.

6.4 Monitoring of Calling Channels

It is desired that the Colorado Department of Public Safety take responsibility for monitoring the interoperability and calling channels wherever possible. Where the Colorado Department of Public Safety Communication Center is not available, the local major public safety agency will assume the responsibility. This would include assignments of channels to mutual aid incidents as required. The RIEC will develop and update operational guidelines for this function to be found in Appendix I, Interoperability Channels.

7 Interference Protection

The frequency allotment list is based on an assumption that the systems will be engineered on an interference-limited basis not a noise floor-limited basis. Agencies are expected to design their systems for maximum signal levels within their coverage area and minimum levels in the coverage area of other co-channel users. Coverage area is normally the geographical boundaries of the Agency(s) served plus a three-mile area beyond.

Systems should be designed for minimum signal strength of 40 dBµ in the system coverage area while minimizing signal power out of the coverage area. TIA/EIA TSB88-A (or latest version) will be used to determine harmful interference assuming 40 dBµ, or greater, signal in all systems coverage areas. This may require patterned antennas and extra sites compared to a design that assumes noise limited coverage. 40 dBµ as a standard level may change and be replaced by the Regional Planning Committee when deemed necessary.

To maximize spectrum utilization, receivers of the highest quality must be used in systems. Given a choice of radios to choose from in a given technology family, agencies should use the units with the best specifications. This plan will not protect agencies from interference if their systems utilize low quality receivers.

8 Allocation of Spectrum

8.1 Narrow Band "General Use"

The Region 7 Core Workgroup Committee recommends that allotments be made on the basis of one 25 KHz channel for every two (2) voice channel requests and one 12.5 KHz channel for each narrowband data channel request. This recommendation is approved by the full Committee and is part of this plan. Allotments will be made in 25 KHz groups to allow for various digital technologies to be implemented. All agencies requesting spectrum during the initial filing window (see Section 5.2) will be allocated channels if plan requirements are met. Agencies using Frequency Division Multiplexing (FDMA) will be expected to maintain 12.5 KHz equivalency when developing systems and will be required to utilize BOTH 12.5 KHz portions of the 25 KHz block. In most cases, this will require the geographic separation of each 12.5 KHz adjacent channel. In order to promote spectrum efficiency, Region 7 will ensure that systems allocated 25 KHz channel blocks will utilize all of the channel and not "orphan" any portions of a system designated channel. (See Section 8.2)

It is the eventual goal of the FCC and the public safety community for radio equipment to meet the requirement of one voice channel per 6.25 KHz of spectrum. When applying for channels within Region 7, the applicants should acknowledge the deadline for converting all equipment to 6.25 kHz or 6.25 kHz equivalent technology is 12/31/2016. For narrowband mobile data requests, one mobile data channel will consist of two (2) 6.25 KHz channels/one (1) 12.5 KHz channel. Narrowband 6.25 KHz channels can be aggregated for data use to a maximum bandwidth of 25 KHz. As 6.25 KHz migration evolves, an agency that creates any "orphaned" 6.25 KHz channels should realize that these channels would be allocated to nearby agencies requesting channels to maintain consistent grouping and utilization of 25 KHz blocks within the region. (See Section 8.2)

Region 7 encourages small agencies to partner with other agencies in multi-agency or regional systems as they promote spectrum efficiency and both small and large agency capacity needs can be met. Loading criteria can also be achieved in multi-agency systems that will allow greater throughput for all agencies involved than that which could be achieved individually.

8.2 Orphaned Channels

The narrowband pool allotments will have a channel bandwidth of 25 kHz. These 25 kHz allotments are characterized as "Technology Neutral" i.e. able to accommodate multiple technologies utilizing multiple bandwidths. If agencies choose a technology that requires less than 25 kHz channel bandwidth for their system, there is the potential for residual, "orphaned channels" of 6.25 kHz or 12.5 kHz bandwidth immediately adjacent to the assigned channel. An orphan channel may be used at another location within the county area where it was originally approved, if it meets co- and adjacent channel interference criteria.

When in the best interest of public safety communications and efficient spectrum use within the Region, the Region 7 Regional Planning Committee shall have the authority to move these orphan channel allotments, and/or co-/adj- channel allotments affected by the movement of orphan channels, to other areas throughout the Region, as deemed necessary to retain spectrum efficiency and/or minimize co-channel or adjacent channel interference. If it is required to move a full 25 kHz channel (or a portion of a channel) allotment to a location outside of the county area in which it was originally approved, the Region 7 Planning Committee, Frequency Advisory Committee will review the application and advise the full committee as to whether or not the full/partial channel allotment meets frequency coordination guidelines and should be moved to accommodate an application at hand. The movement of the full/partial channel allotments can be approved on a majority vote of Regional Planning Committee members in attendance at a special or regular meeting of the Regional Planning Committee.

If the movement of a full/partial channel allotment is deemed in the best interest of the public safety community, and the relocation requires moving a channel a distance of less than 10 miles outside of its original county area boundaries, there will be no plan amendment required.

If the movement of a full/partial channel allotment is deemed in the best interest of the public safety community, and the relocation requires the movement of a channel to a location within 25 miles outside of its original county area boundaries, the Region will be required to amend the Regional Plan and submit the amendment to the FCC along with obtaining adjacent Region concurrences for the plan update.

If the movement of a full/partial channel allotment is deemed in the best interest of the public safety community, and the relocation requires moving a channel from Region 7 to another Region in an instance of inter-Regional sharing, Region 7 will amend the Region 7 plan to reflect the changes and submit a plan amendment to the FCC accompanied with adjacent Region concurrences from the participating Region.

8.3 Low Power Secondary Operations

To facilitate portable operation by any licensee, and to provide channels for such operation without impacting the use of primary channels, certain secondary use will be permitted. Any public safety entity otherwise licensed to use one or more channels under this Plan may receive authorization to license any additional channel for secondary use, subject to the following criteria:

All operation of units on such authorized channels will be considered secondary to other licensees on both co-channel and adjacent channels.

No channels on, or adjacent to, those designated in the Plan for wide area operation and/ or mutual aid use will be authorized.

Channels will be authorized for use in specific areas only, such areas to be within the licensees authorized operational area.

Maximum power will be limited to 6 watts ERP

For use aboard aircraft, see FCC Rules.

Applications for channels may be submitted to the Frequency Advisory Committee for consideration at any time and must be accompanied by a showing of need. The Committee may select and authorize licensing of these secondary use channels after consideration of potential interference to co-channel and adjacent channel allotments, allocations and licensees. Authorization may be granted for use of any suitable channel, without prior allotment or allocation to the requesting agency.

8.4 Low power Channels

These channels may operate using analog operation. To facilitate analog modulation this plan will allow aggregation of two channels for 12.5 kHz bandwidth. On scene temporary base and mobile relay stations are allowed (to the extent FCC rules allow) with an antenna height limit of 6.1 meter (20 feet) above the ground. However, users are encouraged to operate in simplex mode whenever possible. This plan does not limit use to only analog operations, these channels are intended for use in a wide variety of applications that may require digital modulation types. (Specify TAC Channels here)

8.5 Wideband Data

TIA has developed a wideband data interoperability standard based on 50 KHz channel bandwidth. Region 7 Regional Planning Committee shall also consider applications for aggregation of data channels up to 150 KHz. Each county within Region 7 shall be allotted, at a minimum, 150 KHz of contiguous bandwidth. If one entity exhausts the spectrum resource within the county, thus precluding assignment to other interested agencies, that agency must demonstrate its willingness to cooperate with the precluded agencies within the county to provide access its facilities for throughput. In such situations, each agency shall internally negotiate costs without mediation by the Regional Planning Committee. The final implementation budget, as well as the abridged loading figures shall be forwarded to Region 7 prior to adding the new users.

The ranking criteria for each allocated 50 KHz General Use Wideband data channel in Region 7 will be developed in accordance with National Public Safety Telecommunications Council (NPSTC) guidelines. Applicants will be required to provide the Regional Planning Committee with their identified wideband needs so the region can determine the number of wideband data channels needed.

9 System Implementation

Agencies must release a System RFP within one year and sign a contract with a vendor within one year of releasing the System RFP. For Region 7, implementation of general use channels shall be governed by FCC Rule 90.529(b} and (c}. If an agency does not implement in the time frames specified, that agency's allocation may be removed from the allocation list and placed in a pool. An Agency may file a request with the Region Chair for an extension of time to implement. The request should include all details describing why the agency has not implemented and a new implementation schedule. The Committee Chair will advertise this request and set a date for the full committee to vote on the request. If no request for extension is received or the Committee votes not to extend implementation, the Committee Chair will advertise this action and place the allocation into a pool resource allowing other agencies a chance to request an allocation of that spectrum.

10 Spectrum Utilization

In the two high population density areas of Colorado, the Denver Metro area and Colorado Springs area, spectrum for public safety is chronically short to support all needs. Colorado is a leader in spectrum efficient use of public safety spectrum.

The Frequency Advisory Committee recommends that allotments be made on the basis of one 6.25 kHz channel for each voice channel request and two 6.25 kHz channels for each narrowband data channel request. This recommendation is approved by the full Committee and is part of this plan. This allows for the full agency needs to be met and the committee believes also conforms to the FCC intent to require use of technology that yields one voice path for each 6.25 kHz of spectrum.

This plan does not limit an agency from initially implementing (if it conforms to FCC rules) a technology that yields less than one voice channel per 6.25 kHz channel or aggregating narrowband data into 12.5 kHz or 25 kHz blocks. The agencies are on notice that they will not receive additional allotments due to using technology that yields less than one voice channel per 6.25 kHz of spectrum or narrowband data of less than 19.2 kbps per 12.5 kHz of spectrum.

11 Coordination with Adjacent Regions

Region 7 shares borders with:
Arizona (Region 3)
Kansas (Region 16)
Nebraska (Region 26)
New Mexico (Region 29)
Oklahoma (Region 34)
Utah (Region 41)
Wyoming (Region 46)
Texas Panhandle, High Plains and Northwest (Region 52)

All of these Regions have convened and begun their Regional Planning process. The Chair has sent draft and final copies of this plan to the convener or Chair, as appropriate, of each adjacent region. Region 7 has received written approval from all adjacent Regions except Wyoming (Region 46). Those approvals of the Region 7 plan are attached as Tabs to Appendix H.

Region 7 has received written, signed Inter-Regional Coordination Procedures with from all adjacent Regions. Those agreements are attached to the plan as Tabs to Appendix G.

Waivers of the adjacent Region concurrence requirement (90.527(a)(5)) are attached as Appendix N for Region 46.

Appendix A (Committee/Workgroup Membership) Region 7 - 700 MHz Regional Plan

Core Committee:

The Core Committee for Region 7 Colorado was established to write the Regional Plan for Region 7. The main objective of the Core Committee is to produce a written plan that will address all aspects and needs for Region 7. This plan will then be sent to the FCC for their approval of the plan for Region 7.

The members of the Committee volunteered to participate. A Chairperson was suggested to help facilitate the meetings and schedules. The Core Committee has met several times.

Throughout the membership, aspects of the plan have been addressed and language was written to be placed in the plan. This has been mutually agreed upon among the members of the Core Committee.

It is the main goal of the Core Committee to be able to produce a plan that addresses all needs of any agency throughout Region 7. This plan will then be accepted by the Regional Committee members and sent to the FCC for approval.

Members:

Gary Pasicznyk, Denver Police Department, Committee Chair
Gary Wilton, Arapahoe County Sheriff's Office, Vice Chair
Bob Ricketts, El Paso County
Jay Chupp, El Paso County
Dan Gorton, Pikes Peak Regional Communications Network
Jeff Vaughn, Douglas County Sheriff's Office
Bob Frank, City of Aurora
Jerry Kuzior, Denver Fire Department
Tom Meggitt, Denver Police Department
Walt Leslie, Ad COM Communications
Dennis Kalvels, State of Colorado
Randy Bell, City of Colorado Springs

Frequency Advisory Committee:

The Frequency Advisory Committee mentioned within this document is constituted as follows: eight (8) members in the following categories – Chairman, Vice Chairman, City Government, County Government, Police Services, Fire Services, EMS Services, and State Government or At-Large Member. The members of the Frequency Advisory Committee are selected by the Regional Planning Committee.

Appendix A (Committee/Workgroup Membership) Region 7 - 700 MHz Regional Plan

The Frequency Advisory Committee meetings will be held as needed to review applications but normally concurrent with the Colorado Chapters of APCO and NENA monthly meeting. The APCO/NENA meetings are normally attended by many of the public safety agencies in Colorado.

Members:

Category	**Name**	**e-mail**
City	Barb Griebel	bgriebel@ci.broomfield.co.us
State	Dennis Kalvels, Chair	dennis.kalvels@state.co.us
County	Bill Malone	malone@adcom911.org
At Large	W. Daniel Gorton	dgorton@springsgov.com
Sheriff	Dean Scott, Vice Chair	dscott@co.boulder.co.us
Police	Jeffery Vaughn	jvaughn@douglas.co.us
EMS	Trina Everhart	teverhart@englewoodgov.org
Fire	Jerry Kuzior	jerry.kuzior@ci.denver.co.us
Tribe	(Vacant)	

Bylaws Committee:

The Bylaws Committee for Region 7 Colorado was established to write the Regional Bylaws for Region 7. The main objective of the Bylaws Committee was to produce written bylaws, provided as Appendix E, that will address all aspects and needs for Region 7.

Members:

Barb Griebel, Broomfield PD
Vicki Pickett, Westminster PD
Dennis Kalvels, State of Colorado
Bob Frank, City of Aurora
Jordan Drazin, City and County of Denver
Tom Meggitt, City and County of Denver
Trina Everhart, Englewood Safety Services
Bill Malone, AdCom
Jeff Vaughn, Douglas County S.O.
Randy Smith, Jefferson County

Appendix B (Description of Existing Interoperability Contracts, Compacts, Mutual Aid Agreements, etc.) Region 7 - 700 MHz Regional Plan

Appendix B consists of separate Tabs for ease of finding the specific documentation.

Tab 1 – MOU Denver Police Departments and Arvada/Westminister Police Departments

Tab 2 – CCNC Mutual Aid SOP

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Tab 1 (MOU Denver PD & Arvada/Westminister PDs) Appendix B
(Description of Existing Interoperability Contracts, Compacts, Mutual Aid Agreements, etc.) Region 7 - 700 MHz Regional Plan

MEMORANDUM OF UNDERSTANDING
RADIO CONTINGENCY PLAN

The Denver Police Department and the Arvada/Westminster Police Departments

In the event that the Arvada/Westminster Radio System would lose or have a catastrophic failure of the "Eldorado" tower site or any other major radio system failure, *radio transmissions* could be moved over to the "Denver site" where the main communications tower is located on Mount Morrison. The coverage of this site would allow for the Arvada/Westminster Police Department to continue operating. The Denver site is equipped with a compatible EDACS system as is the current Arvada/Westminster system.

The Arvada and Westminster Police Departments have agreed to provide the Denver Police Department with five talk groups (also known as GIDs-group identifiers) that can be programmed into the Denver Police Department radios. (The Arvada/Westminster Radio System is part of a shared radio system with the Westminster radio system. Denver would acquire a total of five talk groups from their combined system.) In return, the Denver Police Department has agreed to provide Arvada with three talk groups that they will program into their radios. Westminster Police would also be provided with three talk groups, two talk groups for police and one for fire, for a total of six talk groups provided to Arvada/Westminster Radio System for backup on the Denver system.

PROTOCOL FOR USE OF BACK-UP SITES:

When the Denver Police Department requires use of the Arvada/Westminster Radio System, they would make a notification to the Arvada Department's Communications Center at 720-898-6900. If the Arvada or Westminster Police Departments would need to use the Denver radio system, notification should be made to the Denver Police Department's Communication Center at 720-913-2012 (this is the phone number for the on duty supervisor). Each agency will be cognizant of the duration the back-up sites will be used and make an estimate of how long the back up site will be used.

The CLEER Channel (Colorado Law Enforcement Emergency Radio) may also be used for notification.

Agencies shall promptly notify host agency when the need for use of their system as a backup has ended and use of the system will be discontinued.

TALK GROUPS TO BE PROVIDED TO THE DENVER SYSTEM:

The Arvada/Westminster Radio System provides coverage to the cities of Arvada and Westminster. At this point, it covers only a small portion of the Northwest quadrant in

the City of Denver. Because of these coverage issues, Denver will retain the right to use up to five talk groups from the Arvada/Westminster system, however no programming of the Arvada/Westminster system into Denver radios will be done at this time.

TALK GROUPS TO BE PROVIDED TO THE ARVADA/WESTMINSTER SYSTEM:

In the Arvada/Westminster, the designated talk groups that will be provided by the Denver Police Department will be titled as follows:

DEN ARV1
DEN ARV2
DEN ARV3
DEN WEST1
DEN WEST2
DEN WFIRE

USER INSTRUCTIONS WHEN RADIOS ARE CHANGING SYSTEMS:

Arvada and Westminster Police Dispatchers and Users will need to switch to the appropriate backup system and talk group in the event of a failure of the Eldorado site, when switching to the Denver radio system.

TALK GROUPS FROM THE EXISTING DENVER SYSTEM:

The Denver Police Department has also agreed to provide the Arvada and Westminster Police Departments with “working” talk groups from the Denver radio system. These are talk groups that are currently in use by the Denver Police Department that can be used or monitored in the event of an emergency or planned event.

- ***DISP1*** – This group is the main “working” talk group for the Denver Police District One area. This talk group is for the Northwest quadrant of the City of Denver, which borders the City of Arvada at West 52nd Avenue and Sheridan Blvd.
- ***TAC1*** – This group is the “tactical” talk group that corresponds to the fleet map associated with DISP1. This is the tactical channel for special operations that occur in District One.
- ***DISP2*** - This talk group is the main “working” talk group for the Denver Police Department’s Northeast quadrant of Denver.
- ***TAC2*** – This group is the “tactical” talk group that corresponds to the fleet map associated with DISP2. This is the tactical channel used for special operations that occur in District Two.
- ***USC2*** – This is the talk group used by the “Gang” officers for the Denver Police Department. This is also known as the “Urban Street Crime Bureau” talk group.

ADDITIONAL INTEROPERABILITY TALK GROUPS:

Two West area talk groups have been designated and can be used and programmed into existing Denver and Arvada/Westminster user radios. These are common mutual aid talk groups that will be universally available in the event common talk groups are required. All public safety responders using an "EDACS" radio system on the West Side of the Denver-Metro area will share these talk groups. These talk groups have been chosen to effectively follow the State of Colorado talk groups which are part of the overall state interoperability plan. These are Mutual Aid Channels, known as METROMC. For this agreement they will be programmed as:

METROMC1 METRO MUTUAL AID CHANNEL-1
METROMC2 METRO MUTUAL AID CHANNEL-2

USE OF THE DENVER CHANNELS OR MUTUAL AID TALK GROUPS:

For planned situations or events involving both Arvada/Westminster and Denver (examples would be a motorcade, demonstration) both agencies will have field units and dispatch operations on a mutually agreeable talk group common to both departments. This could either be a WMAC1, WMAC2 or a channel provided by the Denver Police Department.

PROTOCOL FOR TRANSMISSIONS:

Clear speech (no codes or acronyms) shall be utilized by both agencies sharing talk groups during a joint agency event. Each agency will use a preface with their normal call sign. For example, a Denver car with the call sign of "111," will use the preface, "Denver Car 111," when speaking on a shared group during an event. In addition, all units shall limit their radio transmissions to the greatest extent possible and maintain strict radio discipline.

None of the parties to this agreement shall utilize backup radio systems for data transmissions. Agencies using a backup system shall minimize radio traffic so as not to unduly impact the host system. Radio discipline shall be maintained and only essential transmissions necessary for the continuation of public safety business shall be permitted

SUPERVISION:

Supervision of police personnel shall remain with their employing agency. For example, Denver Police Department shall have command responsibility for their employees and for a crime scene or event occurring in the City of Denver. Moreover, it is in the best

interest of each agency to work together and share and disseminate information in a timely and coordinated effort.

TESTING OF BACK-UP SITES:

Quarterly testing will be conducted on the back-up sites for the Denver Police Department, the Arvada Police Department and the Westminster Police Department. This testing protocol will include planning and coordination from each agency. This testing will be conducted by the Technical Systems Manager at the Arvada Police Department, the Technical Services Lieutenant at Westminster PD and through the Electronic Engineering Bureau at the Denver Police Department with at least one week's notice.

This MOU may be amended by an instrument in writing signed by the parties. As representatives of our respective agencies, we have affixed our signatures below to indicate that this Memorandum of Understanding is in effect from the date signed until such time as either or both parties terminate in writing the existing agreement.

Gerald R. Whitman **DATE**
Chief of Police
Denver, Colorado

Ronald R. Sloan **DATE**
Chief of Police
Arvada, Colorado

Daniel P. Montgomery **DATE**
Chief of Police
Westminster, Colorado

1.1 MUTUAL AID COMMUNICATION

1.1.1 HIERARCHY:

Individual Agency and local mutual aid talkgroups should be utilized first, then available Regional mutual aid talkgroups, then finally statewide mutual aid talkgroups unless CO MAC 21 is the only common talkgroup available. Finally the use of STAC5 and the National Interoperability channels should be used.

1.1.2 CONSOLE DISPATCH AND INFORMATION EXCHANGE:

All Public Safety Communications Dispatch Centers should monitor the first MAC talkgroup in their region. It is also desirable for Public Safety Communications Dispatch Centers to monitor their regional Com To Com Talkgroup. While this is preferred, it is understood each agencies primary talkgroups will take precedence over mutual aid communication. CCNC recognizes the resource limitations that Public Safety Communications Dispatch Centers are faced with, but still recommend that they have access to as many MAC channels and the National Interoperability Channels as feasible.

1.1.2.1 PUBLIC SAFETY COMMUNICATIONS DISPATCH CENTER RESPONSIBILITIES

The Public Safety Communications Dispatch Center of the Agency initiating the incident is responsible for all primary dispatch tasks unless the decision is made by the Incident Commander or the Incident Dispatch Center to transfer the responsibilities to another Center. The Incident Dispatch Center is responsible for audio patching of talkgroups and relaying pertinent information including; who is involved; which talkgroups are patched; and who is in command.

Patching is most effective for 700/800 MHz talkgroups. CCNC does not recommend patching conventional UHF or VHF channels to 700/800 MHz talkgroups as conventional users do not hear trunking system status tones, may start their voice traffic before trunking voice channels are granted and therefore are not guaranteed their transmission has been sent. If conventional channel to trunked system audio patches are required, it is highly recommended that personnel be trained in the operational techniques necessary for proper patch communications.

No Permanent Audio Patches shall be implemented on DTR without a recommendation from the CCNC Technical Committee and approval from the CCNC Executive board.

1.1.2.2 PUBLIC SAFETY COMMUNICATIONS DISPATCH CENTER (COM TO COM) TALKGROUPS

Five regional talkgroups have been established between communication centers and mobile command vehicles to effectively supply necessary information for any public safety situation that arises for the safety and welfare of the citizens of the State of Colorado. The talkgroup will only

be placed on Public Safety Communications Dispatch positions or mobile dispatch/command vehicles. These talkgroups are configured as "Fast Start" talkgroups in the Zone Controller; therefore subscriber units in mobile command vehicles or non-connected Public Safety Communications Dispatch positions will only receive audio for these talkgroups if resources are available for their site affiliation. The Talkgroups are identified as:

- **Metro Net** - Includes Boulder, Adams, Arapahoe, Douglas, Jefferson, Broomfield and Denver counties
- **NE Net** - Includes Larimer, Weld, Logan, Sedgwick, Phillips, Yuma, Kit Carson, Washington and Morgan counties.
- **SE Net** - Includes Park, Teller, El Paso, Elbert, Lincoln, Cheyenne, Kiowa, Powers, Bent, Baca, Las Animas, Otero, Huerfano, Pueblo, Custer, Crowley, and Fremont counties.
- **NW Net** - Includes Moffat, Routt, Jackson, Grand, Gilpin, Clear Creek, Summit, Lake, Pitkin, Eagle, Garfield and Rio Blanco counties.
- **SW Net**- Includes Mesa, Delta, Gunnison, Chaffee, Saguache, Alamosa, Costilla, Conejos, Rio Grande, Archuleta, Mineral, Hinsdale, La Plata, San Juan, Ouray, Montezuma, Delores, San Miguel, and Montrose counties.

The agencies contained in each regional group will be responsible for the recording of any interchange on their talkgroup.

To call within the same region use the agency name and talkgroup identification. Always state the called agency first. Example: "Douglas from Arapahoe on Metro Net"

To call outside of your talkgroup region, go to that agency's regional talkgroup using the agency name and talkgroup identifier.

1.1.3 CCNC COUNTY MUTUAL AID/EMERGENCY TALKGROUPS

Each county is assigned a specific countywide talkgroup for intra/inter-county communication activity including but not limited to:

- Activities and uses for the direct benefit of a county's public safety agencies to include (not limited to) EOC/EOP operations, training and simulations.
- School Districts and their public transportation vehicles for communication to an emergency communications center; or in support of school district transportation resources utilized by public safety personnel during an emergency event.
- All countywide talkgroups are intended for the utilization by a county and/or intra-county communication activity, and are not to be utilized in lieu of an agency(s) establishment of participation in the CCNC, or to serve as a primary channel for an entity.
- CCNC, its Operations Committee and/or the System Administrator may suspend use of the talkgroup; if any individual, agency, or organization is improperly using the countywide talkgroup.

1.1.4 REGIONAL MUTUAL AID CHANNEL (MAC) TALKGROUPS

All MAC Talkgroups are available for use by all CCNC agencies. The following MAC talkgroup descriptions and allocations are recommended for operational usage however individual events will govern the actual assignment and usage of any MAC channel

Four mutual aid talkgroups have been assigned to each of the five geographic areas throughout Colorado for multi-agency coordination.

1.1.4.1 MAC 1 MET THRU MAC 4 MET (METRO): Includes Boulder, Adams, Arapahoe, Douglas, Jefferson, Broomfield and Denver counties**.**

1.1.4.1.1 **1MAC 1 MET:** This talkgroup will be used for inter-regional mutual aid coordination and communications. This also has been designated the contact channel for any subscriber user coming into the region who needs to communicate with an agency within the METRO region. This talkgroup can be used by non-public safety agencies for mutual aid coordination and communications or by any metro public safety agency whose assigned talkgroup may already be in use.

1.1.4.1.2 **MAC 2 MET:** This talkgroup has been initially allocated to Fire Agencies for mutual aid coordination and communications. In addition the following agency specific mutual aid talkgroups have been established

- **DFD MAC:** This talkgroup has been established for interoperability between Denver Fire Department and CCNC Fire Agencies.
- **DIF MAC:** This talkgroup has been established for interoperability between Denver International Airport (DIA) Fire Department and CCNC Fire Agencies.
- **AUF MAC:** This talkgroup has been established for interoperability between Aurora Fire Department and CCNC Fire Agencies.
- **WMF MAC:** This talkgroup has been established for interoperability between West Metro Fire Department and CCNC Fire Agencies.
- **ARF MAC:** This talkgroup has been established for interoperability between Arvada Fire Department and CCNC Fire Agencies.
- **WRF MAC:** This talkgroup has been established for interoperability between WheatRidge Fire Department and CCNC Fire Agencies.
- **WEF MAC:** This talkgroup has been established for interoperability between Westminister Fire Department and CCNC Fire Agencies.

1.1.4.1.3 **MAC 3 MET:** This talkgroup has been initially allocated to Law Enforcement Agencies for mutual aid coordination and

communications. In addition the following agency specific mutual aid talkgroups have been established.

- **DPD MAC:** This talkgroup has been established for interoperability between Denver Police Department (DPD) and CCNC Law Enforcement Agencies.
- **DIP MAC:** This talkgroup has been established for interoperability between Denver International Airport (DAI) Police and CCNC Law Enforcement Agencies.
- **AUP MAC:** This talkgroup has been established for interoperability between Aurora Police Department and CCNC Law Enforcement Agencies.
- **ARP MAC:** This talkgroup has been established for interoperability between Arvada Police Department and CCNC Law Enforcement Agencies.
- **LKP MAC:** This talkgroup has been established for interoperability between Lakewood Police Department and CCNC Law Enforcement Agencies.
- **WEP MAC:** This talkgroup has been established for interoperability between Westminister Police Department and CCNC Law Enforcement Agencies.
- **WRP MAC:** This talkgroup has been established for interoperability between WheatRidge Police Department and CCNC Law Enforcement Agencies.

1.1.4.1.4 **MAC 4 MET:** This talkgroup has been initially allocated to EMS Agencies for mutual aid coordination and communications.

1.1.4.2 **MAC 5 NE THRU MAC 8 NE (NORTHEAST):** Includes Larimer, Weld, Logan, Sedgwick, Phillips, Yuma, Kit Carson, Washington and Morgan counties.

1.1.4.2.1 **MAC 5 NE:** This talkgroup will be used for inter-regional mutual aid coordination and communications. This also has been designated the contact channel for any subscriber user coming into the region who needs to communicate with an agency within the NE region. This talkgroup can be used by non-public safety agencies for mutual aid coordination and communications or by any NE public safety agency who's assigned talkgroup may already be in use.

1.1.4.2.2 **MAC 6 NE:** This talkgroup has been initially allocated to Fire agencies for mutual aid coordination and communications.

1.1.4.2.3 **MAC 7 NE:** This talkgroup has been initially allocated to Law Enforcement agencies for mutual aid coordination and communications.

1.1.4.2.4 **MAC 8 NE:** This talkgroup has been initially allocated to EMS agencies for mutual aid coordination and communications.

1.1.4.3 **MAC 9 SE THRU MAC 12 SE (SOUTHEAST**): Includes Park, Teller, El Paso, Elbert, Lincoln, Cheyenne, Kiowa, Powers, Bent, Baca, Las Animas, Otero, Huerfano, Pueblo, Custer, Crowley, and Fremont counties.

1.1.4.3.1 **MAC 9 SE:** This talkgroup will be used for inter-regional mutual aid coordination and communications. This also has been designated the contact channel for any subscriber user coming into the region who needs to communicate with an agency within the SE region. This talkgroup can be used by non-public safety agencies for mutual aid coordination and communications or by any SE public safety agency who's assigned talkgroup may already be in use.

1.1.4.3.2 **MAC 10 SE:** This talkgroup has been initially allocated to Fire agencies for mutual aid coordination and communications.

1.1.4.3.3 **MAC 11 SE:** This talkgroup has been initially allocated to Law Enforcement agencies for mutual aid coordination and communications.

1.1.4.3.4 **MAC 12 SE:** This talkgroup has been initially allocated to EMS agencies for mutual aid coordination and communications.

1.1.4.4 **MAC 13 SW THRU MAC 16 SW (SOUTHWEST**): Includes Mesa, Delta, Gunnison, Chaffee, Saguache, Alamosa, Costilla, Conejos, Rio Grande, Archuleta, Mineral, Hinsdale, La Plata, San Juan, Ouray, Montezuma, Delores, San Miguel, and Montrose counties.

1.1.4.4.1 **MAC 13 SW:** This talkgroup will be used for inter-regional mutual aid coordination and communications. This also has been designated the contact channel for any subscriber user coming into the region who needs to communicate with an agency within the SW region. This talkgroup can be used by non-public safety agencies for mutual aid coordination and

communications or by any SW public safety agency who's assigned talkgroup may already be in use.

1.1.4.4.2 **MAC 14 SW:** This talkgroup has been initially allocated to Fire agencies for mutual aid coordination and communications.

1.1.4.4.3 **MAC 15 SW:** This talkgroup has been initially allocated to Law Enforcement agencies for mutual aid coordination and communications.

1.1.4.4.4 **MAC 16 SW:** This talkgroup has been initially allocated to EMS agencies for mutual aid coordination and communications.

1.1.4.5 **MAC 17 NW THRU 20 NW (NORTHWEST):** Includes Moffat, Routt, Jackson, Grand, Gilpin, Clear Creek, Summit, Lake, Pitkin, Eagle, Garfield and Rio Blanco counties.

1.1.4.5.1 **MAC 17 NW:** This talkgroup will be used for inter-regional mutual aid coordination and communications. This also has been designated the contact channel for any subscriber user coming into the region who needs to communicate with an agency within the NW region. This talkgroup can be used by non-public safety agencies for mutual aid coordination and communications or by any NW public safety agency who's assigned talkgroup may already be in use.

1.1.4.5.2 **MAC 18 NW:** This talkgroup has been initially allocated to Fire agencies for mutual aid coordination and communications.

1.1.4.5.3 **MAC 19 NW:** This talkgroup has been initially allocated to Law Enforcement agencies for mutual aid coordination and communications.

1.1.4.5.4 **MAC 20 NW:** This talkgroup has been initially allocated to EMS agencies for mutual aid coordination and communications.

1.1.5 CO MAC 21 (STATEWIDE): INCLUDES ALL COUNTIES.

While these talkgroups have been outlined for use in these regions, not all counties or agencies within those counties are operating on DTR.

Some State agencies only have the first talkgroup for every region programmed in their subscribers.

1.1.6 TRAVELING BETWEEN MUTUAL AID REGIONS

Prisoner/Jail transport vehicles and others traveling across mutual aid regions should change to an agency defined talkgroup for traveling when leaving their immediate jurisdiction. This is due to system loading considerations. Agencies should avoid broadcasting their dispatch channel around the state in areas that were not designed for the additional talkgroup loading.

Should an agency not have a designated talkgroup for traveling, they should refer to Sections 5.3.3 and 5.3.4 for information on other talkgroups that may be available for use.

1.1.7 REGIONAL EMERGENCY MEDICAL AND TRAUMA ADVISORY COUNCIL (RETAC)

The following talkgroups have been assigned to the various RETAC regions throughout Colorado:

EMS MH	Mile-High RETAC Coordinator: Adams, Arapahoe, Broomfield, Denver, Douglas, and Elbert counties.
EMS NE	Northeastern Colorado RETAC Coordinator: Jackson, Larimer, Logan, Morgan, Phillips, Sedgwick, Washington, Weld, and Yuma counties.
EMS PP	Plains to Peaks RETAC Coordinator: Cheyenne, El Paso, Kit Carson, Lincoln, and Teller counties.
EMS SE	Southeast Colorado RETAC Coordinator: Baca, Bent, Crowley, Kiowa, Otero, and Prowers counties.
EMS S	Southern Colorado RETAC Coordinator: Custer, Fremont, Huerfano, Las Animas, and Pueblo counties.
EMS FH	Foothills RETAC Coordinator: Boulder, Clear Creek, Gilpin, Grand, and Jefferson counties.
EMS MAC	Statewide EMS mutual aid RETAC EMS Statewide
EMS CM	Central Mountain RETAC Coordinator: Chaffee, Eagle, Lake, Park, Pitkin, and Summit counties.
ER MAC	Statewide ER Mutual Aid RETAC Hospital Statewide
EMS NW	Northwest Colorado RETAC Coordinator: Garfield, Mesa, Moffat, Rio Blanco, and Routt counties.
EMS SLV	San Luis Valley RETAC Coordinator: Alamosa, Conejos, Costilla, Mineral, Rio Grande, and Saguache counties.
EMS SW	Southwest RETAC Coordinator: Archuleta, Dolores, La Plata, Montezuma, and San Juan counties.
EMS W	Western RETAC Coordinator: Delta, Hinsdale, Gunnison, Montrose, Ouray and San Miguel counties.

Many Hospitals/Trauma centers throughout the state have been assigned talkgroups (Hospital Talkgroups). Check with the State of Colorado, Electronic Engineer/EMS Telecommunications Liaison, (303) 866-2412, for the current listing of available hospital talkgroups and for authorization to program hospital talkgroups in subscribers.

1.1.8 COUNTY HEALTH DEPARTMENTS

The following talkgroups have been assigned to the various County Health Departments throughout Colorado:

CHD NE	County Health Department Northeast
CHD NC	County Health Department North Central
CHD DC	County Health Department South Central
CHD S	County Health Department South
CHD SE	County Health Department Southeast
CHD NW	County Health Department Northwest
CHD W	County Health Department West
CHD SW	County Health Department Southwest
CHD SL	County Health Department San Luis Valley

1.1.9 STATEWIDE SIMPLEX CHANNELS

Five statewide simplex channels have been assigned for use only outside of the Pikes Peak Radio Network Coverage Area (a twenty mile radius of El Paso County and Teller County). Channels must use APCO 25 Common Air Interface digital signaling, be programmed for Network ID 293 and operated at Output power levels of 3 Watts or less.

SMPX1, 2 and 3 are specifically allocated for Public Safety only.

Non-public safety users may **only program SMPX4 and SMPX5** in subscriber units.

Public Safety should program all five for interoperability with non-public safety users.

The naming convention must be programmed as follows:

SMPX1 (866.1000): This talkgroup has been initially allocated to Fire agencies for mutual aid coordination and communications.

SMPX2 (866.7500): This talkgroup has been initially allocated to Police agencies for mutual aid coordination and communications.

SMPX3 (867.3000): This talkgroup has been initially allocated to EMS agencies for mutual aid coordination and communications.

SMPX4 (867.5500) and

SMPX5 (868.6875): These talkgroups will be used by non-public safety agencies for mutual aid coordination and communications or by any public safety agency whose assigned talkgroup may already be in use.

1.1.10 NATIONAL INTEROPERABILITY CHANNELS

These channels are allocated as required channels under the FCC Rules & Regulations as well as the Region 7 800Mhz RPC plan for all users in the NPSPAC (National Public Safety Planning Advisory Committee) frequency band.

1.1.10.1 CHANNEL USE

Plain language will be used on all five Common Channels at all times, and the use of unfamiliar terms, phrases or codes will be kept to a minimum, unless deemed necessary for security purposes. The use of these channels for intra-system normal dispatch and routine agency operations is strictly prohibited. Normally, the five Common Channels are to be used only for activities requiring communications

between agencies not sharing any other compatible communication system. *Under emergency situations, one or more Tactical Channels (Section 5.3.10.3) may be assigned by the controlling agency at the time of the incident.*

1.1.10.2 CALLING CHANNEL – ICALL

Frequency 821.0125 866.0125 PL code 156.7
Currently located at: Green Mountain; Colorado Springs/Pittsburg; El Paso County/Stanley; Guy Hill; and Cheyenne, WY.
The calling channel shall be used to contact other users in the Region for the purpose of requesting incident related information and assistance. This channel shall not be used as an ongoing working channel. Once contact is made, an agreement upon which tactical channel to use is recommended for continued communications.

1.1.10.3 TACTICAL CHANNELS ITAC1 - ITAC4

ITAC1-4 channels are reserved for use by those agencies in need of conducting inter-agency communications. Incidents requiring multi-agency participation will be coordinated over these channels by the agency controlling the incident. Individual tactical channels may be designated for use by various services on an incident basis by the controlling agency. In the event of multiple incidents requiring the use of these channels, channels shall be designated by mutual agreement between controlling agencies.
ITAC 1 Frequency 821.5125 866.5125 PL code 156.7
Currently located at: Mt. Morrison, Pueblo state shop, and Limon.
ITAC 2 Frequency 822.0125 867.0125 PL code 156.7
Currently located at: Hampton & Parker, El Paso County/Stanley, Horsetooth, Bowen Marker, and Chevron.
ITAC 3 Frequency 822.5125 867.5125 PL code 156.7
Currently located at: Smoky Hill, Weld @35th, Colorado Springs/Pittsburg, and Sterling state shop.
ITAC 4 Frequency 823.0125 868.0125 PL code 156.7
Currently located at: Riley Peak; Lamar state shop; LaJunta; and Cheyenne, WY.

1.1.10.4 STATEWIDE CHANNEL – STAC 5

STAC5 is intended to be used at low power in simplex analog mode for SWAT, DIVE teams, etc. There are no fixed repeater sites for this channel. Portable repeaters are also allowed at low power (3 watts or below) for repeater operations. In no case shall control of these channels remain with any single agency beyond the termination of a declared emergency event.
This channel may be used to communicate with medical aircraft in the area.
This channel may also be utilized with the ACU-1000 to patch VHF/UHF channels. See Appendix F for the ACU1000 Resource list.
STAC 5 Frequency 823.7875 868.7875 PL code 156.7

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Appendix C (Notices, Minutes, Member Attendance Lists) Region 7 - 700 MHz Regional Plan

Appendix C consists of three separate Tabs for ease of finding the specific documentation.

Tab 1 – Notices of Meetings

Tab 2 – Minutes from Meetings

Tab 3 – Membership List

Tab 4 - Attendance Lists from Meetings

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Tab 1 (FCC and Other Notices) to **Appendix C** (Notices, Minutes, Member Attendance Lists) Region 7 - 700 MHz Regional Plan

Below is a list of published Public Notices that can be obtained from website http://wireless.fcc.gov/publicsafety/700MHz/regions/region7.html

Regional Chairman
Colorado
Emery L. Reynolds
Region 7 700 MHz Planning Committee
Radio Systems Manager
Arapahoe County Sheriff's Office
13101 Broncos Parkway
Centennial, Colorado 80112-4558
PH: 720-874-3720
FX: 720-874-3722
Email: EReynolds@co.arapahoe.co.us or EmReynolds@aol.com

5/18/2005
The Region 7 (Colorado) 700/4.9 Public Safety Planning Committee announces that the next planning meeting will be held on Thursday, June 9, 2005 at 10:00 a.m. at the City of Durango, Durango/La Plata Emergency Communications Center, 221 Turner Drive, Durango Colorado.

To RSVP or for more information, contact:
Emery L. Reynolds, Chairman (ereynolds@co.arapahoe.co.us)
Mark Stanley, Treasurer (mark-s@arvadagov.org)

3/14/2005
PUBLIC NOTICE (DA 05-670)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meetings
pdf - Word

2/15/2005
The Region 7 (Colorado) 700/4.9 MHz Public Safety Planning Committee will host its next planning meeting on Thursday, March 10, 2005 at 10:00 a.m. at the Adams County, ADCOM Board Room 7321 Birch Street, Commerce City, CO. For more information contact Region 7 Chairman Emery L. Reynolds, at (720) 874-3720 (phone), (720) 874-3722 (fax) or via email at ereynolds@co.arapahoe.co.us or Regional Vice Chair, Tom Meggitt at (303)295-4399 (phone), (303) 295-4386 (fax) or via email at meggittt@ci.denver.co.us.

11/19/2004
PUBLIC NOTICE (DA 04-3640)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meetings
pdf - Word

10/14/2004
The Colorado Region 7 (700 MHz) Public Safety Regional Planning Committee will hold its next planning meeting on Thursday, October 14, 2004 at 10:00 a.m. at the Denver Police District 1 Community Room, 1311 W 46th Ave. Denver, Colorado. The purpose for this meeting is to review the regional plan as prepared by the work group, which is seeking recommendations and or approval of their submittal. **Important: All persons planning to attend this meeting are requested to RSVP.** For additional information about this meeting contact Region 7 Chair Emery L. Reynolds at 720-874-3720 (phone), 720-874-3722 (fax) or via email at ereynolds@co.arapahoe.co.usereynolds@co.arapahoe.co.us

7/27/2004
PUBLIC NOTICE (DA 04-2317)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

3/26/2004
PUBLIC NOTICE (DA 04-788)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

2/24/2004
PUBLIC NOTICE (DA 04-464)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

1/23/2004
PUBLIC NOTICE (DA 04-130)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

1/12/2004
PUBLIC NOTICE (DA 04-47)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

10/23/2003
Region 7 (Colorado) will have a (700 MHz) Public Safety planning meeting on Thursday, October 23, 2003 at 10:00 a.m., in the City of Lakewood, 445 South Allison Parkway, Lakewood, Colorado. For additional information, contact Region 7 Chairman, Emery Reynolds at 720-874-3720 or via e-mail at ereynolds@co.arapahoe.co.us.

9/30/2003
Region 7 (Colorado) will have a planning meeting on Tuesday, September 30, 2003 at 10:00 a.m., at the Durango-La Plata Emergency Communications Center, 221 Turner Drive, Durango Colorado. For additional information, contact Region 7 Chairman, Emery Reynolds at 720-874-3720 or on-line at ereynolds@co.arapahoe.co.us.

7/28/2003
PUBLIC NOTICE (DA 03-2517)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

6/27/2003
PUBLIC NOTICE (DA 03-2103)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

1/27/2003
PUBLIC NOTICE (DA 03-208)

Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - Word

3/5/2002
PUBLIC NOTICE (DA 02-527)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Planning Meeting
pdf - text

9/11/2001
PUBLIC NOTICE (DA 01-2113)
Region 7 (Colorado) 700 MHz Public Safety Planning Committee Announces Third Planning Meeting
pdf - Word

3/1/2001
PUBLIC NOTICE (DA 01-547)
First Region 7 700 MHz Public Safety Planning Meeting - April 20, 2001
pdf - Word

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Tab 2 (Minutes from Meetings) to **Appendix C** (Notices, Minutes, Member Attendance Lists) Region 7 - 700 MHz Regional Plan

This Tab has been divided into individual Sections to ease in finding specific information as follows:

Section A – Minutes from Meeting - April 20, 2001
Section B – Minutes from Meeting - July 29, 2003
Section C – Minutes from Meeting - August 29, 2003
Section D – Minutes from Meeting - October 23, 2003
Section E – Minutes from Meeting - November 13, 2003
Section F – Minutes from Meeting - December 11, 2003
Section G – Minutes from Meeting - January 15, 2004
Section H – Minutes from Meeting - February 12, 2004
Section I – Minutes from Meeting - June 10, 2004
Section J – Minutes from Meeting - July 8, 2004
Section K – Minutes from Meeting - September 8, 2004
Section L – Minutes from Meeting - October 14, 2004
Section M – Minutes from Meeting - November 9, 2004
Section N – Minutes from Meeting - December 9, 2004
Section O – Minutes from Meeting - January 13, 2005
Section P – Minutes from Meeting - February 10, 2005
Section Q – Minutes from Meeting - March 10, 2005
Section R – Minutes from Meeting - April 14, 2005
Section S – Minutes from Meeting - May 12, 2005
Section T – Minutes from Meeting - June 9, 2005
Section U – Minutes from Meeting - July 14, 2005
Section V – Minutes from Meeting - September 8, 2005
Section X – Minutes from Meeting - October 13, 2005
Section Y – Minutes from Meeting - December 8, 2005
Section Z – Minutes from Meeting - March 15, 2006
Section AA – Minutes from Meeting - June 22, 2006
Section AB – Minutes from Meeting - August 23,2006

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Section A (Minutes from Meeting - April 20, 2001) to Tab 2 (Minutes from Meetings) to **Appendix C** (Notices, Minutes, Member Attendance Lists) Region 7 - 700 MHz Regional Plan

Report to the Committee:

On April 20, 2001, the Convener opened the meeting at 9:00 AM at 7305 South Potomac Street, Centennial, Colorado 80112, the Arapahoe County Training Facility. (See Exhibit 1 for Agenda.)

All attendees were asked to sign in and identify themselves and their entity (See Exhibit2.) Then attendees were asked verbally to introduce themselves. Attendees received the latest documents produced through the National Coordination Committee (NCC). (See Exhibit 3 & 4.)

The Convener made brief opening comments about the establishment of the Region 7 Committee and introduced guest speakers; Tom Tolman and Dave Funk of the National Law Enforcement & Corrections Technology Center (NLECTC).

Tom Tolman is the Program Manager of Communications Technology at NLECTC, Vice Chair of NCC's Implementation Subcommittee and Director of National Public Safety Telecommunications Council (NPSTC) Support Office. Mr. Tolman gave a history of activities by the FCC, NCC, NPSTC, and NLECTC leading to this meeting.

Dave Funk is the Deputy Manager for Communications and heads up the project on the "Common 700 MHz Database" through the NLECTC, and under NIJ. Mr. Funk provided further information about NCC and the 700 Database and the new Grant Program for Regional Committees.

After the presentations were completed, the Convener asked for a show of hands for establishing the Region 7 Planning Committee. The vote was unanimous

The Convener was asked by consensus to Chair the 700 MHz Committee. In addition, future meetings will be scheduled to coincide with the Cooperative Communications Network of Colorado (CCNC) every other month. Next meeting therefore will be in Sterling, Colorado on June 20, 2001 at 1300 Hours.

Emery L. Reynolds, Convener and Chairman
303-795-4910 ereynolds@co.arapahoe.co.us

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COLORADO
700 MHz PLANNING MEETING
KICK-OFF
July 29, 2003

- Introductions made
- Overview of history, problems associated with current plan and past notifications (were not done on a state-wide level).
- These frequencies will be allocated by population/number of first responders. They can be used for voice or data communications. Bob Spiedel from M/A-Com was schedule to present but cancelled due to a last minute emergency.
- Tom Meggitt-provides explanation of what voting members are and that we should immediately establish those to start off our official membership. The original sign-up sheet was passed around and interested parties were asked to make a check next to their name if they were interested.
- Emery Reynolds (Arapahoe County) provided a brief summary of the 700 plan (CAPRAD) and how the frequencies could be allocated. Website is caprad.nlect.du.edu
- Nominations were started to fill the officer positions, beginning with Secretary, Dana Hansen was nominated for this position by Durango; there was a second for that nomination and all voted in favor and none opposed.
- Mark Stanley from Arvada Police was nominated and there was second on that nomination. All voted in favor, there were none opposed.
- Vice –chairs were nominated- Dennis Kalvels from the State of Colorado, and Tom Meggitt from Denver Police were nominated. There was a vote with Dennis receiving 8 votes and Tom receiving 16
votes. Tom was chosen by the majority. There were none opposed. Tom was appointed.
- Emery Reynolds was nominated as Chairperson, there were no others nominated. All voted in favor, and none were opposed. Emery stated that he now had more time available then he had in the past and that he could commit his time and resources to working with this group.
- Emery advised that he had previously received a grant for printing/administrative costs associated with this group and that there was a balance of $2200 available. Emery will hand over this fund to our new Treasurer, Mark Standley.
- Nikki Shears from the FCC asked if there were some resources that our members could be directed to so that they could be more informed on the process. Emery provided the website which is at http://home.att.net/~reynoldse/700RPSAC.html Also provided was the National Public Safety Telecommunications Council site at http://npstc.org/
- Tom asked everyone if they were aware of anyone not notified to let him know and they would be on the list.

- The next meeting will be on August 29th 2003, 10am; Denver Police District One, 1311 West 46th Avenue. The September meeting (date to be 09/30/03, will be hosted by the City of Durango.

Members in attendance:

1. Kent Drummond	State of Wyoming
2. William Fleming	Motorola
3. Keith Robinson	Gunnison PD
4. Charles Dotts	Gunnison PD
5. Sandy Lugger	M/A-Com
6. Mark Stanley	Arvada PD
7. Randy Smith	Jefferson County SO
8. Dan Gorton	Pikes Peak Regional
9. Randy Bell	Colorado Springs
10. Trina Everhart	Englewood PD
11. Emery Reynolds	Arapahoe County SO
12. Jack Hilkey	Twin Eagle
13. Joe Cherry	Twin Eagle
14. Karl-Heinz Graf	ADCOM 911
15. Pat Griffith	Federal Heights
16. Dan Long	Durango-La Plata
17. Ron Bergren	Lakewood PD
18. Steve Watson	Gilpin PD
19. Craig Meyer	Denver SO
20. Don Gabel	Denver PD
21. Nikki Shears	FCC
22. Jon Sprague	FCC
23. Gary McKnight	Durango PD
24. Ron Painchaud	Motorola
25. Scott Lane	ADCOM 911
26. Larry Brooks	State of Colorado
27. Dennis Kalvels	State of Colorado
28. Bruce Dennis	Denver PD
29. Dave Wohlers	Idaho Springs PD
30. Dean Scott	Boulder County SO
31. Jeff Housden	Greeley PD
32. Mike Simmons	Aurora PD
33. Ed Foster	Pulsar
34. Bob Frank	City of Aurora
35. Philip Bond	Motorola
36. Jaymie Pfannenstiel	Douglas County SO
37. Kerry Rich	Front Range Task Force

Members in attendance: (Continued)

38. Jeff Vaughn	Douglas County SO
39. Myron Kissinger	Denver PD
40. Robert Sayers	Colo State Univ
41. Jon Manna	Denver PD
42. Gary Pasicznyk	Denver PD
43. Dana Hansen	Denver PD
44. Tom Meggitt	Denver PD
45. Jim Hunsaker	Denver Fire

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COLORADO
700 MHz REGIONAL PLANNING COMMITTEE
1311 WEST 46TH AVENUE
HOSTED BY DENVER POLICE
August 29, 2003

Chariperson: Emery Reynolds-Arapahoe County
Co-Chairperson: Tom Meggitt-Denver Police
Treasurer: Mark Stanley-Arvada Police
Secretary: Dana Hansen-Denver Police

Next Meeting: Durango, Colorado 09/30/03 10am

- Meeting started at 1020 am, introductions were made.
- Bette Rinehart from Motorola gave a presentation of current events related to regional planning and her workings/understandings of the 746-806 MHz band plan. The power point presentation will be made available in hard copy and via email for the Durango meeting. Bette noted that Colorado should track and have available the meeting minutes, finalize the application review process, set meeting dates for the rest of the year. Notify the adjacent regions via the CAPRAD database. We will need to request a wavier of adjacent regions for Utah and New Mexico because they are unformed planning groups, and in order to expedite our process, we will be submitting a waiver, that we have planned for the frequency allocations on these bordering regions. An original and 4 copies must be filed with the Office of the Secretary. Then we can email an electronic copy to Jeannie Benfaida, to be posted on the FCC website for 30 days for public notice.
- Don Gable asked about the interoperability channels and the channels that have already been awarded to the State of Colorado, 2.4 Mhz of narrowband channels that can be used for a state-wide system. What happens if Colorado fails to come up with a plan? The recommendation from the FCC is that the plan should be completed by 2006, although not a definite date, this could fall back to the Colorado Frequency planning coordinator-both the interoperability and the voice channels. The State of Colorado, has already received their allocation of voice channels and they can be using them as soon as they are ready 96 - 12.5KHz channels are ready to be used. If we fail as a group, this responsibility would fall to Emery Reynolds and three other coordinators to be determined on how the frequencies will be allocated.
- http://wireless.fcc.gov/publicsafety/ncc or http://wireless.fcc.gov/publicsafety for anything going on in Colorado or in other regions. CAPRAD Computer Assisted Precoordination Resource and Database.
- Tom Meggitt handed out sign-up sheets for participants to chair, and vice chair the frequency coordination for this sub-committee.
- Frequency Advisory Sub-Committee was placed into chosen and voted on today:
    1. Chairperson: Dennis Kalvels
    2. Vice Chair: Dean Scott

3. City Government- Barb Griebel
4. County Government- Bill Malone
5. Police Services-Jeff Vaughn
6. Fire Services- Bob Gardiner
7. Sheriff Services- Emery Reynolds
8. EMS Services- Trina Everhart
9. At Large- Dan Gorden

Motion to conclude the general meeting was made and there was a second at 1150 to adjourn.

REGION 7
STATE OF COLORADO RPC

FOR 10/23/03 MEETING

LAKEWOOD POLICE
445 SOUTH ALLISON PKWY

10:00 AM

Additional Information for consideration:

I spoke with Joanie Benfaida at the FCC last week about our proposal for by-laws for Region 7. We discussed one of the ideas about assigning "points" on a per county basis for all eligible parties (County, City, Agency, Reservation, District, etc.) for voting members. She relayed to me that as one of the approving people for the FCC on regional plans that she wants to see a set-up that "will allow for the fairest for future members that may not be active in the RPC at this time. She also said that she does not want the counties and state to have total control of what the cities are eligible for, for voting or frequencies. She said that a system based on population more than just participating members and something for potential members should be in place in advance. She was very pleased to hear that we are accounting for the Indian Reservations in advance and other entities that have not attended to date. She said that a point system assigned by population is very appropriate to getting our plan approved and this system takes into account a fairness that the FCC has yet to see in any submitted plan.

Furthermore, I attended a 2-day seminar on the CAPRAD database. This was not only a course to help us develop a plan but it also provided insight to the frequency allocation that has already been completed for Region 7. It should be noted that the frequencies have been already assigned at the county level. This should be broken down further to accommodate those cities, agencies, districts and other entities that do not want to participate at the county level. This is the same logic that we have determined for the "points" scheme. For example, "City A" resides in "County B." County B has been assigned 100 points for voting and also 100 frequencies through CAPRAD. City A wants to participate as a separate entity and not through their county. City A's population accounts for 30% of the total county population, which include their Fire District. Therefore, they have 30 points for voting and are entitled to 30 frequencies through their county allotment.

We are all interested in seeing this plan completed after having it stalled for 2+ years. However, no one has submitted additional by-laws or plans for consideration. I will look forward to discussing this at our next meeting.

Respectfully,

Tom Meggitt-Co-Chair Region 7 RPC

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REGION 7

COLORADO REGIONAL PLANNING MEETING

PUEBLO

July 8, 2004

- Introductions were made, including the participants on the conference bridge.

- Updates from sub-committees: Dennis Kalvels did not have an update, Dan Gorton added that several documents will be completed on PDF very soon. New Mexico now has a convener and Utah as well, which will effect our plan. Jerry Kuzior said that the 4.9GHz information will be added in to ours. Two other regions are asking us for concurrence from our plan, Emery handed Kuzior that information to be used for the Region 7 plan. The core group will be meeting next week, 7/15/04 at 0900 at Arapahoe County in the community room on Broncos Pkwy.

- The next meeting will be on September 8, 2004 at 1330, at the Montrose Fire Department. We will have Ralph Haller call in and explain the re-packing plan from CAPRAD. Bob Frank explained that Ralph was hired by the City of Aurora to re-examine and suggest an alternate to what was done by CAPRAD, everyone should look at the revised plan and also be prepared to ask questions at the next meeting in September.

- Treasurer Mark Stanley gave an update that the committee has received $1100 so far in collection so that the expenses can be paid from this account.

- Tom Tolman gave an update on the 700 MHz RPC from the National Law Enforcement Technology Committee and their role in the communications committee. Tom said that Colorado was several steps ahead of most of the other regions.

- Dave Funk gave a presentation on CAPRAD and 700 MHz issues/concerns and opportunities for Colorado. This committee has responsibility for the general use channels (yellow). Region 5 (southern California and Region 24 (Missouri) have both submitted, but only Region 5 was approved. Dave suggested looking at the Missouri plan for a good general guideline, despite the fact it was not approved-mostly due to administrative details. They have petitioned for reconsideration. Colorado is managing the interoperability channels through an already formed

sub-committee for the RPC. This group will be responsible for creation and oversight of incident response protocols and chains of command for incident response and reporting. The plan should be general, yet thoughtful, according to Dave. For 4.9, Dave thought that the plan should be more general, broad-based; he suggested something more general than what Utah has done so far. This should be done in a tactical/strategic plan, not a technical plan. We should put a framework together that will address these issues.

700 MHz Regional Planning Committee (RPC)
September 8, 2004
Meeting location: Montrose, CO

Presider: Emery Reynolds

Minutes compiled by B. Griebel, in the absence of Dana Hanson

The minutes are intended to reflect the decisions made by the members, and to reflect the discussions which occur: they are not intended to be a transcription of these meetings.

Attending on line:
Vicki - Westminster
Leo Guilliano Thornton
Mark Standley: Arvada
Bill Malone: AdCom

Agenda items:
Packing Plan
700 MHz product presentation from Motorola
4.9 presentation by Packet Hopping

Packing plan:
Discussions have occurred on this topic within the core committee. The proposal submitted to the membership for consideration was a result of work done by a consultant for the city of Aurora. There was no representative from Aurora at the meeting, and the general membership had a lot of questions. Members requested that Aurora provide detailed information as to the methodology by which the frequency swaps were arrived at. Several members requested that detailed information be provided for further review. If = possible, it would be best to have the consultant attend the meeting - if not in person, have him made available by phone for discussion. Emery's recommendation is that the issue be taken up by the Frequency Advisory Committee. There was discussion as to whether or not additional information be provided by the consultant to the membership, at the October meeting. In the event there would be a cost associated, the Treasurer advised that there is $1850 in treasury. Several members requested that consultant's report, which had been sent via Yahoo, be resent to the membership via conventional email. Tom Meggitt will resend to all via conventional email. Some members specifically requested that the consultant provide formula by which he came to his results. The group discussed if the RPC should expend funds for Ralf Haller to make himself available: concern expressed that funds for the group are being expended to validate the work done by a consultant for a specific agency - concern that a precedent is being set. The final decision was that no further information from the consultant would be requested until everyone has had a chance to view documents provided.

The current draft of plan is posted on the Yahoo web site, and the core group would like review and input from everyone soon. The core committee will plan to meet prior to the next 700 MHz RPC meeting.

Frequency Advisory Committee: members are still waiting on CAPRAD training to occur: training scheduled for September 28th for the entire committee -this training session limited to committee members only due to limited facilities.

Other committees: none

Next Core Committee meeting: Thursday, September 30th, 9am at Arapahoe County 13101 E. Broncos Parkway

Next 700 MHz RPC: October 14th - Denver PD, District 1 station 46th/Pecos 10am

Presentations:

Motorola 700 MHz Products
4.9 GHz Data Presentation by Packet Hop Inc.

FCC Region 7 Regional Planning Committee

October 14, 2004 10:00 AM

Denver Police Dept. District One Sub-Station

Present On Conference Line

Eric Pearson – Durango PD

A. – Introductions

B. – Treasurers Report Mark Stanley - $800.00 in account

C. CORE Committee Report – Gary Pasicznyk

D. Ralf Haller's Packing Plan – Emery Reynolds

FAC recommends that RPC stay with CAPRAD packing plan.

FAC and RPC has flexibility to make changes as needed

Mark Stanley

Submit Plan to FCC using CAPRAD Packing Plan while agreeing among ourselves that the Haller Plan would be used as a template or resource

Gary Pasicznyk

Haller plan does change some border areas – need to keep those from CAPRAD
If the plan goes thru with only CAPRAD specified waivers will be filed with the FCC from Denver

Barb Greibel – per FAC

CAPRAD is place holder not absolute. Haller plan considers present pop. While we want to consider many other factors – geo, future pop. Growth, etc. Haller plan would give consideration to Haller plan and use as a tool.

Bill Malone

What does Mark mean by Template? Mark clarified that he means as reference or tool.

Col Springs Rep? –

Concerned about border issues with Haller Plan.

Gary Pasicznyk

REGION 7

COLORADO REIONAL PLANNING COMMITTEE

700 MHz Meeting 091104

South Metro Fire

Meeting Notes for 11-9-2004 RPC:

Gary informed the RPC on the progress of the Core Committee.

Mark Stanley talked about CAPRAD to give the RPC an add ional 2500.00
There is 1643.00 in fund.

Emery to do follow-ups on Adjacent Regions.

Frequency Advisory to have there next meeting in conjunction with the next RPC meeting.

Dennis Kavels talked about the CAPRAD packing plan. He notes there is not enough spectrum for Denver unless you go to narrow spacing. Dennis said the RPC needs to hire an Engineering Professional to work out the population factors.

Jerry Kuser said they would talk about it at the next FAC Meeting.

Next meeting would be at North Metro Fire at 8:30 am for the FAC and Regular RPC would follow.

Emery Ended on that.

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REGION 7

RPC 700 MHz

January 13, 2005

CITY OF AURORA

- Update from Core Group: Gary Pasicznyk- new language incorporated, 3 letters of concurrence back. Waiting for Nebraska, New Mexico and Oklahoma, Emery will follow up with these states. We are still on schedule for having a preliminary plan available by 05/05.

- Introductions made.

- FCC docket 98-86, (700 MHz wide-band data) concerns from Tom Meggitt, TIA902 may become standard for data, the SAM protocol. This is a proposed rule making that would enable a monopoly for Motorola. Emery suggested a response from each agency be drafted outlining those concerns. It is not mandatory that the RPC use the CAPRAD data base for allocations, according to this document as well.

- FCC 04-292: 01/01/2013, was discussed by Emery. Narrow band users have priority over wide-band users.

- Next Meeting 02/10/05, 10am, Colorado Springs, hosted by Dan Gorton, 705 South Nevada. (No pre-meetings on this day.)

- Mark Standley said that the grant funding from DOJ is not available right now, it may be as late as March 05. Mark will invoice every agency for 2005 dues.

- Ron Bergren advised that there would be a consortium of agencies, cities invited to attend an information sharing session with Denver/Lakewood on the re-banding of the Nextel frequencies.

- Meeting Adjourned at 1050.

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R7 700 MHz Meeting

05/12/05

Arapahoe Sheriff's Office

Region 7's 700 MHz & 4.9 GHz Committee:

The Core Committee met at 8:30 AM today and discussed the "Candidate Statement" inclusion into the Region 7 Plan. They came up with a few minor changes by consensus. The Core Committee asked for one more meeting to review the plan before it is presented to the entire Region 7 RPC. They set the Core Meeting for May 26, @ 10:00 AM. at Denver's Electronic Engineering Bureau's Offices (location to be confirmed by Tom Meggett). Then they will be able to present the updated Plan at the Durango Meeting, June 9, @ 10:00 AM.

I have received the final copy of the Region 41 (Utah) 700 MHz Plan, Region 41's 4.9 GHz Plan, and an Interregional Coordination Agreement. This will also be on the agenda for the Durango Meeting. Anybody needing to see their plans before the Durango meeting, please send me an Email.

Walt Leslie, of ADCOM, volunteered to test the paperwork process for applications.....

Emery

Emery L. Reynolds,
Regional Chair
c/o Arapahoe County Sheriff's Office
13101 Broncos Pkwy
Centennial, Colorado 80112-4558
ereynolds@co.arapahoe.co.us
720-874-3720 FAX 720-874-3722

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R7 700 MHz Meeting

06/09/05

Durango Colorado

Present at Meeting:

Emery Reynolds, Ron Bergren, Phil Campbell, Walt Leslie, Gary McKnight, Tom Meggitt, Gary Pasicznyk, Randy Smith, Roger Naranjo, Julie S???, Bob Bushey, Fred Harman

Via Phone:

Dan Gorton, Barb Greibel, Dean Scott, Dennis Kalvels, Jeff Vaughn, Mark Wolf, Leo Giuliani, Bob Ricketts, Jay Chupp.

Discussion

Most recent plan revision posted on CAPRAD page on 5/31/05

CAPRAD border county channel assignments

- UTE covers LaPlata and Archuletta counties for frequency assignments

Frequency Reuse

- Application Requirements section 5.2 of plan

Region 29 update needed on New Mexico chair before plan submission to FCC

- Will contact to get status on New Mexico chairperson and plan information

Need to add information for the Minority statement to plan

- Will request draft from City of Aurora

FAC Update

- Comments on plan from Betty Reinhart
- Dave Funk, CAPRAD comments that plan looks favorable to succeed
- FCC form 601F Ok to use through coordination for applications

- Needs to have different code for 700 requests
- ADCOM to test paper trail for license process

Next Core Committee meeting on July 7th at 0900 Arapahoe County 13101 E Broncos Parkway.

Next R7 RPC meeting on July 14th in Fort Morgan Colorado.

REGION 7, 700 MHz Regional planning Meeting

July 14, 2005

Fort Morgan, Colorado

10am

- Emery Reynolds called the meeting to order at 1015 and asked for comments on the 2 minority statements that were provided by the City of Aurora and the City of Denver.

- Report from the core committee, Gary Pasicznyk. A meeting was held last week and they passed the draft plan on to Bette Rinehart from Motorola, she made several suggestions which most have been completed. The plan was emailed to the group on 7/11/05. New Mexico will not sign off on our region 7 plan, because they have not selected a chairperson yet. We will need a sign off from this region and make every attempt to get one or have the documentation in place.

- The Denver minority statement will be added to the plan, which the group agreed.

- The City of Aurora (Bob Frank) presented their concerns of the current Region 7 plan. Aurora was ranked #4 in the nation as “high-end” users of public safety technology. They would still like to see the plan re-worked and submit a plan that was agreeable to them. Aurora want more dedication from the committee on frequency allocation, rather than relying on CAPRAD. Aurora wants population considered as a driving factor in allocations. Aurora has done significant work with Ralph Haller on presenting other options, which were not acknowledged.

- Denver’s concern is with the narrow-band channels, not the wide-band, where Aurora has a concern with both. Bill Malone asked Bob Frank if Aurora has communicated with the counties on their concerns for unique needs. Bob said no, that this should be addressed in the plan. There was discussion on the 68 set aside in the Morgan county area, and if that was the best use for those without clearly stating where they would go up front. Gary Pasicznyk said we are looking at the 11 area counties in the Denver area, not the entire state.

- Motion was made to vote on re-working the plan, by Bob Frank and a second was made by Gary. Discussion continued that we are taking too long to come to any resolution. Vote was 22 for not re-working the plan and 2 for re-working the plan. (There were several agencies representing proxy votes.)

- Both minority statements will be sent out electronically to the group.

- Discussion on making sure that we have a conference bridge set up in advance.

- At the earliest, it was discussed, if all the remaining information is submitted, the plan could be voted on in September to submit to the FCC. This is a best case scenario. Tom advised we will need to publish notification for this vote. Emery will take the lead on notifying for publishing in APCO and IACP. More than likely the vote will be in October, Aurora will host this meeting, so we keep it centralized.

- Next meeting in Lakewood on September 8th. (No August meeting).

REGION 7

COLORADO REGIONAL PLANNING COMMITTEE

700 MHz Meeting 090805

Lakewood Colorado

Present at Meeting:
Emery Reynolds, Ron Bergren, Myron Kissinger, Jerry Vahling, Mark Stanley, Leo Giuliani, Ken Reather, Gary McKnight, Tom Meggitt, Gary Pasicznyk, Randy Smith, Bob Frank, Jerry Kuzior, Dan Gorton, Barb Greibel, Jeff Vaughn, Bob Ricketts, Jay Chupp, Gary Niernberger

Via Phone:
Mark Wolf, Bob Bushey, Bill Malone, Phil Campbell

Meeting Started 10:20 Am

Meeting Adjourned 10:40 Am

Discussion

Emery Reynolds has retired from Arapahoe County Sheriff's Office; he will be retained as their 700 MHz consultant for the future.

Most recent plan revision posted on CAPRAD web page on 9/07/05

Please take time to review draft plan, will vote for final submission to FCC at October 13th meeting in Aurora.

Wideband data channel assignments

- Motion made to have R7 FAC allocate channels to cover wording in plan before submission to the FCC

- Section 8.5 of current draft plan page 16.

Region 29 New Mexico has not selected a chairperson; need to send letter and get information from Region 29 before plan submission to FCC.

City of Aurora wants to submit plan ASAP for FCC review and decision on minority statements.

Emery Reynolds will remain chairperson and official R7 notification to his home address.

Next R7 meeting on October 13th at 1000 Aurora Municipal Center 5th floor Council Chambers 15300 E. Alameda Avenue.

700 MHz REGION 7

PLANNING COMMITTEE

OCTOBER 13, 2005 10AM CITY OF AURORA

- Emery has asked the committee to be confirmed to continue as the chairperson, at the request of the FCC; Emery would like to be confirmed until the end of this year, and then ask for a new vote at the end of the year for the Chairperson. For now, Emery has a letter that authorizes him as the Arapahoe County representative. Vote was taken and none were opposed. This will take care of Emery remaining as the chair until the end of the year.
- The committee has not publicized any notices so far in a publication; Tom Meggitt will send the information to Mark Stanley, who will get it published in the next APCO magazine.
- Myron Kissinger gave an update of the testing for the 4.9GHz pilot project that is being tested in the area. The participants are Proxim, Parker Fire (who obtained the grant), Pericle Communications, K & S Communications, and the City of Denver. Equipment has been installed in Parker and there will be some antennas in the downtown area next along Colfax and near the Pepsi Center. There is a link from the Parker Fire website if anyone is interested.
- Wide-band 700, Emery has a letter that was electronically filed by the FCC concerning the ability of taking the wide band 700 band wider than the 150KHz. More information to be sent to the group. It was discussed that there is some off the shelf equipment today that could be used today for 700. It is more efficient (Dennis Kalvels) to use the wide-band channels as an aggregate, rather than using many narrow-band channels together.
- Currently there are 16, 150KHz channels available state-wide, there are no state “set-aside” for the state. The question is within the rules, what can we do. The group decided that we would file the plan and re-address the wide band data channels by 04/30/2006, motion made, second and no one was opposed. The wording will be changed in the current plan, that this will be addressed later. We need to remain consistent on the data channels for what was submitted to do the same with voice channels.
- Emery received a letter from Ken Fellman, City of Aurora’s counsel, concerning Aurora’s issues over the plan. A second letter was received from Ken to Emery, as Emery states “complaining” that he (Ken) did not receive a response from Emery. Emery said he was not going to respond, unless asked by the committee. The original letter from Ken was attached to the Denver minority statement in the July 2005 meeting. The documentation will be attached from Ken Fellman and we will proceed.

- Emery asked for anyone questions before we discuss the plan, no changes have been made, other than what was discussed. Jeff Vaughn made a motion to proceed and there was a second motion made by Gary Pasicznyk to proceed with the plan. All voted, no one opposed. New Mexico was sent a letter on the Region 7 plan and the most current copy is posted on CAPRAD.
- The plan should be filed to the FCC by December 2005.
- Emery's new contact:
  Emery Reynolds
  6399 South Fiddler's Green Circle, Suite 400
  Greenwood Village, CO 80111

  Phone: 720-493-7045
  FAX: 720-493-7027
  Mobile: 303-328-1862

  Emery.reynolds@bearingpoint.com

  - The group decided that someone from Region 7, should attend the Region 46 (Wyoming) meeting. Expenses could be reimbursed by the account maintained by the Treasurer. The current balance is $2800. Dennis Kalvels will be attending for the group.
  - There is no November meeting, the next meeting will be on December 8th, 10am in Broomfield. Broomfield will supply a conference bridge for the meeting.
  - Meeting adjourned at 1055.

REGION 7-COLORADO

REGIONAL PLANNING MEETING

December 8, 2005

BROOMFIELD

- On the phone bridge- Mark Wolf, Dan Gorton, Bob Ricketts, Jeff Vaughn and Gary Wilton.

- Report from Gary Pasiczynk – minor corrections made and the plan is ready to be submitted. New Mexico has been convened and he should be able to sign off from their region. Wide band channel allocations have been added, from Dennis Kalvels. We have stated in the plan that the wide band channels will be addressed by 04/06.

- Dan Gorton will get the remaining documents into PDF and return to Gary for it to be sent in; Gary will also make copies on CD for distribution.

- A vote was taken by the group to go ahead and submit the plan as well as mail the letters drafted for concurrence. All were in favor, including those on the conference bridge. Bob Frank did note he was voting yes to submit the plan, although he opposes the plan.

- Dennis Kalvels met with Wyoming; they have no plans to utilize any 700 spectrum. (Kent Drummond); Kent should send the letter back to us very shortly.

- Next meeting will be January 26th at 10am, Arapahoe County (tentative, to be confirmed.)

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REGION 7-COLORADO

REGIONAL PLANNING MEETING

March 16, 2006

Centennial

From E-mail dated: Wed 3/15/2006 5:37 PM, SUBJ: [700MHzRegion7] Meeting of March 15, 2006

At this meeting we had in attendance the following persons:
Emery Reynolds, Chair (Arapahoe County)
Dennis Kalvels, State & FAC
Larry Brooks, State
Bob Franks, Aurora
Jerry Kuzior, Denver (Fire)
Dave Frank, Denver (Fire)
Randall Smith, Jefferson County
Dan Gorton, Colorado Springs (Pikes Peak Regional)
Bob Ricketts, El Paso County (via Phone)
Jack Cobb, State EOC (via Phone)

Meeting opened at approximately 10:00 AM

After Introductions:

1. 10: 15 AM - A Status Report was given on the concurrences from adjacent regions. With only three left, Emery advised the he will do the follow-up.

2. Since it was originally established that the 4.9 GHz work and the SIEC work was held off until the 700 Plan was filed, and with the filing of that plan eminent, the Chair asked every one to consider proceeding with the 4.9 GHz and SIEC activities. Consensus approved.

3. 4.9 GHz. After a brief discussion of the Colorado 4.9 GHz Grant Project, it was decided to ask Myron Kissinger to Chair the Sub-Committee on 4.9 Matters.

4. SIEC. As this activity is assigned to our 700 MHz Committee by the Federal Communications Commission, we will gather the material to accomplish this project. With the work by UASI Communications Committee, North Central Communications Committee, CCNC's Standard Operating Procedures Committee, RETAC Committees and the All-Hazards Regional Committees, a consolidation of the information will start

the project. Desiring a central location and person to coordinate this information, we decided to ask Jack Cobb to be the Chair of this Sub-Committee.

5. Next meeting is scheduled for 10:00 AM, April 29, 2006 at same place.

Emery Reynolds
Chair

Please send me any corrections.

From E-mail dated: Thu 3/16/2006 8:25 AM, SUBJ: RE: [700MHzRegion7] Meeting of March 15, 2006

Wednesday April 26, 2006 is the correct date and time is 10:00 AM at the State of Colorado's Emergency Management Offices (EOC) 9195 East Mineral Avenue, Suite 200, Centennial, Colorado

REGION 7-COLORADO

REGIONAL PLANNING MEETING

June 22, 2006

NO MINUTES WERE TAKEN AT THIS MEETING

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REGION 7-COLORADO

REGIONAL PLANNING MEETING

August 23, 2006

NO MINUTES WERE TAKEN AT THIS MEETING

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Tab 3 (Membership List) to **Appendix C** (Notices, Minutes, Member Attendance Lists) Region 7 - 700 MHz Regional Plan

Name	Voting	Agency	Address	Phone	Ext	Email
Alberti, Mark	Y	Adams Co SO	4201 E. 72nd Ave, Commerce City, CO 80022	(720) 322-1199		malberti@co.adams.co.us
Bate, Brian	N	City of Pueblo		(719) 533-2739		bbate@pueblo.us
Bell, Randy	Y	Colo. Spgs	404 W. Fontanero St, Colorado Springs, CO 80901	(719) 632-4923		rbell@ci.colospgs.co.us
Bergren, Ron	Y	Lakewood PD	445 S. Allison Pkwy, Lakewood, CO 80226	(303) 763-6809		ronb100@comcast.net
Bond, Philip	N	Motorola	9800Pyramid Court # 200, Englewood	(303) 689-2807		phil.bond@motorola.com
Borrego, Mike	Y	State of Colorado	2542 West 2nd Avenue, Denver			mike.borrego@state.co.us
Brooks, Larry	Y	State of Colorado	2542 West 2nd Avenue, Denver	(303) 866-2958		larry.brooks@state.co.us
Browne, Steve	Y	Denver Mgr. Sfty	1331 Cherokee St., Denver, CO 80209	(720) 913-6245		brownes@ci.denver.co.us
Bruce, Joe	Y	North Metro Fire	10550 Huron St., Northglenn, CO 80224	(303) 252-3001		
Bruscino, Tom	N	Twin Eagle	27225 CR 7, Lake George, CO 80827	(303) 531-5498		tom@twineagleconsulting.com
Buckler, Kim	N	Buckler Engineering		(720) 270-4770		kim@bucklereng.com
Bushey, Bob	N	Dataradio		(425) 430-2919		bhuskey@datardio.com
Campbell, Alan	Y	ADCOM	7321 Birch St, Commerce City, CO 80022	(303) 227-7113		campbell@adcom911.org
Campbell, Phil	Y	City of Durango	949 E. 2nd Ave, Durango, CO 81301	(970) 382-2906		campbellp@ci.durango.co.us
Carmosino, Beth	Y	Northglenn PD	11701 Community Ctr Dr, Northglenn, CO 80233	(303) 450-8819		bcarmosino@northglenn.org
Castellion, Lee	N	IEEE	6929 S. Bemis Street, Littleton, CO 80120	(720) 283-6802		leec@ieee.org
Cherry, Joe	N	Twin Eagle		(303) 531-4598		joe@twineagleconsulting.com
Chupp, Jay	Y	El Paso County	2739 E. Las Vegas, CO Spgs, CO 80906	719-390-2025		jaychupp@elpasoco.com
Cobb, Jack	N	State Of Colorado, EOC		(720) 852-6603		jack.cobb@state.co.us
Coleman, Michael	Y	Douglas County SO	4000 Justice Way, Castle Rock, CO 80109	(303) 660-7599		mcoleman@douglas.co.us
Collins, Timothy	Y	Genesee Fire and Rescue	23455 Currant Drive, Golden, CO 80401	303-588-3214		genchief1@msn.com
Combs, Ron	Y	Parker PD	19600 E. Parker Square, Parker, CO	(303) 805-3309		rcombs@ci.parker.co.us
Cook, Jeannie	Y	Southern Ute Tribe		(970) 563-4401	3314	jcook@southern-ute.nsn.us
Coraggio, Tony	Y	Broomfield PD	7 Descombes Drive, Broomfield, CO	(303) 438-6400		acoraggio2ci.broomfield.co.us
Daley, Dave	Y	South Metro Fire				ddaley@southmetro.org
Day, Dennis	Y	North Metro Fire	10550 Huron St., Northglenn, CO 80224	(303) 252-3001		dday@northmetrofire.org
Dennis, Bruce	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4397		dennisb@ci.denver.co.us
Ditolla, George	Y	South West Adams Fire	3365 W. 65th	(303) 429-3597		gditolla11@aol.com
Donnell, Alex	Y	Falcon Fire	7030 N. Meridien Rd	(719) 495-4050		lalexd@venion.com
Dotts, Charles	Y	Gunnison PD		(970) 641-8000		chuck@ci.gunnison.co.us
Drazin, Jordan	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4415		drazinj@ci.denver.co.us
Drummond, Kent	N	Wy. Planning		(303) 777-3627		kdrumm@state.wy.us
Elliott, Jeffrey	N	Mission Critical Communications		303-792-2390		
Everhart, Trina	Y	Englewood PD		(303) 762-2472		teverhart@englewoodgov.com
Feingold, Lane	N	Motorola		(303) 689-2849		lane.feingold@motorola.com
Fleming, William	N	N	Wy	(970) 416-0123		w.fleming@motorola.com
Foster, Eugene	N	Pulsar		(303) 220-8975		
Frances, Reble	Y	Hanover Fire	17550 S. Peyton Hwy	(719) 683-2150		bisonridge@aol.com
Frank, Bob	Y	City of Aurora	15151 E. Alameda Dr., Aurora, CO 80111	(303) 326-8899		bfrank@ci.aurora.co.us
Frank, Dave	N	Denver Fire	950 Josephine St, Denver, CO	(720) 913-2401		dave.frank@ci.denver.co.us
Friend, Cory	Y	Douglas County	4000 Justice Way, Castle Rock, CO 80109	(303) 660-7595		cfriend@douglas.co.us
Funk, David	N	NLECTC-RM/NPSTC Support Office		(303) 871-2439		dfunk@du.edu
Gabel, Don	Y	Denver PD	1331 Cherokee St., Denver, CO 80209	(720) 913-6277		gabeld@ci.denver.co.us
Gamrat, Mark	Y	Aspen Pitkin County Comm Ctr.	506 E. Main St. Dept C, Aspen, CO 81611	(970) 920-5317		
Gardiner, Neil	Y	Co Spgs Fire	375 Printers Pkwy, Co Spgs, CO 80910	(719) 385-7206		ngardiner@springsgov.com
Giuliano, Leonard	Y	City of Thornton Fire	9351 Grant St #275, Thornton, CO 80228	(303) 538-7276		leonard.giuliano@cityofthornton.net
Gorman, Tim	Y	Castle Rock PD	100 Perry Street, Castle Rock, CO 80104	(303) 663-6100		tgorman@ci.castlerock.co.us
Gorton, Dan	Y	Pikes Peak Regional	404 W Fontanero, Co Spgs, CO 80901	(719) 636-5347		dgorton@springsgov.com
Griebel, Barb	Y	City and County of Broomfield	7 Descombes Drive, Broomfield, CO	(303) 438-6400		bgriebel@ci.broomfield.co.us
Griffith, Pat	Y	Federal Heights	2400 W. 90th Ave, Federal Heights, CO 80260	(303) 428-3526	302	pgriffith@ci.federal-heights.co.us
Hansen, Dana	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4384		hansend@ci.denver.co.us
Harman, Fred	Y	Archuletta Sheriff		970-731-5785		fharman@centurytel.met
Heazlett, Gayle	Y	Denver Water	1600 W. 12th Ave, Denver, CO 80204	(303) 628-6259		gayle.heazlett@denverwater.org
Hilkey, Jack	N	Twin Eagle		(303) 531-4598		jack@twineagleconsulting.com
Housden, Jeff	Y	Greely PD		(970) 356-4000	2892	housdenj@ci.greeley.co.us
Howe, Craig	Y	Arapahoe SO	13101 Broncos Pkwy, Centennial, CO 80112			
Hunsaker, Jim	Y	Denver Fire	950 Josephine St., Denver, CO	(720) 913-2401		
Kalvels, Dennis	Y	State of Colorado	2452 W 2nd Ave, #19, Denver, CO 80223	(303) 866-3459		dennis.kalvels@state.co.us
Karl - Heinz, Graf	Y	ADCOM	7321 Birch St, Commerce City, CO 80022	(303) 227-7111		graf@adcom911.org
Kelly, Rich	Y	Brighton PD	3401 Bromley Lane, Brighton, CO	(303) 655-2314		rkelly@brighton.co.us
Kerr, George	N	M/A-Com	215 Union Blvd, Lakewood, CO	(303) 980-3032		kerrdo@tycoelectronics.com
King, Debra	Y	Castle Rock PD	100 Perry Street, Castle Rock, CO 80104	(303) 663-6100		deking@crgov.com
Kissinger, Myron	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4389		kissingerm@ci.denver.co.us
Kitolla, George	Y	SW Adams Fire	365 W 65th	(303) 429-3597		gkitolla@aol.com
Krapf, Mark	Y	West Metro Fire	447 S. Allison Pkwy, Lakewood, CO 80226	(303) 989-4307	447	mkrapf@westmetrofire.org
Krengel, Kris	Y	Brighton FD	425 S. main, Brighton, CO	(303) 659-4101		kkrengel@gbfpd.org
Kuzior, Jerry	Y	Denver Fire	950 Josephine St., Denver, CO	(720) 913-2401		jerrykuzter@ci.denver.co.us
Lane, Scott	Y	ADCOM	7321 Birch St, Commerce City, CO 80022	(303) 227-7113		lane@adcom911.org
LaPenna, Ron	Y	So Adams Fire	6550 E. 72nd Ave	(303) 288-0835		riapenna@sacfd.org
Larsen, Greg	N	Motorola	9800 Mt. Pyramid CT #200, Englewood, CO 80112			

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Name	Voting	Agency	Address	Phone	Ext	Email
Leeper, Leonard	Y	Denver Fire	950 Josephine St., Denver, CO	(720) 913-2404		leeperl@ci.denver.co.us
Leslie, Walt	Y	ADCOM	7321 Birch St, Commerce City, CO 80022	303-227-7111		lesliew@adcom911.org
Long, Dan	Y	Durango-LaPlatta		(970) 385-2904		longdr@ci.durango.co.us
Lugger, Sandy	N	M/A-Com	215 Union Blvd #375, Lakewood, CO 80228	(303) 980-3031		luggers@tycoelectronics.com
Lutz, Ron	Y	State of Colorado	2542 West 2nd Avenue, Denver			ron.lutz@state.co.us
Malone, Bill	Y	ADCOM	7321 Birch St, Commerce City, CO 80022	(303) 227-7113		malone@adcom911.org
Manna, Jon	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4440		mannaj@ci.denver.co.us
McCandless, Ed	Y	Pueblo City of	150 Central Main, Pueblo	719-553-2739		radio@pueblo.us
McKnight, Gary	Y	Durango PD	990 2nd Ave, Durango, CO 81301	(970) 385-2920		mcknight@ci.durango.co.us
Meggitt, Tom	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4399		meggittt@ci.denver.co.us
Meyer, Craig	Y	Denver SO		(720) 913-3774		meyerc@ci.denver.co.us
Monsees, Pam	Y	Morgan County Communications	400 Warner, Ft Morgan	970-542-3401		morgan911@twol.com
Moreno, Balta	Y	State Telecomm	2452 W. 2nd Ave.	(303) 866-4919		balta.moreno@state.co.us
Narnanjo, Roger	Y	Southern Ute Tribe				
Newhouse, Scott	Y	Aurora	15001 E. Alameda Ave, Aurora, CO 80111	(303) 739-6833		jnewhouse@auroragov.org
Nelson, Ray	Y	State of Colorado	2542 West 2nd Avenue, Denver			
Niernberger, Gary	N	ICTAP	9009 E Nassau Avenue, Denver	303-888-4595		niernbergerg@saic.com
Notary, Jim	Y	North Washington Fire	8055 Washington St. , Denver, CO	(303) 539-6802		jnotary@nwfd.org
Painchaud, Ron	N	Motorola	9800Pyramid Court # 200, Englewood	(303) 689-2806		ron.painchaud@motorola.com
Pasicznyk, Gary	Y	Denver PD	1930 35th Street, Denver, CO 80216	(303) 295-4398		pasicznykg@ci.denver.co.us
Pfannenstiel, Jamie	Y	Douglas SO		(303) 663-7258		jpfannen@douglas.co.us
Pickett, Vicki	Y	Westminister PD	9110 Yates St, Westminister, CO 80031	(303) 430-2400	4366	vpickett@ci.westminister.co.us
Pierson, Eric	Y	City of Durango	949 E. 2nd Ave, Durango, CO 81301	(970) 382-5330		piersonel@ci.durango.co.us
Pollock, Tom	N	Info Sys	8th Civil Support Team, Buckley AFB, Aurora, CO			
Price, Ken	Y	Littleton		(303) 795-3722		kprice@littletongov.org
Radovich, Marty	N	ICTAP	9009 E Nassau Avenue, Denver	303-588-0268		radovichm@saic.com
Ranney, Jim	Y	Denver Fire		(303) 564-5238		
Rathburn, Bill	Y	Genesee Fire and Rescue	23455 Currant Drive, Golden, CO 80401	(303) 536-1458		brcolorado@aol.com
Reather, Ken	Y	Thornton PD	9500 Civic Center Dr	(303) 538-7478		
Reynolds, Emery	Y	Arapahoe SO	13101 E. Bronco Pkwy, Centennial, CO 80112	(720) 874-3720		ereynolds@co.arapahoe.co.us
Rich, Kerry	Y	FRTF	13900 E. Harvard #3-305, Aurora, CO	(720) 748-2929		kkrich@aol.com
Ricketts, Bob	Y	El Paso SO	2739 E. Las Vegas, CO Spgs, CO 80906	(719) 390-2207		bobricketts@elpasoco.com
Rinehart, Bette	N	Motorola		(717) 334-0654		c18923@email.mot.com
Robinson, Dayton	Y	City of Pueblo	150 Central Main, Pueblo	719-553-2569		drobinson@pueblo.us
Robinson, Keith	N	Gunnison PD		(970) 641-8245		keith@ci.gunnison.co.us
Robinson, Paul	N	Gov Office	225 16th Ave, Denver, CO 80203	(303) 866-6231		paul.robinson@state.co.us
Rodriguez, Richard	Y	City of Pueblo	150 Central Main, Pueblo	719-553-2739		radio@pueblo.us
Rowe, Dave	N					
Sayers, Robert	Y	Colo State Univ	215 Nichols Blvd, PO Box 1103, Co Spgs, CO 80947	(719) 668-3996		bsayers@csu.org
Schaub, Peter	N	Neo Certified	383 Inverness Dr E #280, Englewood, CO 80112	(719) 748-7231		pschaub@neocertified.com
Scott, Dean	Y	Boulder SO	1805 33rd Street, Boulder, CO 80301	(303) 441-3880		dscott@co.boulder.co.us
Shears, Nikki	N	FCC	215 S. Wadsworth #303, Lakewood, CO 80226	(303) 231-5212		nshears@fcc.gov
Sheehan, Greg	Y	Thornton Fire	9351 Grant St #275, Thornton, CO 80228			greg.sheehan@cityofthornton.net
Simmons, Mike	Y	Aurora PD		(303) 739-1668		msimmons@ci.aurora.co.us
Smith, Julie	Y	Southern Ute Tribe	PO Box 737, Ignacio CO	970-563-4401		jusmith@southern-ute.nsn.us
Smith, Randy	Y	Jeffco SO	200 Jefferson County Parkway, Golden	(303) 271-5510		rsmith@co.jefferson.co.us
Sprague, Jon	N	FCC	215 S. Wadsworth #303, Lakewood, CO 80226	(303) 231-5212		jsprague@fcc.gov
Sramek, Conrad	N	Colorado	202 Centennial,	(970) 984-2510		
Stanley, Mark	Y	Arvada PD	8101 Ralston Road, Arvada, CO 80002	(720) 898-6667		mark-s@ci.arvada.co.us
Stephens, Carl	N	Management	589 E. 1st, Rifle, CO	(970) 625-8280		
Stodden, Larry	Y	Wheat Ridge PD	7500 W. 29th Ave, Wheat Ridge, CO 80033	(303) 235-2937		lstodden@ci.wheatridge.co.us
Sujeeva, Ranasinghe	N	Wideband Communications	8200 S. Akron St., Centennial, CO 80112	(303) 300-9539		
Sully, M	N	Neo Certified	383 Inverness Dr E #280, Englewood, CO 80112	(719) 748-7231		msully@neocertified.com
Taunton, James	Y	Elbert SO				jtaunton@mho.com
Terry, Doug	Y	Littleton Fire	2255 W Berry Avenue, Littleton	(303) 795-3922		dterry@littletongov.org
Tillman, Brian	Y	El Paso SO	2739 E. Las Vegas, CO Spgs, CO 80906	(719) 390-2025		briantillman@elpasoco.com
Vahling, Jerry	Y	Denver Water	1600 W. 12th Ave, Denver, CO 80204	(303) 628-6829		jerry.vahling@denverwater.org
Vargo, Anthony	Y	South Metro Fire		(720) 488-7200		a.vargo@southmetro.org
Vaughn, Jeff	Y	Douglas SO	4000 Justice Wy, Castlerock, CO	(303) 660-7506		jvaughn@douglas.co.us
Walker, John	Y	Loveland PD		(970) 962-4729		
Walker, Shawn	Y	Aurora Comm	15100 Alameda Pkwy, Aurora, CO 80111	(303) 739-6480		swalker@auroragov.net
Wilkinson, John	Y	City of Pueblo	150 Central Main, Pueblo	719-533-2569		
Williams, Wade	N	City of Aurora	15151 E. Alameda Dr., Aurora, CO 80111	(720) 427-1544		wwilliam@auroragov.org
Wilton, Gary	Y	Arapahoe SO	13101 Broncos Pkwy, Centennial, CO 80112	(720) 874-3723		gwilton@co.aragahoe.co.us
Wohlers, Dave	Y	Idaho Springs PD		(303) 567-4291		policechief@idahospringsco.com
Wolf, Mark	Y	Glendale Police Dept.	950 S Birch St., Glendale	303-639-4306		mwolf@glendale.co.us
Woog, Larry	Y	Commerce City	5291 E. 60th Ave	303-289-3728		
Younger, Jim	Y	North Washington Fire	8055 Washington St. Denver, CO	(303) 289-4683		jyoiunger@nwfd.org

TAB 4 (Attendance Lists from Meetings) to **Appendix C** (Notices, Minutes, Member Attendence Lists) Region 7 - 700 MHz Regional Plan

Name	Voting	Agency	7/29/2003	10/23/2003	11/13/2003	12/11/2003	1/15/2004	2/12/2004 No Call In	6/10/2004	7/9/2004	10/14/2004
Alberti, Mark	Y	Adams Co SO		X	X			X			
Bate, Brian	N	City of Pueblo									
Bell, Randy	Y	Colo. Spgs	X				X				
Bergren, Ron	Y	Lakewood PD	X	X			X	X	X	X	
Bond, Philip	N	Motorola	X			X	X		X		
Borrego, Mike	Y	State of Colorado									
Brooks, Larry	Y	State of Colorado	X		X		X				
Browne, Steve	Y	Denver Mgr. Sfty		X							X
Bruce, Joe	Y	North Metro Fire									
Bruscino, Tom	N	Twin Eagle					X				
Buckler, Kim	N	Buckler Engineering			X	X	X				
Bushey, Bob	N	Dataradio				X					
Campbell, Alan	Y	ADCOM					X				
Campbell, Phil	Y	City of Durango							X	X Ph	
Carmosino, Beth	Y	Northglenn PD		X							
Castellion, Lee	N	IEEE		X							
Cherry, Joe	N	Twin Eagle	X								
Chupp, Jay	Y	El Paso County									X
Cobb, Jack	N	State of Colorado									
Coleman, Michael	Y	Douglas County SO		X							
Collins, Timothy	Y	Genesee Fire and Rescue									X
Combs, Ron	Y	Parker PD		X	X						
Cook, Jeannie	Y	Southern Ute Tribe									
Coraggio, Tony	Y	Broomfield PD		X			X	X			
Daley, Dave	Y	South Metro Fire				X					X
Day, Dennis	Y	North Metro Fire		X	X			X			
Dennis, Bruce	Y	Denver PD	X								
Ditolla, George	Y	South West Adams Fire									
Donnell, Alex	Y	Falcon Fire					X				
Dotts, Charles	Y	Gunnison PD	X								
Drazin, Jordan	Y	Denver PD		X	X	X					
Drummond, Kent	N	Wy. Planning	X	X				X			
Elliott, Jeffrey	N	Mission Critical Communications									
Everhart, Trina	Y	Englewood PD	X	X			X	X			
Feingold, Lane	N	Motorola									
Fleming, William	N	N	X								
Foster, Eugene	N	Pulsar	X		X						
Frances, Reble	Y	Hanover Fire					X				

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Frank, Bob	Y	City of Aurora	X	X	X	X	X	X	X	X	
Frank, Dave	N	Denver Fire									
Friend, Cory	Y	Douglas County		X							
Friar, Tom	N	NCWCD									
Funk, David	N	NLECTC-RM/NPSTC Support Office				X					
Gabel, Don	Y	Denver PD	X								
Gamrat, Mark	Y	Aspen Pitkin County Comm Ctr.							X		
Gardiner, Neil	Y	Co Spgs Fire					X				
Giuliano, Leonard	Y	City of Thornton Fire									
Gorman, Tim	Y	Castle Rock PD		X							
Gorton, Dan	Y	Pikes Peak Regional	X	X	X	X	X		X	X	X
Griebel, Barb	Y	City and County of Broomfield		X	X	X	X	X	X	X Ph	X
Griffith, Pat	Y	Federal Heights	X	X	X	X		X			
Hansen, Dana	Y	Denver PD	X	X	X	X	X	X		X	X
Harman, Fred	Y	Archuletta Sheriff									
Heazlett, Gayle	Y	Denver Water						X			
Hilkey, Jack	N	Twin Eagle	X			X					
Housden, Jeff	Y	Greely PD	X								
Howe, Craig	Y	Arapahoe SO									
Hunsaker, Jim	Y	Denver Fire	X								
Kalvels, Dennis	Y	State of Colorado	X		X		X	X		X	
Karl - Heinz, Graf	Y	ADCOM	X								
Kelly, Rich	Y	Brighton PD		X							
Kerr, George	N	M/A-Com		X							
King, Debra	Y	Castle Rock PD		X	X						
Kissinger, Myron	Y	Denver PD	X	X	X	X	X				X
Kitolla, George	Y	SW Adams Fire									
Krapf, Mark	Y	West Metro Fire		X							
Krengel, Kris	Y	Brighton FD		X							
Kuzior, Jerry	Y	Denver Fire					X	X	X	X	X
Lane, Scott	Y	ADCOM	X								
LaPenna, Ron	Y	So Adams Fire		X							
Larsen, Greg	N	Motorola							X		
Leeper, Leonard	Y	Denver Fire					X				
Leslie, Walt	Y	ADCOM									
Long, Dan	Y	Durango-LaPlatta	X								
Lugger, Sandy	N	M/A-Com	X		X		X				X
Lutz, Ron	Y	State of Colorado									

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Malone, Bill	Y	ADCOM		X	X	X		X	X	X	X
Manna, Jon	Y	Denver PD	X								
McCandless, Ed	Y	Pueblo City of								X	
McKnight, Gary	Y	Durango PD	X			X	X		X		
Meggitt, Tom	Y	Denver PD	X	X	X	X	X	X	X	X	
Meyer, Craig	Y	Denver SO	X		X		X				
Monsees, Pam	Y	Morgan County Communications									
Moreno, Balta	Y	State Telecomm						X			X
Narnanjo, Roger	Y	Southern Ute Tribe									
Newhouse, Scott	Y	Aurora			X						
Nelson, Ray	Y	State of Colorado									X
Niernberger, Gary	N	ICTAP									
Notary, Jim	Y	North Washington Fire		X							
Painchaud, Ron	N	Motorola	X		X			X	X	X	X
Pasicznyk, Gary	Y	Denver PD	X				X				X
Pfannenstiel, Jamie	Y	Douglas SO	X	X							
Pickett, Vicki	Y	Westminister PD		X	X					X	
Pierson, Eric	Y	City of Durango									
Pollock, Tom	N	Info Sys							X		
Price, Ken	Y	Littleton					X				
Radovich, Marty	N	ICTAP									
Ranney, Jim	Y	Denver Fire			X						
Rathburn, Bill	Y	Genesee Fire and Rescue		X							
Reather, Ken	Y	Thornton PD		X							
Reynolds, Emery	Y	Arapahoe SO	X	X		X	X	X	X	X	X
Rich, Kerry	Y	FRTF	X		X						
Ricketts, Bob	Y	El Paso SO					X	X	X		
Rinehart, Bette	N	Motorola									
Robinson, Dayton	Y	City of Pueblo								X	
Robinson, Keith	N	Gunnison PD	X								
Robinson, Paul	N	Gov Office					X				
Rodriguez, Richard	Y	City of Pueblo								X	
Rowe, Dave	N										
Sayers, Robert	Y	Colo State Univ	X					X			
Schaub, Peter	N	Neo Certified					X				
Scott, Dean	Y	Boulder SO	X		X	X			X		X
Shears, Nikki	N	FCC	X	X			X				
Sheehan, Greg	Y	Thornton Fire		X	X			X			

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Simmons, Mike	Y	Aurora PD	X								
Smith, Julie	Y	Southern Ute Tribe									X
Smith, Randy	Y	Jeffco SO	X	X	X			X		X	X
Sprague, Jon	N	FCC	X		X		X				
Sramek, Conrad	N	Colorado							X		
Stanley, Mark	Y	Arvada PD	X	X	X	X		X	X	X	X
Stephens, Carl	N	Management							X		
Stodden, Larry	Y	Wheat Ridge PD		X	X			X			
Sujeeva, Ranasinghe	N	Wideband Communications							X	X	
Sully, M	N	Neo Certified					X				
Taunton, James	Y	Elbert SO				X					
Terry, Doug	Y	Littleton Fire					X			X	X
Tillman, Brian	Y	El Paso SO					X	X	X		
Vahling, Jerry	Y	Denver Water		X	X	X	X		X	X	
Vargo, Anthony	Y	Sough Metro Fire					X				
Vaughn, Jeff	Y	Douglas SO	X		X		X	X	X	X	X
Walker, John	Y	Loveland PD	X								
Walker, Shawn	Y	Aurora Comm			X						
Wilkinson, John	Y	City of Pueblo								X	
Williams, Wade	N	City of Aurora									
Wilton, Gary	Y	Arapahoe SO					X	X			X
Wohlers, Dave	Y	Idaho Springs PD	X								
Wolf, Mark	Y	Glendale Police Dept.								X	X
Woog, Larry	Y	Commerce City		X							
Younger, Jim	Y	North Washington Fire		X							

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Alberti, Mark															
Bate, Brian															X
Bell, Randy				X											
Bergren, Ron		X	X		X			X	X	X	X	X			
Bond, Philip		X			X		X								
Borrego, Mike					X	X									
Brooks, Larry		X				X	X						X		X
Browne, Steve															
Bruce, Joe															
Bruscino, Tom															
Buckler, Kim															
Bushey, Bob								X		XPh					
Campbell, Alan															
Campbell, Phil								X		XPh					
Carmosino, Beth															
Castellion, Lee															
Cherry, Joe															
Chupp, Jay	X	X	X	X	X	X	X	X Ph		X	X				
Cobb, Jack													XPh		X
Coleman, Michael															
Collins, Timothy															
Combs, Ron															
Cook, Jeannie															
Coraggio, Tony															
Daley, Dave	X														
Day, Dennis							X								
Dennis, Bruce															
Ditolla, George															
Donnell, Alex															
Dotts, Charles															
Drazin, Jordan															
Drummond, Kent															
Elliott, Jeffrey		X													
Everhart, Trina															
Feingold, Lane														X	X
Fleming, William															
Foster, Eugene															
Frances, Reble															

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Frank, Bob		X		X	X				X	X	X	X	X	X	X
Frank, Dave													X		X
Friend, Cory															
Friar, Tom															X
Funk, David															
Gabel, Don															
Gamrat, Mark															
Gardiner, Neil		X													
Giuliano, Leonard		X		X Ph	X	X	X	X Ph		X	X	X			
Gorman, Tim															
Gorton, Dan	X	X	X	X	X	X	X	X Ph		X	X	XPh	X		XPh
Griebel, Barb		X	X		X	X		X Ph		X	X	XPh		X	XPh
Griffith, Pat															
Hansen, Dana		X				X			X			X			
Harman, Fred								X							
Heazlett, Gayle															
Hilkey, Jack			X												
Housden, Jeff															
Howe, Craig									X						X
Hunsaker, Jim															
Kalvels, Dennis	X	X	X	X	X		X	X Ph	X		X	X	X		X
Karl - Heinz, Graf															
Kelly, Rich															
Kerr, George															
King, Debra															
Kissinger, Myron		X			X	X					X				
Kitolla, George		X													
Krapf, Mark											X				
Krengel, Kris		X													
Kuzior, Jerry	X	X	X	X	X		X		X	X	X	X	X		
Lane, Scott						X	X								
LaPenna, Ron		X													
Larsen, Greg															
Leeper, Leonard															
Leslie, Walt		X	X	X	X	X	X	X						X	X
Long, Dan															
Lugger, Sandy															
Lutz, Ron					X	X									

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Malone, Bill	X	X			X	X			X	XPh	X				
Manna, Jon															
McCandless, Ed															X
McKnight, Gary		X		X				X		X	XPh			X	
Meggitt, Tom	X	X	X		X	X	X	X	X	X	X	X		X	X
Meyer, Craig															
Monsees, Pam		X							X						
Moreno, Balta															
Narnanjo, Roger								X							
Newhouse, Scott															
Nelson, Ray															
Niernberger, Gary		X		X						X				X	X
Notary, Jim		X													
Painchaud, Ron		X				X									
Pasicznyk, Gary	X	X	X					X	X	X	X	X			X
Pfannenstiel, Jamie															
Pickett, Vicki															
Pierson, Eric					X										
Pollock, Tom															
Price, Ken															X
Radovich, Marty		X		X											
Ranney, Jim															
Rathburn, Bill															
Reather, Ken		X		X	X	X				X	X			X	X
Reynolds, Emery	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rich, Kerry															
Ricketts, Bob			X	X	X		X	X Ph		X		XPh	XPH		XPh
Rinehart, Bette															X
Robinson, Dayton															
Robinson, Keith															
Robinson, Paul															
Rodriguez, Richard															
Rowe, Dave				X											
Sayers, Robert															
Schaub, Peter															
Scott, Dean	X	X			X	X	X							X	X
Shears, Nikki															
Sheehan, Greg		X	X												

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Simmons, Mike															
Smith, Julie								X							
Smith, Randy	X		X	X	X	X	X	X	X	X	X	X	X	X	X
Sprague, Jon															
Sramek, Conrad															
Stanley, Mark	X	X	X	X	X	X			X	X	X	X			
Stephens, Carl															
Stodden, Larry															
Sujeeva, Ranasinghe															
Sully, M															
Taunton, James															
Terry, Doug				X Ph											X
Tillman, Brian															
Vahling, Jerry	X			X	X				X	X					
Vargo, Anthony					X		X								
Vaughn, Jeff	X	X	X	X	X	X		X Ph	X	X	X	XPh			X
Walker, John															
Walker, Shawn															
Wilkinson, John															
Williams, Wade														X	X
Wilton, Gary					X	X	X				X	XPh			
Wohlers, Dave															
Wolf, Mark			X	X Ph				X Ph		XPh		XPh			XPh
Woog, Larry		X													
Younger, Jim															

Appendix D (Priority Matrix) Region 7 - 700 MHz Regional Plan

Criteria: The below listed areas are the areas in which the Frequency Advisory Committee felt requests for the same frequencies or co-site requests could, and should, be evaluated and a priority established to allow both entities to be equitably awarded assignment recommendations.

Service: 100 Points – Public Safety includes police, fire, EMS, local government. Non-public safety are administration, schools, utilities will receive 0 points. 10 points for each Public Safety agency on system to maximum of 100 points.

Multi-agency Systems: 100 Points - Multi-agency Systems – Number of agencies served by the system. 5 Points for each agency with maximum of 100 points

Interoperability: 100 Points – Ability to communicate with other **levels** of government. Communications must be a direct link, no patch or extended devices, to city, county, state, federal or special district agencies. 20 points for each category with maximum of 100 points.

Loading: 150 Points – Number of serialized RF communication units. # units (existing + new) divided by # frequencies (existing + new). Maximum of 150 points. Serialized units exclude VHF and UHF radios.

Spectrum Efficiency: 100 Points – Spectral efficiency of system. Spectrum sharing systems such as trunking or cognitive systems, 100 points. Non-spectrum sharing systems, 0 points.

Implementation Factors; 150 Points – Demonstrate funding and system planning. Provide construction and implementation schedule. Official document supporting: Funding available, up to50 points; Planning completed, up to 50 points; Implementation schedule in place, up to 50 points.

Geographic Effect; 200 Points – Ratio of serialized subscriber units to area covered. Number of subscriber units divided by number of square miles of coverage. Multiply result by 10 to yield score. Maximum score of 200 points.

Givebacks; 200 Points – Consideration for number of frequencies made available for giveback or re-licensing. Ratio of number of giveback frequencies divided by number of requested frequencies. Multiply result by 100 to yield score. Maximum score of 200 points. Giveback can be by cancellation of license, transfer to another agency, or expiration of licensed frequencies within one year. This giveback can be voluntary or involuntary.

Region 7 Priority Matrix Score and Assessment Recommendation Sheet				
	Requesting Agency Information			
Agency A:				
Agency B:				
Agency C:				
Category	Max Points	Agency A	Agency B	Agency C
Service	100			
Multi Agency System	100			
Interoperability	100			
Loading	150			
Spectrum Efficiency	100			
Implementation Factors	150			
Geographic Effect	200			
Givebacks	200			
Total	1100	0	0	0
Percentage		0%	0%	0%
Notes/Remarks/Recommendations:				

Appendix E (Bylaws of the 700 MHz Regional Planning Committee-Region 7 (State of Colorado))

Bylaws of the 700 MHz Regional Planning Committee-Region 7 (State of Colorado)

NAME & PURPOSE

1.1 Name and purpose. The name of this Region shall be Region 7-700 MHz Regional Planning Committee (RPC). Its primary purpose is to foster and promote cooperation, planning, development and evolution of Regional Plans and the implementation of these plans in the 700 MHz Public Safety Band within the State of Colorado.

1.2 Purpose of Bylaws: These bylaws are for governing the general business of the Region 7 700 MHz Regional Planning Committee.

MEMBERS

2.1 Members: For purposes of this document, the term "member," unless otherwise specified, refers to both voting and non-voting members.

2.2 Members, Election and Qualification. The Regional 7 - 700 MHz Regional Planning Committee shall have two classes of members, "voting members" and "non-voting members." New members may be added at annual, special, or regular meetings.

(A) Voting Members. Voting members shall consist of one (1) representative from any single Agency, City, District, or Indian Tribe engaged in public safety eligible to hold a license under 47 CFR 90.20, 47 CFR 90.523 or 47 CFR 2.103. Non-voting members have no rights. In voting on any issue, the individual must identify himself/herself and the agency and eligibility category in which he or she represents. Voting members may not vote on issues involving their entity. The Secretary for Region 7 shall be responsible for maintaining voting records, but it is the responsibility of each voting member to notify the Secretary of any membership changes in writing or in electronic form within 30 days. Alternate Voting members shall be acceptable in lieu of the primary voting party. The Alternate member name shall be given to the Secretary in writing. This concerns business of the regional planning committee.

(B) Non-Voting Members. Non-voting members are all other persons interested in furthering the goals of public safety communications.

2.3 Tenure. In general, each member shall hold membership from the date of acceptance until resignation or removal.

2.4 Powers and Rights. In addition to such powers and rights as are vested in them by law, or these bylaws, the members shall have such other powers and rights as the membership may determine.

2.5 Suspensions and Removal. A member may be suspended or removed with cause by vote of a majority of members after reasonable notice and opportunity to be heard. Region 7 will hold at least two (2) meetings in a calendar year. To retain consistent voting rights, members should attend 50% of the scheduled meetings in a 12-month period. After the date of approval of this Regional Plan by the Federal Communications Commission, all previous attendees are voting members, with the exception of non-voting commercial members. After the acceptance of this Regional Plan, if a voting member or alternate do not attend at least 50% of meetings in a 12-month period that starts on the date of plan acceptance, will lose Region 7 voting rights for either a 6 month period or when the member attends the next Regional Planning Committee meeting, whichever comes first. Attending a meeting is all that is required to immediately reinstate voting members voting rights. The loss of voting rights does not remove a member from active status; it simply requires attendance at a meeting (Special or Regular) to reinstate voting privileges. The voting limitations of an individual have no effect on the voting ability of a public safety entity. The public safety entity reserves the right to send an alternate to vote on issues regarding 700 MHz implementation, or send the original voting member to the next special or regular meeting. A vote of the committee is the final determining factor regarding removal of a member from The Region 7 Planning Committee. A period of 6 months from the first day of removal is required before a removed member is eligible for reinstatement for membership in the Regional Planning Committee.

2.6 Resignation. A member may resign by delivering written resignation to the secretary of the Regional Committee. A resigning member is eligible for reinstatement to the Regional Planning Committee after a period of six months has lapsed, beginning on the first day of resignation.

2.7 Meetings. The Region 7 700 MHz Planning Committee will meet no less than two (2) times per calendar year. One meeting in each calendar year will be held in the Denver metro area. This is centrally located within Region 7 and will provide the maximum opportunity for regional participation. The remaining meeting(s) may be located in a different area within the Region to attract and promote involvement in the committee. Committee meetings will not be held on holidays or weekend days, unless called by the Region 7 Chairperson. At any time and when deemed necessary by the Chairperson, an additional meeting of the Region 7 Regional Planning Committee may be called. Video and/or Audio Teleconferencing may be conducted at meetings to include as many people as possible in the 700 MHz planning process. The use of E-mail will be utilized by members and officers of Region 7 as needed to convey regional issues at hand. It should be noted the use of E-mail and/or video-audio teleconferencing does not remove the voting eligibility requirement of the member to attend at least 50% of the Region 7 annual meetings.

2.8 Special Meetings. The Chairperson has the authority to call a meeting of the Regional Planning Committee when he/she deems it in the best interest of the Region and will provide notice of the special meeting to existing members of the Region (and the public) at least 5 days prior to the meeting. Special meetings of the

members may be held at any time and at any place within the Regional Committee area. Special meetings of the members may be called by the chairman or by the vice-chairman, or in case of death, absence, incapacity, by any other officer or, upon written application of two or more members.

2.9 Call and Notice. A. Meetings. Reasonable notice of the time and place of scheduled meetings of the members, not being less than 45 days, shall be given to each member. Such notice may specify the purposes of a meeting, but will specify meeting content if required by law or these bylaws or unless there is to be considered at the meeting (i) amendments to these bylaws or (ii) removal or suspension of a member who is an officer. Announcements of meetings, stating the time and place where the meeting is to be held may be published in newspapers and land mobile radio periodicals. In addition, a press release may be issued, urging parties interested in public safety communications to attend. Region 7 will notify the Federal Communications Commission, Chief of the Wireless Telecommunications Bureau, when a meeting time and place has been established for the Region 7 700 MHz Regional Planning Committee.
B. Reasonable and sufficient notice. Except as otherwise expressly provided, it shall be reasonable and sufficient notice to a member to send notice by mail at least five days or by e-mail/facsimile at least three days before any special meetings, addressed to such member at his or her usual or last known business address, or, to give notice to such member in person or by telephone at least three days before the meeting.

2.10 Quorum. At any meeting of the members, a majority of the officers and a minimum of at least two officers and three (3) voting members shall constitute a quorum. Any meeting may be adjourned to such date or dates not more than ninety days after the first session of the meeting by a majority of the votes cast upon the question, whether or not a quorum is present, and the meeting may be held as adjourned without further notice.

2.11 Action by Vote. Each voting member shall have voting authority for their Agency, City, District or Indian Tribe. When a quorum is present at a Region 7 meeting, a majority of the votes properly cast by voting members present shall decide any question, including election to any office, unless otherwise provided by law or these bylaws.

2.12 Action by Writing. Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if a majority of responding members entitled to vote on the matter consent to the action in writing. The written consents are filed with the records of the meetings of the members. Such consents shall be treated for all purposes as a vote at a meeting**.** These actions shall be limited to purely administrative matters.

2.13 Proxies. Voting members may vote either in person or by written proxy dated not more than one month before the meeting named therein, which proxies shall be

filed before being noted with the secretary or other person responsible for recording the proceedings of the meeting. A RPC member present via teleconference (audio or video) shall have voting status the same as a member present at the meeting. If the facility is unable to accommodate teleconferencing (audio or video), or for any other reason teleconferencing cannot be accommodated in the meeting place, it is the responsibility of the member to attend the meeting in person or to vote by written proxy to have full voting rights. Unless otherwise specifically limited by their terms, such proxies shall entitle the holders thereof to vote at any adjournment of the meeting for which the proxy exists and the proxy shall terminate after the final adjournment of such meeting.

2.14 Special Interest Voting. A voting member cannot have a commercial interest in any of his/her Region and/or adjacent Region's application(s) on which he/she is reviewing, approving and/or voting.

OFFICERS AND AGENTS

3.1 Number and qualification. The officers of the Region 7 - 700 MHz Regional Planning Committee shall consist of a chairman, a vice-chairman, treasurer and a secretary. An officer may not be a member of any subcommittee of the Region 7 700MHz Regional Planning Committee.

3.2 Election. The officers shall be elected by the voting members at their first meeting and, thereafter, at a meeting determined by the membership. The terms of the officers in the Region 7- 700 MHz RPC will be for two (2) years. In order to allow for consistency in the plan creation and initialization process, the terms of elected officers will begin on the date of the FCC's approval of the Region 7 plan.

3.3 Tenure. The officers shall each hold office until the biennial election meeting of the members held within two years from the adoption of the Regional Plan, or until their successor, if any, is chosen, or in each case until he or she sooner dies, resigns, is removed or becomes disqualified. In order to promote continuity to the board, election for Chairman and Secretary will occur in even calendar years, and election of Vice Chairman and Treasurer will occur in odd calendar years.

3.4 Chairman and Vice Chairman. The chairman shall be the chief executive officer of the Regional Committee and, subject to the control of the voting members, shall have general charge and supervision of the affairs of the Regional Committee. The chairman shall preside at all meetings of the Regional Committee. The Vice Chairman shall have such duties and powers and work in tandem with the Chairman. The Vice-Chairman shall have and may exercise all the powers and duties of the chairman during the absence of the chairman or in the event of his or her inability to act.

3.5 Treasurer. The treasurer shall be the chief financial officer and the chief accounting officer of the Regional Committee. The treasurer shall be in charge of its

financial affairs, funds, and valuable papers and shall keep full and accurate records thereof. In the absence of a treasurer within the Region 7 700 MHz Planning Committee, the Chairperson shall assign Region 7 treasurer duties as deemed necessary.

3.6 Secretary. The secretary shall record and maintain records of all proceedings of the members in a file or series of files kept for that purpose, which file or files shall be kept within the Region and shall be open at all reasonable times to the inspection of any member. Such file or files shall also contain records of all meetings and the original, or attested copies, of bylaws and names of all members and the address (including e-mail address, if available) of each. If the secretary is absent from any meeting of members, a temporary secretary chosen at the meeting shall exercise the duties of the secretary at the meeting. In the absence of a secretary within the Region 7 700 MHz Planning Committee, the Chairperson shall assign Region 7 Secretary duties as deemed necessary.

3.7 Suspensions or Removal. An officer of the Region 7 Regional Planning Committee may be suspended with cause by vote of a majority of the voting members in attendance.

3.8 Resignation. An officer may resign by delivering his or her written resignation to the chairman, vice-chairman, treasurer, or secretary of the Regional Committee. Such resignation shall be effective upon receipt (unless specified to be effective at some other time), and acceptance thereof shall not be necessary to make it effective unless it so states.

3.9 Vacancies. If the office of any officer becomes vacant, the voting members may elect a successor. Each such successor shall hold office for the remainder of the term, and in the case of the chairman, vice chairman, treasurer and secretary until his or her successor is elected and qualified, or in each case until he or she dies, resigns, is removed or becomes disqualified.

FREQUENCY ADVISORY SUBCOMMITTEE

4.0 Purpose. The Frequency Advisory Subcommittee will review applications to ensure they comply with all elements of the Regional Plan. This Subcommittee will approve or disapprove all applications in accordance with the established regional plan, and pass that recommendation on to the full Regional Planning Committee for a vote. Applications must be approved before they are submitted to one of the FCC recognized frequency coordinators. The Frequency Advisory Subcommittee's review of the application will NOT be a review to ensure the application meets FCC requirements for filing.

4.1 Members. The Frequency Advisory Subcommittee is constituted as follows: members in the following categories – Subcommittee Chairperson, Subcommittee Vice Chairperson, City Government, County Government, Police Services, Fire

Services, EMS Services, tribal, State Government and two members at large. The members of the Frequency Advisory Subcommittee are selected by the Regional Planning Committee. The Frequency Advisory Subcommittee shall consist of members that are representative of Region 7; that is that this group has representation from large, small and rural agencies throughout the region.

4.2 Training. Members of the Frequency Advisory Subcommittee shall attend CAPRAD training as soon as is reasonably possible after their election to the subcommittee. Activities of the Frequency Advisory Subcommittee will be documented in the CAPRAD database.

4.3 Voting. Each Frequency Advisory Subcommittee member shall have one vote; the majority of the votes properly cast by members present shall decide any question, except that the subcommittee Chairperson will not cast a vote unless necessary to break a tie.

AMENDMENTS

5.0 Amendments. These bylaws may be altered, amended or repealed in whole or in part by vote. The voting members may by a two-thirds vote of a quorum, alter, amend, or repeal any bylaws adopted by the Regional Committee members or otherwise adopt, alter, amend or repeal any provision which FCC regulation or these bylaws requires action by the voting members.

DISSOLUTION

6.0 Dissolution This Regional Committee may be dissolved by the consent of two-thirds plus one of an assembled quorum of the membership at a special meeting called for such purpose. An equal distribution of remaining funds will be made to participating agencies. The FCC shall be notified.

Regional Planning Committee (RPC 7) Dispute Resolution Process

INTRODUCTION

The Regional Planning Committee for Colorado (RPC 7) is established under section 90.527 of the FCC's rules and regulations which came into effect on April 20, 2001. It is an independent Committee apart from the Federal Communications Commission with authority to evaluate application for public safety uses of the spectrum allocated under FCC Docket 96-86. In addition, appeals from decisions made with respect to a variety of matters regulated by RPC 7 will be heard. The formal requirements of the appeal process are set out below.

In order to ensure that the appeal process is open and understandable to the public, RPC 7 has developed this procedure. Those involved in the appeal process can expect that RPC 7 and its members will follow the procedures (as may be amended from time to time). Where any matter arises during the course of an appeal; that is not dealt with in this document, RPC 7 will do whatever is necessary to enable it to adjudicate fairly, effectively and completely on the appeal. In addition, RPC 7 may dispense with compliance any part or all of a particular procedure where it is appropriate in the circumstances. As RPC 7 gains experience, it will refine and, if necessary, change its policies. Any changes made to the procedure will require a modification to the Regional Plan for Region 7 (Colorado) and will be made available to the public.
RPC 7 will make every effort to process appeals in a timely fashion and issue decisions expeditiously.

Appeals Committee

Members

The Regional Chair may organize the Committee into Sub-Committees, each comprised of one or more members, and the Appeals Sub-Committee is one of those Sub-Committees.

Where an appeal is scheduled to be heard by this Sub-Committee the chair is determined as follows:

(a) if the chair of the Committee is on the Sub-Committee, he/she will be the chair;

(b) if the chair of the Committee is not on the Sub-Committee but the vice-chair is, the vice-chair will be the chair; and

(c) if neither the chair nor the vice-chair is on the Sub-Committee, the Regional Committee will designate one of the members to be the chair.

Withdrawal or Disqualification of a Committee Member on the Grounds of Bias

Where the chair or a Committee member becomes aware of any facts that would lead an informed person, viewing the matter reasonably and practically, to conclude that a member, whether consciously or unconsciously, would not decide a matter fairly, the member will be prohibited from conducting the appeal unless consent is obtained from all parties to continue. In addition, any party to an appeal may challenge a member on the basis of real or a reasonable apprehension of bias.

Correspondence (Communicating) with the Committee

To ensure the appeal process is kept open and fair to the participants, any correspondence to RPC 7 must be sent to the Chair and be copied to all other RPC 7 members and other parties to the appeal, if applicable.

RPC 7 members will not contact a party on any matter relevant to the merits of the appeal, unless that member puts all other parties on notice and gives them an opportunity to participate.

The appeal process is public in nature and all meetings regarding the appeal will be open to the public.

THE APPEAL PROCESS

Filing an Appeal

What can be appealed

RPC 7 hears appeals from a determination or allocation and shall include the following: i.e. number of channels assigned, ranking in the assignment matrix, interference, or any other criteria that the region shall establish.

Who can appeal

An official of the entity who filed the original application to RPC 7 must be the person who files the appeal on behalf of the entity.

How to appeal

A notice of appeal must be served upon RPC 7. The notice of appeal may be "delivered" by mail, courier, or hand delivered to the office of the Chair and Members of RPC 7 as listed in the Official Membership List. RPC 7 will also accept a notice of appeal by facsimile to the Chair and Secretary with the original copy of the notice of appeal served as indicated above.

Certain things must be included in a notice of appeal for it to be accepted. The notice of appeal **must** include:

1. The name and address of the appellant;

2. The name of the person, if any, making the request for an appeal on behalf of the appellant;

3. The address for service of the appellant;

4. The grounds for appeal (a detailed explanation of the appellant's objections to the determination - describe errors in the decision);

5. A description of the relief requested (What do you want the Committee to order at the end of the appeal?);

6. The signature of the appellant or the appellant's representative.

Time limit for filing the appeal

To appeal a determination or allocation the entity that is subject to the determination must deliver a notice of appeal **within three weeks** after receiving the decision. If a notice of appeal is not delivered within the time required, the right to an appeal is lost. However, RPC 7 is allowed to extend the deadline, either before or after its expiration based upon a majority plus one vote of RPC 7.

Extension of time to appeal

RPC 7 has the discretion to extend the time to appeal either before or after the three week deadline. A request for an extension should be made to the RPC, in writing, and include the reasons for the delay in filing the notice of appeal and any other reasons

which the requester believes support the granting of an extension of time to file the appeal. A request for an extension should accompany the notice of appeal.

In deciding whether to grant an extension, RPC 7 will consider whether fairness requires an extension. RPC 7 will take into account the length of the delay, the adequacy of the reasons for the delay, the prejudice to those affected by the delay and any impacts that may result from an extension. Other factors not identified could be relevant depending on the circumstances of the particular case.

Rejection of a notice of appeal

RPC 7 may reject a notice of appeal if:

(a) it is determined that the appellant does not have standing to appeal; or
(b) the Committee does not have jurisdiction over the subject matter or the remedy sought.

Before a notice of appeal is rejected, RPC 7 will inform the appellant of this in writing, with reasons, and give the appellant a three-week opportunity to make submissions and any potential parties with an opportunity to respond.

Adding parties to the appeal

In addition to the parties mentioned above, RPC 7 has the discretion to add any other person who may be “affected” by the appeal as a party to the appeal. Anyone wanting to obtain party status should make a written request to RPC 7 as early as possible. The written request should contain the following information:

a. The name, address, telephone and fax number, if any, of the person submitting the request;

b. detailed description of how the person is “affected” by the notice of appeal and

c. The reasons why the person should be included in the appeal; and

d. The signature of the person submitting the request.

Intervener status

RPC 7 may also invite or permit someone to participate in a hearing as an intervener. Interveners are generally individuals or groups that do not meet the criteria to become a party (i.e. “may be affected by the appeal”) but have sufficient interest in, or some relevant expertise or view in relation to the subject matter of the appeal.

Someone wanting to take part in an appeal as an intervener should send a written request to the RPC.

Prior to inviting or permitting a person to participate in a proceeding as an intervener, or deciding on the extent of that participation, RPC 7 will provide all parties with an opportunity to make representations if they wish to do so.

Type of appeal (written or oral) hearing

An appeal may be conducted by way of written submissions, oral hearing or a combination of both. RPC 7 will determine the appropriate type of appeal after a complete notice of appeal has been received.

RPC 7 will normally conduct an oral hearing although it may order that a hearing proceed by way of written submissions in certain cases. Where a hearing by written submissions is being considered by the RPC, RPC 7 may request input from the parties.

Burden of proof

The general rule is that the burden or responsibility for proving a fact is on the person who asserts it.

Notification of expert evidence

RPC 7 requires any party that intends to present expert evidence at a hearing to provide RPC 7, and all other parties to the appeal, with reasonable advance notice that an expert will be called to give an opinion. The notice should include a brief statement of the expert's qualifications and areas of expertise.

If a party intends to produce, at a hearing, a written statement or report prepared by an expert, a copy of the statement or report should be provided to the RPC and all parties to the appeal within a reasonable time before the statement or report is given in evidence. Unless there are compelling reasons for later admission, expert reports should be distributed 30 days prior to the hearing date.

Documents

If a party will be referring to a document that was not provided to the RPC and all parties prior to the hearing, sufficient copies of the document must be brought to the hearing for RPC 7 and all other parties.

APPEALING THE APPEALS SUBCOMMITTEE'S DECISION

If a party is not satisfied with the decision of the Region's Appeals Subcommittee's Decision, he or she can appeal that decision to the 700 MHz National Planning Oversight Committee.

Appendix G (Adjacent Regions Concurrence) Region 7 - 700 MHz Regional Plan

Appendix G consists of eight Tabs which contain the Inter-Regional Coordination Agreement between Region 7 – Colorado, and it's adjacent regions as follows:

TAB 1 Inter-Regional Coordination Agreement – Region 3 Arizona

TAB 2 Inter-Regional Coordination Agreement – Region 16 Kansas

TAB 3 Inter-Regional Coordination Agreement – Region 26 Nebraska

TAB 4 Inter-Regional Coordination Agreement – Region 29 New Mexico

TAB 5 Inter-Regional Coordination Agreement – Region 34 Oklahoma

TAB 6 Inter-Regional Coordination Agreement – Region 41 Utah

TAB 7 Inter-Regional Coordination Agreement – Region 46 Wyoming

TAB 8 Inter-Regional Coordination Agreement – Region 52 Texas Panhandle

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Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 3 Arizona.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 3, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 3 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 9-30-04

Region 3 Chair
Curt Knight

Date: 8/26/04

Note 1: The dispute resolution agreement from Mark S Schroeder, signed 1/30/06, supercedes this resolution agreement as signed by Curt Knight. The subsequent agreement follows on the next four pages.

Inter-Regional CoordinationProcedures
and
Procedures for Resolution of Disputes
That May Arise Under FCC Approved Plans

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 3 Arizona and Region 7 Colorado.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 3 and 7, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window (if this procedure is being used) is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review.[1] This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

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[1] If an applicant's proposed service area or interference contour extends into an adjacent Public Safety Region(s), the application must be approved by the affected Region(s). Service area shall normally be defined as the area included within the geographical boundary of the applicant, plus three (3) miles. Interference contour shall normally be defined as a 5 dBu co-channel contour or a 60 dBu adjacent channel

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

(2) If the Inter-Regional Working Group cannot resolve the dispute, then the matter shall be forwarded for evaluation to the National Plan Oversight Committee (NPOC)[2], of the National Public Safety Telecommunications Council. Each Region involved in the dispute shall include a detailed explanation of its position, including

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contour. Other definitions of service area or interference shall be justified with an accompanying *Memorandum of Understanding (MOU)* or other application documentation between agencies, i.e. mutual aid agreements.

engineering studies and any other technical information deemed relevant. The NPOC will, within thirty (30) calendar days, report its recommendation(s) to the Regional chairpersons via the CAPRAD database. The NPOC's decision may support either of the disputing Regions or it may develop a proposal that it deems mutually advantageous to each disputing Region.

g. Where adjacent Region concurrence has been secured, and the channel assignments would result in no change to the Region's currently Commission approved channel assignment matrix. The initiating Region may then advise the applicant(s) that their application may be forwarded to a frequency coordinator for processing and filing with the Commission.

h. Where adjacent Region concurrence has been secured, and the channel assignments would result in a change to the Region's currently Commission approved channel assignment matrix, then the initiating Region shall file with the Commission a *Petition to Amend* their current Regional plan's frequency matrix, reflecting the new channel assignments, with a copy of the *Petition* sent to the adjacent Regional chairperson(s).

i. Upon Commission issuance of an *Order* adopting the amended channel assignment matrix, the initiating Regional chairperson will send a courtesy copy of the *Order* to the adjacent Regional chairperson(s) and may then advise the applicant(s) that they may forward their applications to the frequency coordinator for processing and filing with the Commission.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 3 and 7 do hereunto set their signatures the day and year first above written.

Respectfully,

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[2] The Regional Plan Oversight Committee (RPOC) is a committee within the National Public Safety Telecommunications Council (NPSTC) established to arbitrate disputes between 700 MHz Regions that cannot be resolved by the impacted Regions.

date: 1/30/06

Mark S. Schroeder, Region 3 700 Chairman

date: 1-18-06

Emery L. Reynolds, Region 7 700 Chairman

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 16 Kansas.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 16, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 16 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 1-13-05

Region 16 Chair
Edwin D. Geer

Date: 12/17/04

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 26 Nebraska.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 26, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 26 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: _____

Region 26 Chair
Mike Jeffries

Date: 3-11-05

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 29 New Mexico.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 29, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 29 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 1-18-07

Region 29 Chair
Julian Zamora

Date: 3/1/07

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 34 Oklahoma.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 34, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 34 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 1-5-07

Region 34 Chair
Stephen Williamson

Date: 1-3-07

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 41 Utah.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 41, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 41 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 12-16-04

Region 41 Chair
Steve Proctor

Date: 11-30-04

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 46 Wyoming.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 46, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 46 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 12-16-04

Region 46 Chair
Kent Drummond

Date: 20 Aug 04

Inter-Regional Coordination Procedures

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 7 Colorado and Region 52 Texas Panhandle.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 7 and 52, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

a. An application filing window is opened or the Region announces that it is prepared to begin accepting applications on a first-come/first-served basis.

b. Applications by eligible entities are accepted.

c. An application filing window is closed after appropriate time interval.

d. Intra-regional review and coordination takes place, including a technical review resulting in assignment of channels.

e. After intra-regional review, a copy of those frequency-specific applications requiring adjacent Region approval, including a definition statement of proposed service area, shall then be forwarded to the adjacent Region(s) for review. This information will be sent to the adjacent Regional chairperson(s) using the CAPRAD database.

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

II. Dispute Resolution

(1) If the adjacent Region(s) cannot approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond within 10 (Ten) calendar days via email. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days to attempt to resolve the dispute. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons email (CAPRAD database). Findings may include, but not be limited to:

(i) Unconditional concurrence;

(ii) conditional concurrence contingent upon modification of applicant's technical parameters; or

(iii) partial or total denial of proposed frequencies due to inability to meet co-channel/adjacent channel interference free protection to existing licensees within the adjacent Region.

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 7 & 52 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 7 Chair
Emery Reynolds

Date: 9-30-04

Region 52 Chair
Bob Sanders

Date: 8-30-04

Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

Appendix H consists of separate Tabs for ease of finding the specific documentation.

TAB 1	Region 3 - Arizona	H-1-1
TAB 2	Region 16 - Kansas	H-2-1
TAB 3	Region 26 - Nebraska	H-3-1
TAB 4	Region 29 - New Mexico	H-4-2
TAB 5	Region 34 - Oklahoma	H-5-1
TAB 6	Region 41 - Utah	H-6-1
TAB 7	Region 46 - Wyoming	H-7-1
TAB 8	Region 52 - Texas Panhandle	H-8-1

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DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 3 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 3 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 3 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Curt Knight
Regional Chairperson Arizona – Region 3
Arizona Department of Public Safety
2102 West Encanto Blvd., P.O. Box 6638
Phoenix, Arizona 85005-6638

Note 1: Letter dated 2/15/2006 from Mark S Schroeder provided concurrence by Region 3 with the Region 7 Plan. This letter follows on the next page.

Tab 1 (Region 3 – Arizona) to Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

Colorado 764-776-/794-806

FCC Region 7 700 MHz Regional Planning Committee

Date: 2/15/06

Regional Chairperson, Region 7 700 MHz Committee
Emery L. Reynolds, Chairperson
5002 South Newton Street
Littleton, Colorado 80123-1710

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 3 is in receipt of your proposed 700 MHz Regional Plan for Colorado, submitted to this committee on or about January 18, 2006. Region 3 Met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 3 to your proposed 700 MHz Regional Plan.

Sincerely,

Mr. Mark S. Schroeder
Regional Chairperson – Arizona, Region 3
Wireless System Manager
Maricopa County
3324 W Gibson Lane
Phoenix, Arizona 85009-62248

DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 16 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 16 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 16 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Mr. Edwin D. Geer
Regional Chairperson Kansas – Region 16
Department of Transportation
Bureau of Construction and Maintenance
700 SW Harrison Street
Topeka, Kansas 66603-3754

Note 1: Letter dated 12/21/2004 from Edwin D. Geer provided concurrence by Region 16 with the Region 7 Plan. This letter follows on the next page.

KANSAS

DEPARTMENT OF TRANSPORTATION
DEB MILLER, SECRETARY

KATHLEEN SEBELIUS, GOVERNOR

DEAN M. TESTA, P.E., CHIEF

December 21, 2004

Mr. Emery L. Reynolds
Region 7, 700 MHz Planning Committee
Radio Systems Manager
Arapahoe County Sheriff's Office
13101 E. Bronco's Parkway
Centennial, CO 80112-4558

Dear Mr. Reynolds,

Region 16 (Kansas) is in receipt of your proposed Inter-Regional Coordination Procedures that were developed for the allocation of the 700 MHz channels in Region 7, Colorado. Upon review of these procedures, Region 16 (Kansas) is returning the signed procedures as an attachment with this letter. Region 16 (Kansas) looks forward to working closely with Region 7 in the future as the public safety 700 MHz regional plans are implemented.

This letter serves as the official, written concurrence of Region 16 (Kansas) to the proposed Inter-Regional Coordination Agreements for the Region 7, Colorado 700 MHz Regional Plan.

Sincerely,

Edwin D. Geer

Mr. Edwin D. Geer
Chairperson, Region 16 (Kansas)

Attach:

BUREAU OF CONSTRUCTION AND MAINTENANCE
700 S.W. HARRISON STREET, TOPEKA, KS 66603-3754
PUBLIC ACCESS AT NORTH ENTRANCE OF BUILDING
VOICE 785-296-3576 TTY 785-296-3585 FAX 785-296-6944 http://www.ksdot.org

Tab 3 (Region 26 – Nebraska) to Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 26 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 26 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 26 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Mike Jefferies
Regional Chairperson Nebraska – Region 26

Note 1: Letter dated 6/16/2006 from Michael Jeffries provided concurrence by Region 26 with the Region 7 Plan. This letter follows on the next page.

Colorado 764-776-/794-806

FCC Region 7 700 MHz Regional Planning Committee

Date: 6/16/06

Regional Chairperson, Region 7 700 MHz Committee
Emery L. Reynolds, Chairperson
5002 South Newton Street
Littleton, Colorado 80123-1710

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 26 is in receipt of your proposed 700 MHz Regional Plan for Colorado, submitted to this committee on November 14, 2005. Region 26 Met on 5/25/06 via email, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 26 to your proposed 700 MHz Regional Plan.

Sincerely,

Mr. Michael Jeffries
Regional Chairperson – Nebraska, Region 26
Radio Communication Manager
State of Nebraska
521 South 14th Street
Lincoln, NE 68508-2707

Tab 4 (Region 29 – New Mexico) to Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 29 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 29 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 26 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Regional Chairperson New Mexico – Region 29

Note 1: Letter dated 1/04/2006 from Julian A. Zamora provided concurrence by Region 29 with the Region 7 Plan. This letter follows on the next page.

Tab 4 (Region 29 – New Mexico) to Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

FCC Region 29, 700 MHz Planning Committee

January 4, 2006

Regional Chairperson, Region 7 700 MHz Committee
Emery L. Reynolds, Chairperson
5002 south Newton Street
Littleton, Colorado 80123-1710

Subject: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Mr. Reynolds,

Region 29 received the proposed 700 MHz Regional Plan for Region 7 (Colorado) and has completed its review in accordance with the Region 29 bylaws. No issues were identified during the review process.

This correspondence shall serve as the official, written concurrence of Region 29 to your proposed 700 MHz Regional Plan.

Regards,

Julian A. Zamora
Regional Chairperson, Region 29 (New Mexico)
Communications Manager
City of Albuquerque
1801 Fourth Street N.W. Building C
Albuquerque, NM 87102

Tab 5 (Region 34 – Oklahoma) to Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 34 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 34 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 34 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Regional Chairperson Oklahoma – Region 34

Note 1: Letter dated 1/03/07 from Stephen Williamson provided concurrence by Region 34 with the Region 7 Plan. This letter follows on the next page.

Colorado 764-776-/794-806

FCC Region 7 700 MHz Regional Planning Committee

Date: 1/3/07

Regional Chairperson, Region 7 700 MHz Committee
Emery L. Reynolds, Chairperson
5002 South Newton Street
Littleton, Colorado 80123-1710

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 34 is in receipt of your proposed 700 MHz Regional Plan for Colorado, submitted to this committee on November 14, 2005. Region 34 Met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 34 to your proposed 700 MHz Regional Plan.

Sincerely,

Stephen Williamson
Regional Chairperson – Oklahoma, Region 34
President, CEO, of EMSA
1417 N. Lansing Avenue
Tulsa, OK 74106

DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 41 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 41 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 41 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Steve Proctor
Regional Chairperson Utah – Region 41
Utah Communications Agency Network
5360 S. Ridge Village Drive
Salt Lake City, Utah 84118

Note 1: Letter dated 07/11/2006 from Steve Proctor provided concurrence by Region 41 with the Region 7 Plan. This letter follows on the next page.

Colorado 764-776-/794-806

FCC Region 7 700 MHz Regional Planning Committee

Date: July 11, 2006

Regional Chairperson, Region 7 700 MHz Committee
Emery L. Reynolds, Chairperson
5002 South Newton Street
Littleton, Colorado 80123-1710

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 41 is in receipt of your proposed 700 MHz Regional Plan for Colorado, submitted to this committee on November 14, 2005. Region 41 Met on MAY 18, 2006, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 41 to your proposed 700 MHz Regional Plan.

Sincerely,

Douglas K. Chandler REGION 41 SECRETARY FOR:

Mr. Steve Proctor
Regional Chairperson – Utah, Region 41
Utah Communications Agency Network
5360 S. Ridge Village Drive
Salt Lake City, Utah 84118

Tab 7 (Region 46 – Wyoming) to Appendix H (Adjacent Regions Approvals of Region 7 Plan) Region 7 - 700 MHz Regional Plan

DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 46 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 46 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 46 to your proposed 700 MHz Regional Plan.

Sincerely,

Kent Drummond
Regional Chairperson Wyoming – Region 46

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DATE:

Regional Chairperson, Region 7 - Colorado
Emery L. Reynolds, Radio Systems Manager
Region 7 – 700 MHz Planning Committee
13101 East Bronco's Parkway
Centennial, Colorado 80112-4558

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 52 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee on July 31, 2005. Region 52 met on _____, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 52 to your proposed 700 MHz Regional Plan.

Sincerely,

(see note 1)

Robert L. Sanders
Region 52 700 Planning Committee Chair
Communications Supervisor
City of Amarillo
Communications Dept.
P.O. Box 1971
Amarillo, TX 79105-1971

Note 1: Letter dated 2/26/06 from Robert L. Sanders provided concurrence by Region 52 with the Region 7 Plan. This letter follows on the next page.

Colorado 764-776-/794-806

FCC Region 7 700 MHz Regional Planning Committee

Date: 2-26-06

Regional Chairperson, Region 7 700 MHz Committee
Emery L. Reynolds, Chairperson
5002 South Newton Street
Littleton, Colorado 80123-1710

RE: Concurrence with Region 7 – Colorado, 700 MHz Regional Plan

Dear Mr. Reynolds

Region 52 is in receipt of your proposed 700 MHz Regional Plan for Colorado, submitted to this committee on November 14, 2005. Region 52 Met on 2-26-06, reviewed and formally approved Region 7's Plan.

This letter serves as the official, written concurrence of Region 52 to your proposed 700 MHz Regional Plan.

Sincerely, Robert L Sanders

Mr. Bob Sanders
Regional Convener – North Texas, Region 52
Department of Communications
City of Amarillo
P.O. Box 1971
Amarillo, TX 79105

700 MHz Interoperability Channels, Labels, and Usage

	12.5 kHz CHANNEL PAIR	CHANNEL LABEL (proposed)	RADIO SERVICE	TALK-AROUND	CHANNEL LABEL (proposed)	USE/MISC NOTES
01	Pair 23-24/983-984	**7TAC58**	General Public Safety Service (secondary trunked)	Channel 23-24	**7TAC58D**	
02	**Pair 39-40/999-1000**	**7CAL59**	**Calling Channel**	**Channel 39-40**	**7CAL59D**	**mandatory**
03	Pair 63-64/1023-1024	**7EMS60**	EMS	Channel 63-64	**7EMS60D**	
04	Pair 79-80/1039-1040	**7EMS61**	EMS	Channel 79-80	**7EMS61D**	
05	Pair 103-104/1063-1064	**7TAC62**	General Public Safety Service (secondary trunked)	Channel 103-104	**7TAC62D**	
06	Pair 119-120/1079-1080	**7TAC63**	General Public Safety Service	Channel 119-120	**7TAC63D**	**mandatory**
07	Pair 143-144/1103-1104	**7FIR64**	Fire	Channel 143-144	**7FIR64D**	
08	Pair 159-160/1119-1120	**7FIR65**	Fire	Channel 159-160	**7FIR65D**	
09	Pair 183-184/1143-1144	**7TAC66**	General Public Safety Service (secondary trunked)	Channel 183-184	**7TAC66D**	
10	Pair 199-200/1159-1160	**7TAC67**	General Public Safety Service	Channel 199-200	**7TAC67D**	
11	Pair 223-224/1183-1184	**7LAW68**	Police	Channel 223-224	**7LAW68D**	
12	Pair 239-240/1199-1200	**7LAW69**	Police	Channel 239-240	**7LAW69D**	
13	Pair 263-264/1223-1224	**7TAC70**	General Public Safety Service (secondary trunked)	Channel 263-264	**7TAC70D**	
14	Pair 279-280/1239-1240	**7DAT71**	Mobile Data	Channel 279-280	**7DAT71D**	
15	Pair 303-304/1263-1264	**7MOB72**	Mobile Repeater	Channel 303-304	**7MOB72D**	**mandatory**
16	Pair 319-320/1279-1280	**7TAC73**	Other Public Service	Channel 319-320	**7TAC73D**	**mandatory**

Channels labeled as mandatory include both the mobile transmit and mobile receive (a total of 16 channels) for subscriber units only

700 MHz Interoperability Channels, Labels, and Usage (continued)

	12.5 kHz CHANNEL PAIR	CHANNEL LABEL	RADIO SERVICE	TALK-AROUND	CHANNEL LABEL	USE/MISC NOTES
17	Pair 641-642/1601-1602	**7EMS76**	EMS	Channel 641-642	**7EMS76D**	
18	Pair 657-658/1617-1618	**7TAC74**	General Public Safety Service (secondary trunked)	Channel 657-658	**7TAC74D**	
19	**Pair 681-682/1641-1642**	**7CAL75**	**Calling Channel**	**Channel 681-682**	**7CAL75D**	**mandatory**
20	Pair 697-698/1657-1658	**7EMS77**	EMS	Channel 697-698	**7EMS77D**	
21	Pair 721-722/1681-1682	**7FIR80**	Fire	Channel 721-722	**7FIR80D**	
22	Pair 737-738/1697-1698	**7TAC78**	General Public Safety Service (secondary trunked)	Channel 737-738	**7TAC78D**	
23	Pair 761-762/1721-1722	**7TAC79**	General Public Safety Service	Channel 761-762	**7TAC79D**	**mandatory**
24	Pair 777-778/1737-1738	**7FIR81**	Fire	Channel 777-778	**7FIR81D**	
25	Pair 801-802/1761-1762	**7LAW84**	Police	Channel 801-802	**7LAW84D**	
26	Pair 817-818/1777-1778	**7TAC82**	General Public Safety Service (secondary trunked)	Channel 817-818	**7TAC82D**	
27	Pair 841-842/1801-1802	**7TAC83**	General Public Safety Service	Channel 841-842	**7TAC83D**	
28	Pair 857-858/1817-1818	**7LAW85**	Police	Channel 857-858	**7LAW85D**	
29	Pair 881-882/1841-1842	**7MOB88**	Mobile Repeater	Channel 881-882	**7MOB88D**	**mandatory**
30	Pair 897-898/1857-1858	**7TAC86**	General Public Safety Service (secondary trunked)	Channel 897-898	**7TAC86D**	
31	Pair 921-922/1881-1882	**7DAT87**	Mobile Data	Channel 921-922	**7DAT87D**	
32	Pair 937-938/1897-1898	**7TAC89**	Other Public Service	Channel 937-938	**7TAC89D**	**mandatory**

Channels labeled as mandatory include both the mobile transmit and mobile receive (a total of 16 channels) for subscriber units only

700 MHz Interoperability Channels – Frequency List

	FREQUENCY (MHz) OR CHANNEL SET Channel Pair	CHANNEL LABEL (proposed)	USE/MISC NOTES	FREQUENCY (lower edge) (base)	(mobile)	FREQUENCY (center) (base)	(mobile)
01	Pair 23-24/983-984	**7TAC58**		764.13750	794.13750	764.14375	794.14375
02	**Pair 39-40/999-1000**	**7CAL59**	**mandatory**	764.23750	794.23750	764.24375	794.24375
03	Pair 63-64/1023-1024	**7EMS60**		764.38750	794.38750	764.39375	794.39375
04	Pair 79-80/1039-1040	**7EMS61**		764.48750	794.48750	764.49375	794.49375
05	Pair 103-104/1063-1064	**7TAC62**		764.63750	794.63750	764.64375	794.64375
06	Pair 119-120/1079-1080	**7TAC63**	nationwide	764.73750	794.73750	764.74375	794.74375
07	Pair 143-144/1103-1104	**7FIR64**		764.88750	794.88750	764.89375	794.89375
08	Pair 159-160/1119-1120	**7FIR65**		764.98750	794.98750	764.99375	794.99375
09	Pair 183-184/1143-1144	**7TAC66**		765.13750	795.13750	765.14375	795.14375
10	Pair 199-200/1159-1160	**7TAC67**	(alt)	765.23750	795.23750	765.24375	795.24375
11	Pair 223-224/1183-1184	**7LAW68**		765.38750	795.38750	765.39375	795.39375
12	Pair 239-240/1199-1200	**7LAW69**		765.48750	795.48750	765.49375	795.49375
13	Pair 263-264/1223-1224	**7TAC70**		765.63750	795.63750	765.64375	795.64375
14	Pair 279-280/1239-1240	**7DAT71**		765.73750	795.73750	765.74375	795.74375
15	Pair 303-304/1263-1264	**7MOB72**	nationwide	765.88750	795.88750	765.89375	795.89375
16	Pair 319-320/1279-1280	**7TAC73**	nationwide	765.98750	795.98750	765.99375	795.99375

700 MHz Interoperability Channels – Frequency List (continued)

	FREQUENCY (MHz) OR CHANNEL SET Channel Pair	CHANNEL LABEL (proposed)	USE/MISC NOTES	FREQUENCY (lower edge) (base)	(mobile)	FREQUENCY (center) (base)	(mobile)
17	Pair 641-642/1601-1602	**7EMS76**		774.00000	804.00000	774.00625	804.00625
18	Pair 657-658/1617-1618	**7TAC74**		774.10000	804.10000	774.10625	804.10625
19	**Pair 681-682/1641-1642**	**7CAL75**	**mandatory**	774.25000	804.25000	774.25625	804.25625
20	Pair 697-698/1657-1658	**7EMS77**		774.35000	804.35000	774.35625	804.35625
21	Pair 721-722/1681-1682	**7FIR80**		774.50000	804.50000	774.50625	804.50625
22	Pair 737-738/1697-1698	**7TAC78**		774.60000	804.60000	774.60625	804.60625
23	Pair 761-762/1721-1722	**7TAC79**	nationwide	774.75000	804.75000	774.75625	804.75625
24	Pair 777-778/1737-1738	**7FIR81**		774.85000	804.85000	774.85625	804.85625
25	Pair 801-802/1761-1762	**7LAW84**		775.00000	805.00000	775.00625	805.00625
26	Pair 817-818/1777-1778	**7TAC82**		775.10000	805.10000	775.10625	805.10625
27	Pair 841-842/1801-1802	**7TAC83**	(alt)	775.25000	805.25000	775.25625	805.25625
28	Pair 857-858/1817-1818	**7LAW85**		775.35000	805.35000	775.35625	805.35625
29	Pair 881-882/1841-1842	**7MOB88**	nationwide	775.50000	805.50000	775.50625	805.50625
30	Pair 897-898/1857-1858	**7TAC86**		775.60000	805.60000	775.60625	805.60625
31	Pair 921-922/1881-1882	**7DAT87**		775.75000	805.75000	775.75625	805.75625
32	Pair 937-938/1897-1898	**7TAC89**	nationwide	775.85000	805.85000	775.85625	805.85625

700 MHz Interoperability Channels – Talk-around (Simplex/Direct) Frequency List

	TALK-AROUND	CHANNEL LABEL (proposed)	FREQUENCY (lower edge) (base)	(mobile)	FREQUENCY (center) (base)	(mobile)
01	Channel 23-24	**7TAC58D**	764.13750	794.13750	764.14375	794.14375
02	**Channel 39-40**	**7CAL59D**	764.23750	794.23750	764.24375	794.24375
03	Channel 63-64	**7EMS60D**	764.38750	794.38750	764.39375	794.39375
04	Channel 79-80	**7EMS61D**	764.48750	794.48750	764.49375	794.49375
05	Channel 103-104	**7TAC62D**	764.63750	794.63750	764.64375	794.64375
06	Channel 119-120	**7TAC63D**	764.73750	794.73750	764.74375	794.74375
07	Channel 143-144	**7FIR64D**	764.88750	794.88750	764.89375	794.89375
08	Channel 159-160	**7FIR65D**	764.98750	794.98750	764.99375	794.99375
09	Channel 183-184	**7TAC66D**	765.13750	795.13750	765.14375	795.14375
10	Channel 199-200	**7TAC67D**	765.23750	795.23750	765.24375	795.24375
11	Channel 223-224	**7LAW68D**	765.38750	795.38750	765.39375	795.39375
12	Channel 239-240	**7LAW69D**	765.48750	795.48750	765.49375	795.49375
13	Channel 263-264	**7TAC70D**	765.63750	795.63750	765.64375	795.64375
14	Channel 279-280	**7DAT71D**	765.73750	795.73750	765.74375	795.74375
15	Channel 303-304	**7MOB72D**	765.88750	795.88750	765.89375	795.89375
16	Channel 319-320	**7TAC73D**	765.98750	795.98750	765.99375	795.99375

700 MHz Interoperability Channels – Talk-around (Simplex/Direct) Frequency List (continued)

	TALK-AROUND	CHANNEL LABEL (proposed)	FREQUENCY (lower edge) (base)	(mobile)	FREQUENCY (center) (base)	(mobile)
17	Channel 641-642	**7EMS76D**	774.00000	804.00000	774.00625	804.00625
18	Channel 657-658	**7TAC74D**	774.10000	804.10000	774.10625	804.10625
19	**Channel 681-682**	**7CAL75D**	774.25000	804.25000	774.25625	804.25625
20	Channel 697-698	**7EMS77D**	774.35000	804.35000	774.35625	804.35625
21	Channel 721-722	**7FIR80D**	774.50000	804.50000	774.50625	804.50625
22	Channel 737-738	**7TAC78D**	774.60000	804.60000	774.60625	804.60625
23	Channel 761-762	**7TAC79D**	774.75000	804.75000	774.75625	804.75625
24	Channel 777-778	**7FIR81D**	774.85000	804.85000	774.85625	804.85625
25	Channel 801-802	**7LAW84D**	775.00000	805.00000	775.00625	805.00625
26	Channel 817-818	**7TAC82D**	775.10000	805.10000	775.10625	805.10625
27	Channel 841-842	**7TAC83D**	775.25000	805.25000	775.25625	805.25625
28	Channel 857-858	**7LAW85D**	775.35000	805.35000	775.35625	805.35625
29	Channel 881-882	**7MOB88D**	775.50000	805.50000	775.50625	805.50625
30	Channel 897-898	**7TAC86D**	775.60000	805.60000	775.60625	805.60625
31	Channel 921-922	**7DAT87D**	775.75000	805.75000	775.75625	805.75625
32	Channel 937-938	**7TAC89D**	775.85000	805.85000	775.85625	805.85625

700 MHz Narrowband Channel Layout Plan – TV Channel 63-68 (764-767/794-797 MHz)

TV CH 63/68

0 kHz | 125 kHz | 250 kHz | 3.0 MHz

| | | |

700 MHz Narrowband Channel Layout Plan – TV Channel 64-69 (773-776/803-806 MHz)

TV CH 64/69

0 kHz — 125 kHz — 250 kHz

| | | |

700 MHz Wideband Channel Layout Plan – 767-773/797-803 MHz

	CHANNELS	CHANNEL LABEL (proposed)	USAGE PARAMETERS	FREQUENCY (lower edge) (base)	(mobile)	FREQUENCY (center) (base)	(mobile)
01	Pair 28/148	**7WDAT1A**	**50 KHz**	768.350	798.350	768.375	798.375
02	Pair 29/149	**7WDAT1B**	**50 KHz**	768.400	798.400	768.425	798.425
03	Pair 30/150	**7WDAT1C**	**50 KHz**	768.450	798.450	768.475	798.475
	Pair 28-29/148-149	**7WDAT1E**	**aggregated 100 KHz (lower)**	768.350	798.350	768.400	798.400
	Pair 29-30/149-150	**7WDAT1F**	**aggregated 100 KHz (upper)**	768.400	798.400	768.450	798.450
	Pair 28-30/148-150	**7WDAT1G**	**aggregated 150 KHz**	768.350	798.350	768.425	798.425
04	Pair 37/157	**7WDAT2A**	**50 KHz**	768.800	798.800	768.825	798.825
05	Pair 38/158	**7WDAT2B**	**50 KHz**	768.850	798.850	768.875	798.875
06	Pair 39/159	**7WDAT2C**	**50 KHz**	768.900	798.900	768.925	798.925
	Pair 37-38/157-158	**7WDAT2E**	**aggregated 100 KHz (lower)**	768.800	798.800	768.850	798.850
	Pair 38-39/158-159	**7WDAT2F**	**aggregated 100 KHz (upper)**	768.850	798.850	768.900	798.900
	Pair 37-39/157-159	**7WDAT2G**	**aggregated 150 KHz**	768.800	798.800	768.875	798.875
07	**Pair 46/166**	**7WDAT3A**	**50 KHz - no aggregation = nationwide common**	**769.300**	**799.300**	769.325	799.325
08	Pair 47/167	**7WDAT3B**	**50 KHz - no aggregation**	769.350	799.350	769.375	799.375
09	**Pair 48/168**	**7WDAT3C**	**50 KHz - no aggregation = nationwide common**	**769.400**	**799.400**	769.425	799.425
10	**Pair 73/193**	**7WDAT4A**	**50 KHz - no aggregation = nationwide common**	**770.600**	**800.600**	770.625	800.625
11	Pair 74/194	**7WDAT4B**	**50 KHz - no aggregation**	770.650	800.650	770.675	800.675
12	**Pair 75/195**	**7WDAT4C**	**50 KHz - no aggregation = nationwide common**	**770.700**	**800.700**	770.725	800.725
13	Pair 82/202	**7WDAT5A**	**50 KHz**	771.050	801.050	771.075	801.075
14	Pair 83/203	**7WDAT5B**	**50 KHz**	771.100	801.100	771.125	801.125
15	Pair 84/204	**7WDAT5C**	**50 KHz**	771.150	801.150	771.175	801.175
	Pair 82-83/202-203	**7WDAT5E**	**aggregated 100 KHz (lower)**	771.050	801.050	771.100	801.100
	Pair 83-84/203-204	**7WDAT5F**	**aggregated 100 KHz (upper)**	771.100	801.100	771.150	801.150
	Pair 82-84/202-204	**7WDAT5G**	**aggregated 150 KHz**	771.050	801.050	771.125	801.125
16	Pair 91/211	**7WDAT6A**	**50 KHz**	771.500	801.500	771.525	801.525
17	Pair 92/212	**7WDAT6B**	**50 KHz**	771.550	801.550	771.575	801.575
18	Pair 93/213	**7WDAT6C**	**50 KHz**	771.600	801.600	771.625	801.625
	Pair 91-92/211-212	**7WDAT6E**	**aggregated 100 KHz (lower)**	771.500	801.500	771.550	801.550
	Pair 92-93/212-213	**7WDAT6F**	**aggregated 100 KHz (upper)**	771.550	801.550	771.600	801.600
	Pair 91-93/202-204	**7WDAT6G**	**aggregated 150 KHz**	771.500	801.500	771.575	801.575

Note: Channels 46 & 48 and 73 & 75 are reserved
as 50 KHz Nationwide Common Channels

700 MHz Wideband Channel Layout Plan – 767-773/797-803 MHz

767 / 797 MHz (NB Channels) | 150 kHz | 300 kHz | 450 kHz

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	Upper half of TV Channels 63/68		
			770 / 800 MHz					
Lower half of TV Channels 64/69			61	62	63	64	65	66
67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93
94	95	96	97	98	99	100	101	102
103	104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119	120

773 / 803 MHz (NB Channels)

Channel Type

- WB Reserved
- 50 kHz — WB Interoperability
- 50, 100, or 150 kHz — WB General Use

Wideband Channel Bandwidths

- 1 2 3 — 150 kHz
- 1 2 — 100 kHz
- 2 3 — 100 kHz
- 1 — 50 kHz
- 2 — 50 kHz
- 3 — 50 kHz

- 50 kHz — Nationwide Common

Note: Channels 46 & 48 and 73 & 75 are reserved as 50 KHz Nationwide Common Channels

Interoperability Channel Technical Parameters

ANSI/TIA/EIA-102 (Project 25) Common Air Interface

Certain common Project 25 parameters need to be defined to ensure digital radios operating on the 700 MHz Interoperability Channels can communicate. This is analogous to defining the common CTCSS tone used on NPSPAC analog Interoperability Channels.

Network Access Code

In the Project 25v Common Air Interface definition, the Network Access Code is analogous to the use of CTCSS and CDCSS signals in analog radio systems. It is a code transmitted in the preamble of the Project 25 signal and repeated periodically throughout the transmission. Its purpose is to provide selective access to and maintain access to a receiver. It is also used to block nuisance and other co-channel signals. There are up to 4096 of these NAC codes. For ease of migration in other frequency bands, a NAC code table was developed which shows the mapping of CTCSS and CDCDD signals to corresponding NAC codes. Document TIA/EIA TSB102.BAAC contains NAC code table and other Project 25 Common Air Interface Reserve values.
Since NPSPAC Interoperability Channels use CTCSS tone 156.7 Hz (5A), use of corresponding NAC code $61F is recommended for the 700MHz Interoperability Channel NAC code.

Talkgroup ID

In the Project 25 Common Air Interface definition, the Talkgroup ID on conventional channels is analogous to the use of talkgroups in trunking. In order to ensure that all users can communicate, all units will use the default Talkgroup ID of $0001.

Manufacturer’s ID

The Project 25 Common Air Interface allows the ability to define manufacturer specific functions. In order to ensure that all users can communicate, all units should not use a specific Manufacturer’s ID, but will use the default Manufacturer’s ID of $00

Message ID

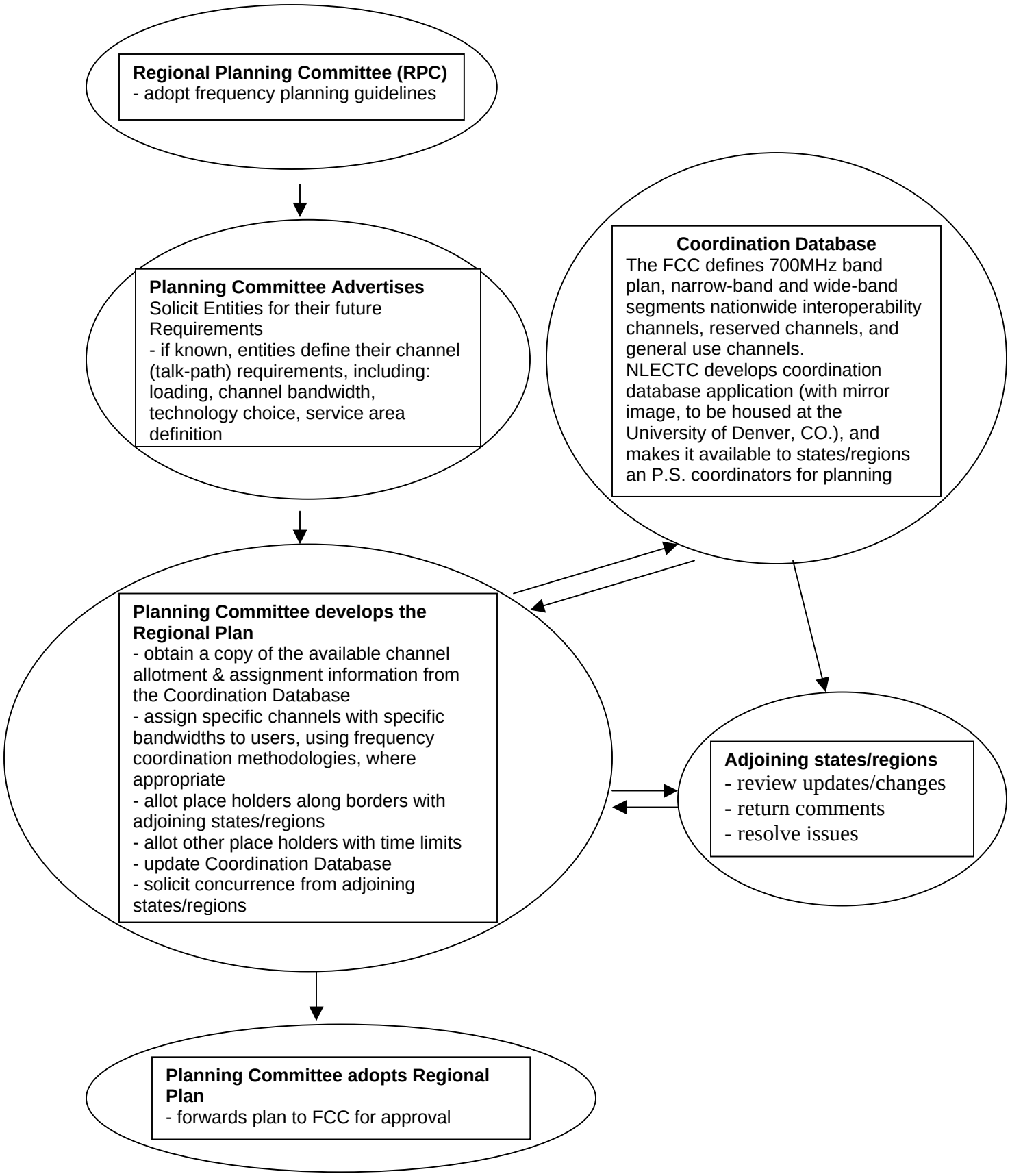
The project 25 Common Air Interface allows the ability to define specific message functions. In order to ensure that all users can communicate, all units will use the default Message ID for unencrypted messages of $00000000000000000000.

Encryption Algorithm ID and Key ID

The Project 25 Common Air Interface allows the ability to define specific encryption algorithms and encryption keys. In order to ensure that all users can communicate, encryption is prohibited on the Interoperability Calling Channels; all units will use the default Algorithm ID for unencrypted messages of $80 and the default Key ID for unencrypted messages of $0000. These same defaults will be used for the other Interoperability channels when encryption is not used.

The FCC permits the use of encryption on all Interoperability channels except the two Calling Channels. In order to ensure all units can communicate, agencies desiring to communicate with encryption must coordinate with the Region 7 Planning Committee to define and disseminate appropriate Message ID, Encryption Algorithm ID, and Encryption Key ID to be used in the encrypted mode on Interoperability channels.

Appendix J (Pre-Planning Flow Chart) Region 7 - 700 MHz Regional Plan



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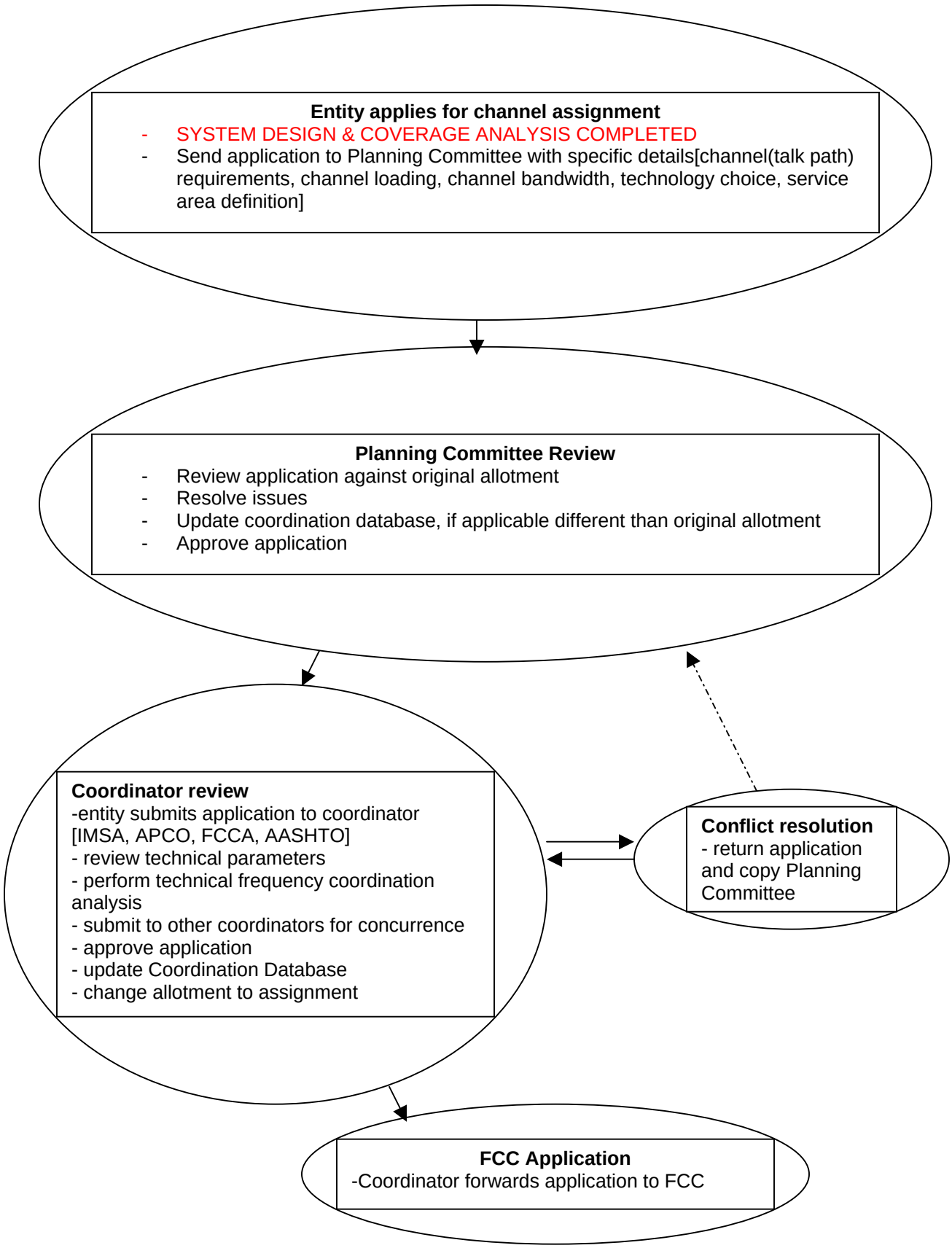
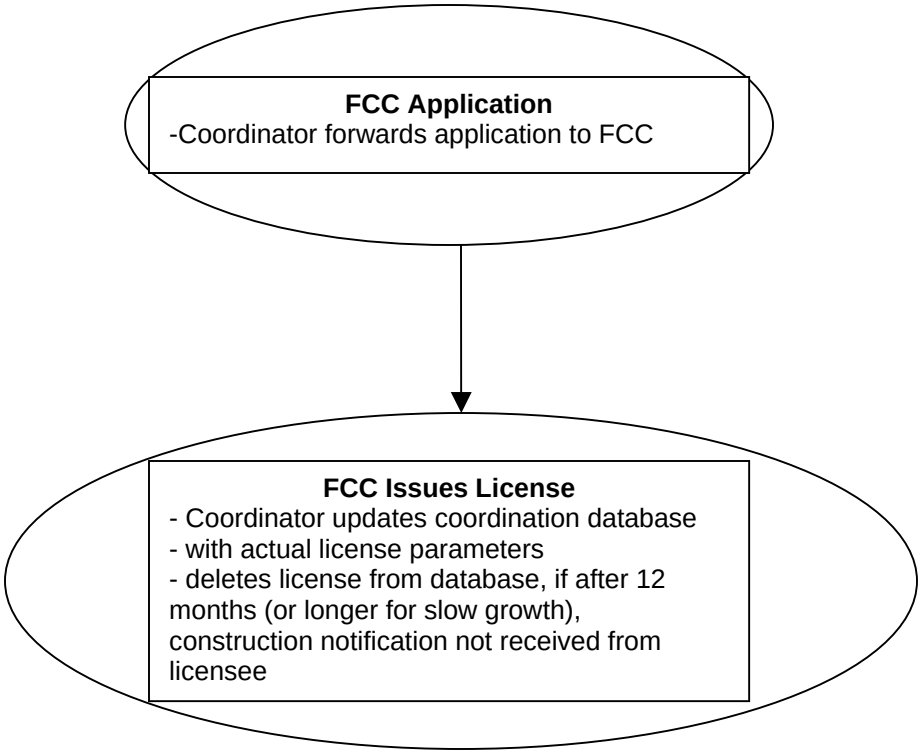
Appendix K (Coordination Flow Chart) Region 7 - 700 MHz Regional Plan




FCC Application
-Coordinator forwards application to FCC
FCC Issues License
- Coordinator updates coordination database
- with actual license parameters
- deletes license from database, if after 12 months (or longer for slow growth), construction notification not received from licensee

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

Part A - Narrowband General Use Channel Set

The Region 7 700 MHz Regional Planning Committee (RPC) acknowledges the frequency pool pre-allotment work and the disciplines and background that led to the creation of the CAPRAD pre-allotment placeholders for certain frequencies within certain county-like areas. This work is contained within the document entitled *Generation of the National 700-MHz Public Safety Pool Allotments (Narrowband General Use Channel Set) Documentation of Methodology and Results* dated January 31, 2003. It provides a valuable starting place for use by the RPC in administering the 700 MHz spectrum pool, but it does not represent a limitation in future judgments that may be made by the RPC regarding specific recommendations to Frequency Coordinators, and through those defined processes, to the FCC.

The pre-allotment of the 700 MHz General Use Channel Set as recorded in the CAPRAD database, has the following attributes and limitations:

- The work is multidimensional and its foundations are fairly well documented.
- The work does not by itself provide means to facilitate efficient spectrum usage
- The work as-is must be allowed to be modified
- The work does not correlate directly with population differences, nor was it intended to do so
- The work is too coarse in scope to use solely in making decisions among individual agencies in a county-like area
- The work does not address frequency reuse options in a smaller, e.g., metropolitan, area. Certain network architectures and coverage area limits could foster frequency reuse.
- The Denver Metropolitan Area is the most challenging to coordinate in Region 7, given a higher density of need to be served by the limited spectrum resources
- The channels pre-allotted cannot represent limits or entitlements to any entity or county-like area
- There are 154 each 4 x 6.25 kHz channel groups available, which are reused statewide / nationwide. The work pre-allotted 114 of these in an 11-county Denver metropolitan region, leaving potentially 40 as a future metropolitan region reserve, before employing frequency reuse architectures
- Cooperation and Planning among all users within the Denver metropolitan region must be made mandatory, and the existence of an authentic metropolitan regional plan should constitute a pre-condition for application to use 700 MHz spectrum within the Denver metropolitan region
- For initial applications, until more comprehensive processes are developed within the RPC, frequencies will be assigned only from the pre-allotted pool

The Region 7 Planning Committee believes and hereby asserts that any pre-allotment models that might be employed at the inception of the Region 7 Plan are specifically not capable of predicting future service demands, nor intra-regional population and growth trends, nor future network topologies and architectures that may be made possible through anticipated technological developments, nor the nature of future needs and

requests. More importantly, no model not coordinated among local jurisdictions and authorities can include opportunities going forward to increase potential Region 7 spectrum efficiency that might be realized through inter-agency and / or inter-governmental cooperation in design, implementation, and ongoing network operation. Therefore, assignment of certain frequencies and / or quantities of channels as limitations or entitlements to municipalities, agencies, counties, or other entities that might otherwise share the capacity inherent in these channels and frequencies, would not be beneficial.

The Region 7 Planning Committee notes that the most likely area statewide to anticipate interference is also the area that could benefit most from network sharing, and thereby encourage spectrum efficiency. This area is the Denver metropolitan region. An arbitrary grouping of eleven contiguous counties is considered here to constitute such a Denver metropolitan region. Within these eleven counties, CAPRAD contains 114 each 4 x 6.25 kHz channel groups. These 40 not-yet-allotted four-channel groups represent a potential 26% available margin within the total 154 channel limit in the 700 MHz band plan. The Region 7 RPC would like to designate these 40 four-channel groups as the Denver Metropolitan Regional Reserve. This reserve, as with all frequencies within the 700 MHz band plan, would be administered by the RPC according to this Region 7 700 MHz Plan.

The eleven counties included in this analysis of the Denver metropolitan region's CAPRAD pre-allotments, and the number of four-channel groups that have been assigned to date in each county, are as follows:

Adams	**14**
Arapahoe	**16**
Boulder	**12**
Broomfield	**5**
Clear Creek	**5**
Denver	**13**
Douglas	**8**
Elbert	**7**
Gilpin	**5**
Jefferson	**17**
Weld	**12**
Total Channels Pre-allotted	**114**

Total 25 kHz Channels Available	**154**
Total Channels Pre-allotted	**114**
Metro Reserve Channels Available w/o Reuse	**40**

The demographics of portions of these eleven counties vary widely from high-density urban to very sparse rural populations. The CAPRAD pre-allotment considered such

population and population density factors in general ways, probably using the county-like political division area and population sizes since they were convenient for computation. But there was no direct way provided or possible to estimate the likely number of entities or agencies that might apply for 700 MHz spectrum within these county-like boundaries, nor a suggestion of how to process such individual applications equitably. The Region 7 RPC also believes that many of the entities within the counties in the table may not sense a need for the pre-allotted channels even well into the future, while others even now forecast a greater need than indicated. Such disparities in real and perceived need, or lack of it, arise primarily due to economic factors, or the existence or lack of current service options, imbalances in population density, and signal coverage difficulties. Fostering policies that either allow unwarranted and fixed allotment of unused future spectrum resources, or which ignore real near-term need, would be wrong. Therefore, the Region 7 RPC wants to foster a process going forward that provides the ability to “relocate” certain frequencies pre-allotted in the CAPRAD plan for use in other counties than initially designated.

In addition to more long-term relief anticipated through spectrum policy development, all opportunities for frequency reuse, particularly within the Denver metropolitan region, will be sought to further augment the limit of 154 groups of 4 x 6.25 kHz channels. Frequency reuse strategies may be engendered by suitable network architectures and adequate separation distances and / or terrain features, and should afford more opportunities than can be provided through reliance on the 40 Metro Reserve Channels to alleviate anticipated spectrum shortages.

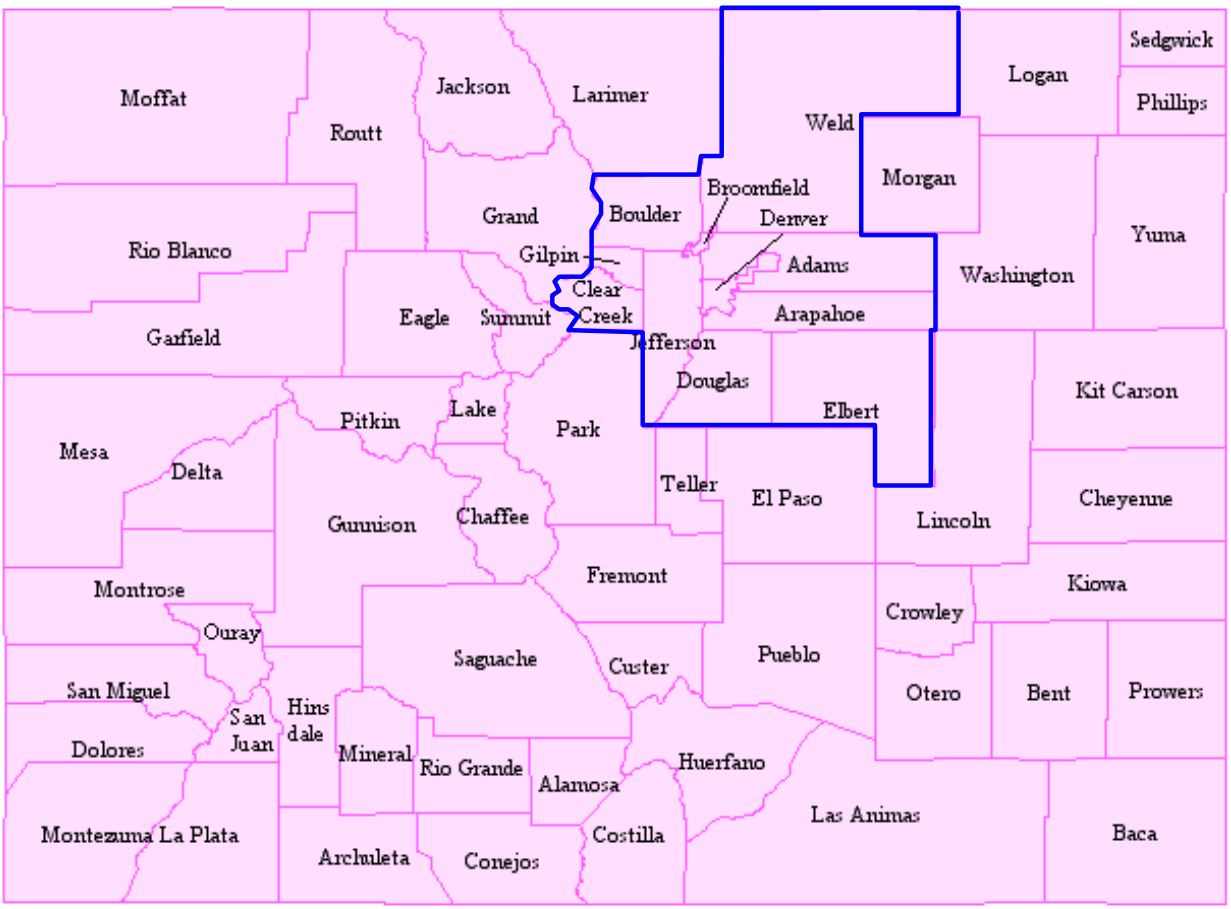
The Region 7 RPC is confident that the balance of the areas in the State, i.e., outside the Denver metropolitan region, will have adequate 700 MHz traffic handling capacity indefinitely into the future, as afforded by frequency reuse among relatively less dense and lower absolute population numbers, the distances between population clusters, and the natural Colorado terrain. We would anticipate not having to materially modify the pre-allotments initially recorded in the CAPRAD database for county-like areas outside this Denver metropolitan region. Succinctly stated, if the Region 7 RPC can solve the potential problems of offered traffic and latent interference in the Denver metropolitan region, then accommodating other areas of the State will be comparatively simple, and likely be well addressed by existing pre-allotments as recorded initially in the CAPRAD database.

The primary objective of the Region 7 RPC work going forward will be to facilitate and optimize the use of the 700 MHz spectrum. Therefore, the CAPRAD pre-allotments will only be used in processing initial applications, and for a short time. To repeat: these initial pre-allotments in the CAPRAD plan will create neither limit nor entitlement to any given entity or entities within a county, or to the named county itself, regarding the number of or location within the spectrum of the certain pre-allotted frequencies. The RPC further reserves the right to develop, within the limits afforded by the RPC structure and by-laws, requirements for interagency and intergovernmental cooperation and planning as a pre-condition for accepting an application for 700 MHz spectrum.

The Region 7 RPC will undertake development of such policies as priority items of business.

700 MHz Region 7 Planning -- Initial Metro Region Reserve

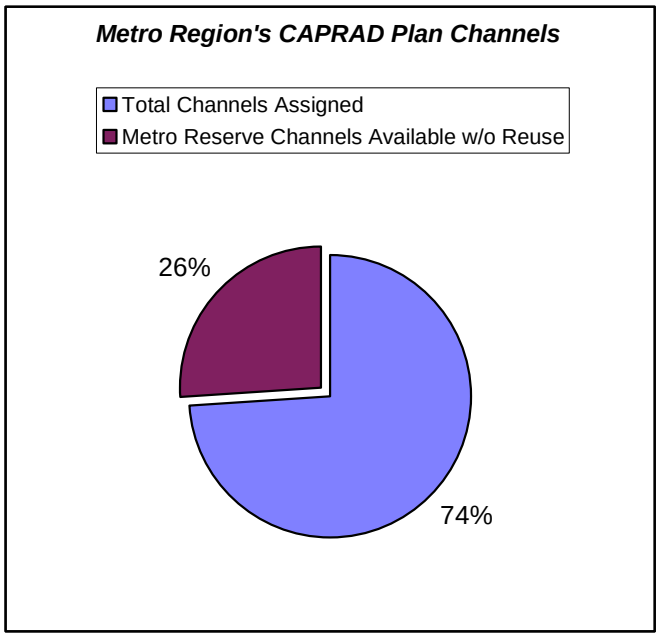
Counties included as Metro Region counties are outlined on this map in blue.



25 kHz Channels Pre-Allotted to Metro Region Counties

Count of FCC Channel Number	
County	Total
Adams	14
Arapahoe	16
Boulder	12
Broomfield	5
Clear Creek	5
Denver	13
Douglas	8
Elbert	7
Gilpin	5
Jefferson	17
Weld	12
Total Channels Assigned	114

Total 25 kHz Channels Available	154
Total Channels Assigned	114
Metro Reserve Channels Available w/o Reuse	40



Metro Region Reserve Channels Still Available

FCC Channel Number	Base Frequency	Mobile Frequency
17-20	764.1125	794.1125
53-56	764.3375	794.3375
85-88	764.5375	794.5375
121-124	764.7625	794.7625
125-128	764.7875	794.7875
245-248	765.5375	795.5375
253-256	765.5875	795.5875
285-288	765.7875	795.7875
325-328	766.0375	796.0375
333-336	766.0875	796.0875
353-356	766.2125	796.2125
365-368	766.2875	796.2875
373-376	766.3375	796.3375
385-388	766.4125	796.4125
393-396	766.4625	796.4625
433-436	766.7125	796.7125
441-444	766.7625	796.7625
449-452	766.8125	796.8125
473-476	766.9625	796.9625
517-520	773.2375	803.2375
533-536	773.3375	803.3375
537-540	773.3625	803.3625
545-548	773.4125	803.4125
573-576	773.5875	803.5875
593-596	773.7125	803.7125
613-616	773.8375	803.8375
633-636	773.9625	803.9625
669-672	774.1875	804.1875
677-680	774.2375	804.2375
709-712	774.4375	804.4375
717-720	774.4875	804.4875
745-748	774.6625	804.6625
749-752	774.6875	804.6875
757-760	774.7375	804.7375
789-792	774.9375	804.9375
797-800	774.9875	804.9875
829-832	775.1875	805.1875
865-868	775.4125	805.4125
873-876	775.4625	805.4625
917-920	775.7375	805.7375

Region 7 Initial Metro Region Reserve -- Channel Map

700 MHz BAND PLAN per *Third MO&O and Third R&O* in WT Dkt. 96-86 (TV Ch. 63/64)

480 NARROWBAND BASE CHANNELS - SEGMENT 1 (6.25 kHz each, aggregate to 25 kHz)

764 MHz

| | | |

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Adams	General Use	Voice 25KHz	137-140	764.8625	794.8625
Adams	General Use	Voice 25KHz	217-220	765.3625	795.3625
Adams	General Use	Voice 25KHz	257-260	765.6125	795.6125
Adams	General Use	Voice 25KHz	337-340	766.1125	796.1125
Adams	General Use	Voice 25KHz	397-400	766.4875	796.4875
Adams	General Use	Voice 25KHz	437-440	766.7375	796.7375
Adams	General Use	Voice 25KHz	505-508	773.1625	803.1625
Adams	General Use	Voice 25KHz	557-560	773.4875	803.4875
Adams	General Use	Voice 25KHz	597-600	773.7375	803.7375
Adams	General Use	Voice 25KHz	637-640	773.9875	803.9875
Adams	General Use	Voice 25KHz	701-704	774.3875	804.3875
Adams	General Use	Voice 25KHz	741-744	774.6375	804.6375
Adams	General Use	Voice 25KHz	821-824	775.1375	805.1375
Adams	General Use	Voice 25KHz	861-864	775.3875	805.3875
Alamosa	General Use	Voice 25KHz	45-48	764.2875	794.2875
Alamosa	General Use	Voice 25KHz	93-96	764.5875	794.5875
Alamosa	General Use	Voice 25KHz	133-136	764.8375	794.8375
Alamosa	General Use	Voice 25KHz	241-244	765.5125	795.5125
Alamosa	General Use	Voice 25KHz	297-300	765.8625	795.8625
Alamosa	General Use	Voice 25KHz	341-344	766.1375	796.1375
Alamosa	General Use	Voice 25KHz	405-408	766.5375	796.5375
Alamosa	General Use	Voice 25KHz	501-504	773.1375	803.1375
Alamosa	General Use	Voice 25KHz	557-560	773.4875	803.4875
Alamosa	General Use	Voice 25KHz	597-600	773.7375	803.7375
Alamosa	General Use	Voice 25KHz	833-836	775.2125	805.2125
Alamosa	General Use	Voice 25KHz	873-876	775.4625	805.4625
Alamosa	General Use	Voice 25KHz	913-916	775.7125	805.7125
Arapahoe	General Use	Voice 25KHz	41-44	764.2625	794.2625
Arapahoe	General Use	Voice 25KHz	93-96	764.5875	794.5875
Arapahoe	General Use	Voice 25KHz	165-168	765.0375	795.0375
Arapahoe	General Use	Voice 25KHz	205-208	765.2875	795.2875
Arapahoe	General Use	Voice 25KHz	289-292	765.8125	795.8125
Arapahoe	General Use	Voice 25KHz	357-360	766.2375	796.2375
Arapahoe	General Use	Voice 25KHz	409-412	766.5625	796.5625
Arapahoe	General Use	Voice 25KHz	457-460	766.8625	796.8625

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Arapahoe	General Use	Voice 25KHz	485-488	773.0375	803.0375
Arapahoe	General Use	Voice 25KHz	529-532	773.3125	803.3125
Arapahoe	General Use	Voice 25KHz	569-572	773.5625	803.5625
Arapahoe	General Use	Voice 25KHz	609-612	773.8125	803.8125
Arapahoe	General Use	Voice 25KHz	661-664	774.1375	804.1375
Arapahoe	General Use	Voice 25KHz	785-788	774.9125	804.9125
Arapahoe	General Use	Voice 25KHz	837-840	775.2375	805.2375
Arapahoe	General Use	Voice 25KHz	877-880	775.4875	805.4875
Archuleta	General Use	Voice 25KHz	41-44	764.2625	794.2625
Archuleta	General Use	Voice 25KHz	249-252	765.5625	795.5625
Archuleta	General Use	Voice 25KHz	345-348	766.1625	796.1625
Archuleta	General Use	Voice 25KHz	401-404	766.5125	796.5125
Archuleta	General Use	Voice 25KHz	449-452	766.8125	796.8125
Archuleta	General Use	Voice 25KHz	537-540	773.3625	803.3625
Archuleta	General Use	Voice 25KHz	581-584	773.6375	803.6375
Archuleta	General Use	Voice 25KHz	621-624	773.8875	803.8875
Archuleta	General Use	Voice 25KHz	701-704	774.3875	804.3875
Archuleta	General Use	Voice 25KHz	837-840	775.2375	805.2375
Archuleta	General Use	Voice 25KHz	909-912	775.6875	805.6875
Baca	General Use	Voice 25KHz	121-124	764.7625	794.7625
Baca	General Use	Voice 25KHz	245-248	765.5375	795.5375
Baca	General Use	Voice 25KHz	289-292	765.8125	795.8125
Baca	General Use	Voice 25KHz	329-332	766.0625	796.0625
Baca	General Use	Voice 25KHz	389-392	766.4375	796.4375
Baca	General Use	Voice 25KHz	433-436	766.7125	796.7125
Baca	General Use	Voice 25KHz	473-476	766.9625	796.9625
Baca	General Use	Voice 25KHz	513-516	773.2125	803.2125
Baca	General Use	Voice 25KHz	581-584	773.6375	803.6375
Baca	General Use	Voice 25KHz	797-800	774.9875	804.9875
Bent	General Use	Voice 25KHz	53-56	764.3375	794.3375
Bent	General Use	Voice 25KHz	129-132	764.8125	794.8125
Bent	General Use	Voice 25KHz	177-180	765.1125	795.1125
Bent	General Use	Voice 25KHz	217-220	765.3625	795.3625
Bent	General Use	Voice 25KHz	521-524	773.2625	803.2625
Bent	General Use	Voice 25KHz	573-576	773.5875	803.5875
Bent	General Use	Voice 25KHz	617-620	773.8625	803.8625

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Bent	General Use	Voice 25KHz	661-664	774.1375	804.1375
Bent	General Use	Voice 25KHz	701-704	774.3875	804.3875
Bent	General Use	Voice 25KHz	741-744	774.6375	804.6375
Bent	General Use	Voice 25KHz	781-784	774.8875	804.8875
Bent	General Use	Voice 25KHz	829-832	775.1875	805.1875
Bent	General Use	Voice 25KHz	869-872	775.4375	805.4375
Boulder	General Use	Voice 25KHz	45-48	764.2875	794.2875
Boulder	General Use	Voice 25KHz	89-92	764.5625	794.5625
Boulder	General Use	Voice 25KHz	209-212	765.3125	795.3125
Boulder	General Use	Voice 25KHz	293-296	765.8375	795.8375
Boulder	General Use	Voice 25KHz	345-348	766.1625	796.1625
Boulder	General Use	Voice 25KHz	413-416	766.5875	796.5875
Boulder	General Use	Voice 25KHz	489-492	773.0625	803.0625
Boulder	General Use	Voice 25KHz	585-588	773.6625	803.6625
Boulder	General Use	Voice 25KHz	625-628	773.9125	803.9125
Boulder	General Use	Voice 25KHz	833-836	775.2125	805.2125
Boulder	General Use	Voice 25KHz	901-904	775.6375	805.6375
Boulder	General Use	Voice 25KHz	941-944	775.8875	805.8875
Broomfield	General Use	Voice 25KHz	169-172	765.0625	795.0625
Broomfield	General Use	Voice 25KHz	465-468	766.9125	796.9125
Broomfield	General Use	Voice 25KHz	525-528	773.2875	803.2875
Broomfield	General Use	Voice 25KHz	565-568	773.5375	803.5375
Broomfield	General Use	Voice 25KHz	605-608	773.7875	803.7875
Chaffee	General Use	Voice 25KHz	169-172	765.0625	795.0625
Chaffee	General Use	Voice 25KHz	209-212	765.3125	795.3125
Chaffee	General Use	Voice 25KHz	413-416	766.5875	796.5875
Chaffee	General Use	Voice 25KHz	473-476	766.9625	796.9625
Chaffee	General Use	Voice 25KHz	525-528	773.2875	803.2875
Chaffee	General Use	Voice 25KHz	585-588	773.6625	803.6625
Chaffee	General Use	Voice 25KHz	825-828	775.1625	805.1625
Chaffee	General Use	Voice 25KHz	901-904	775.6375	805.6375
Chaffee	General Use	Voice 25KHz	941-944	775.8875	805.8875
Cheyenne	General Use	Voice 25KHz	321-324	766.0125	796.0125
Cheyenne	General Use	Voice 25KHz	473-476	766.9625	796.9625
Cheyenne	General Use	Voice 25KHz	513-516	773.2125	803.2125
Cheyenne	General Use	Voice 25KHz	569-572	773.5625	803.5625

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Cheyenne	General Use	Voice 25KHz	713-716	774.4625	804.4625
Cheyenne	General Use	Voice 25KHz	833-836	775.2125	805.2125
Cheyenne	General Use	Voice 25KHz	901-904	775.6375	805.6375
Clear Creek	General Use	Voice 25KHz	173-176	765.0875	795.0875
Clear Creek	General Use	Voice 25KHz	369-372	766.3125	796.3125
Clear Creek	General Use	Voice 25KHz	421-424	766.6375	796.6375
Clear Creek	General Use	Voice 25KHz	461-464	766.8875	796.8875
Clear Creek	General Use	Voice 25KHz	521-524	773.2625	803.2625
Conejos	General Use	Voice 25KHz	325-328	766.0375	796.0375
Conejos	General Use	Voice 25KHz	413-416	766.5875	796.5875
Conejos	General Use	Voice 25KHz	457-460	766.8625	796.8625
Conejos	General Use	Voice 25KHz	489-492	773.0625	803.0625
Conejos	General Use	Voice 25KHz	573-576	773.5875	803.5875
Conejos	General Use	Voice 25KHz	613-616	773.8375	803.8375
Conejos	General Use	Voice 25KHz	673-676	774.2125	804.2125
Conejos	General Use	Voice 25KHz	741-744	774.6375	804.6375
Conejos	General Use	Voice 25KHz	793-796	774.9625	804.9625
Costilla	General Use	Voice 25KHz	209-212	765.3125	795.3125
Costilla	General Use	Voice 25KHz	353-356	766.2125	796.2125
Costilla	General Use	Voice 25KHz	393-396	766.4625	796.4625
Costilla	General Use	Voice 25KHz	533-536	773.3375	803.3375
Costilla	General Use	Voice 25KHz	585-588	773.6625	803.6625
Costilla	General Use	Voice 25KHz	825-828	775.1625	805.1625
Crowley	General Use	Voice 25KHz	357-360	766.2375	796.2375
Crowley	General Use	Voice 25KHz	457-460	766.8625	796.8625
Crowley	General Use	Voice 25KHz	493-496	773.0875	803.0875
Crowley	General Use	Voice 25KHz	541-544	773.3875	803.3875
Crowley	General Use	Voice 25KHz	585-588	773.6625	803.6625
Crowley	General Use	Voice 25KHz	673-676	774.2125	804.2125
Custer	General Use	Voice 25KHz	165-168	765.0375	795.0375
Custer	General Use	Voice 25KHz	205-208	765.2875	795.2875
Custer	General Use	Voice 25KHz	397-400	766.4875	796.4875
Custer	General Use	Voice 25KHz	485-488	773.0375	803.0375
Custer	General Use	Voice 25KHz	529-532	773.3125	803.3125
Delta	General Use	Voice 25KHz	169-172	765.0625	795.0625

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Delta	General Use	Voice 25KHz	285-288	765.7875	795.7875
Delta	General Use	Voice 25KHz	353-356	766.2125	796.2125
Delta	General Use	Voice 25KHz	405-408	766.5375	796.5375
Delta	General Use	Voice 25KHz	445-448	766.7875	796.7875
Delta	General Use	Voice 25KHz	509-512	773.1875	803.1875
Delta	General Use	Voice 25KHz	553-556	773.4625	803.4625
Delta	General Use	Voice 25KHz	613-616	773.8375	803.8375
Delta	General Use	Voice 25KHz	717-720	774.4875	804.4875
Delta	General Use	Voice 25KHz	757-760	774.7375	804.7375
Delta	General Use	Voice 25KHz	833-836	775.2125	805.2125
Denver	General Use	Voice 25KHz	49-52	764.3125	794.3125
Denver	General Use	Voice 25KHz	177-180	765.1125	795.1125
Denver	General Use	Voice 25KHz	241-244	765.5125	795.5125
Denver	General Use	Voice 25KHz	281-284	765.7625	795.7625
Denver	General Use	Voice 25KHz	349-352	766.1875	796.1875
Denver	General Use	Voice 25KHz	389-392	766.4375	796.4375
Denver	General Use	Voice 25KHz	445-448	766.7875	796.7875
Denver	General Use	Voice 25KHz	493-496	773.0875	803.0875
Denver	General Use	Voice 25KHz	549-552	773.4375	803.4375
Denver	General Use	Voice 25KHz	589-592	773.6875	803.6875
Denver	General Use	Voice 25KHz	629-632	773.9375	803.9375
Denver	General Use	Voice 25KHz	905-908	775.6625	805.6625
Denver	General Use	Voice 25KHz	945-948	775.9125	805.9125
Dolores	General Use	Voice 25KHz	245-248	765.5375	795.5375
Dolores	General Use	Voice 25KHz	365-368	766.2875	796.2875
Dolores	General Use	Voice 25KHz	413-416	766.5875	796.5875
Dolores	General Use	Voice 25KHz	521-524	773.2625	803.2625
Dolores	General Use	Voice 25KHz	565-568	773.5375	803.5375
Dolores	General Use	Voice 25KHz	633-636	773.9625	803.9625
Dolores	General Use	Voice 25KHz	673-676	774.2125	804.2125
Dolores	General Use	Voice 25KHz	793-796	774.9625	804.9625
Douglas	General Use	Voice 25KHz	213-216	765.3375	795.3375
Douglas	General Use	Voice 25KHz	297-300	765.8625	795.8625
Douglas	General Use	Voice 25KHz	341-344	766.1375	796.1375
Douglas	General Use	Voice 25KHz	417-420	766.6125	796.6125
Douglas	General Use	Voice 25KHz	469-472	766.9375	796.9375
Douglas	General Use	Voice 25KHz	501-504	773.1375	803.1375
Douglas	General Use	Voice 25KHz	561-564	773.5125	803.5125

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Douglas	General Use	Voice 25KHz	601-604	773.7625	803.7625
Eagle	General Use	Voice 25KHz	213-216	765.3375	795.3375
Eagle	General Use	Voice 25KHz	289-292	765.8125	795.8125
Eagle	General Use	Voice 25KHz	349-352	766.1875	796.1875
Eagle	General Use	Voice 25KHz	409-412	766.5625	796.5625
Eagle	General Use	Voice 25KHz	465-468	766.9125	796.9125
Eagle	General Use	Voice 25KHz	485-488	773.0375	803.0375
Eagle	General Use	Voice 25KHz	529-532	773.3125	803.3125
Eagle	General Use	Voice 25KHz	581-584	773.6375	803.6375
Eagle	General Use	Voice 25KHz	621-624	773.8875	803.8875
Eagle	General Use	Voice 25KHz	661-664	774.1375	804.1375
Eagle	General Use	Voice 25KHz	701-704	774.3875	804.3875
Eagle	General Use	Voice 25KHz	785-788	774.9125	804.9125
Eagle	General Use	Voice 25KHz	861-864	775.3875	805.3875
El Paso	General Use	Voice 25KHz	17-20	764.1125	794.1125
El Paso	General Use	Voice 25KHz	57-60	764.3625	794.3625
El Paso	General Use	Voice 25KHz	121-124	764.7625	794.7625
El Paso	General Use	Voice 25KHz	161-164	765.0125	795.0125
El Paso	General Use	Voice 25KHz	201-204	765.2625	795.2625
El Paso	General Use	Voice 25KHz	245-248	765.5375	795.5375
El Paso	General Use	Voice 25KHz	285-288	765.7875	795.7875
El Paso	General Use	Voice 25KHz	325-328	766.0375	796.0375
El Paso	General Use	Voice 25KHz	365-368	766.2875	796.2875
El Paso	General Use	Voice 25KHz	405-408	766.5375	796.5375
El Paso	General Use	Voice 25KHz	449-452	766.8125	796.8125
El Paso	General Use	Voice 25KHz	481-484	773.0125	803.0125
El Paso	General Use	Voice 25KHz	533-536	773.3375	803.3375
El Paso	General Use	Voice 25KHz	573-576	773.5875	803.5875
El Paso	General Use	Voice 25KHz	633-636	773.9625	803.9625
El Paso	General Use	Voice 25KHz	709-712	774.4375	804.4375
El Paso	General Use	Voice 25KHz	749-752	774.6875	804.6875
El Paso	General Use	Voice 25KHz	789-792	774.9375	804.9375
El Paso	General Use	Voice 25KHz	829-832	775.1875	805.1875
El Paso	General Use	Voice 25KHz	873-876	775.4625	805.4625
El Paso	General Use	Voice 25KHz	917-920	775.7375	805.7375

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Elbert	General Use	Voice 25KHz	133-136	764.8375	794.8375
Elbert	General Use	Voice 25KHz	381-384	766.3875	796.3875
Elbert	General Use	Voice 25KHz	425-428	766.6625	796.6625
Elbert	General Use	Voice 25KHz	509-512	773.1875	803.1875
Elbert	General Use	Voice 25KHz	581-584	773.6375	803.6375
Elbert	General Use	Voice 25KHz	621-624	773.8875	803.8875
Elbert	General Use	Voice 25KHz	909-912	775.6875	805.6875
Fremont	General Use	Voice 25KHz	41-44	764.2625	794.2625
Fremont	General Use	Voice 25KHz	97-100	764.6125	794.6125
Fremont	General Use	Voice 25KHz	137-140	764.8625	794.8625
Fremont	General Use	Voice 25KHz	345-348	766.1625	796.1625
Fremont	General Use	Voice 25KHz	433-436	766.7125	796.7125
Fremont	General Use	Voice 25KHz	505-508	773.1625	803.1625
Fremont	General Use	Voice 25KHz	553-556	773.4625	803.4625
Fremont	General Use	Voice 25KHz	625-628	773.9125	803.9125
Fremont	General Use	Voice 25KHz	677-680	774.2375	804.2375
Fremont	General Use	Voice 25KHz	757-760	774.7375	804.7375
Fremont	General Use	Voice 25KHz	797-800	774.9875	804.9875
Fremont	General Use	Voice 25KHz	837-840	775.2375	805.2375
Garfield	General Use	Voice 25KHz	57-60	764.3625	794.3625
Garfield	General Use	Voice 25KHz	97-100	764.6125	794.6125
Garfield	General Use	Voice 25KHz	165-168	765.0375	795.0375
Garfield	General Use	Voice 25KHz	205-208	765.2875	795.2875
Garfield	General Use	Voice 25KHz	281-284	765.7625	795.7625
Garfield	General Use	Voice 25KHz	357-360	766.2375	796.2375
Garfield	General Use	Voice 25KHz	397-400	766.4875	796.4875
Garfield	General Use	Voice 25KHz	449-452	766.8125	796.8125
Garfield	General Use	Voice 25KHz	513-516	773.2125	803.2125
Garfield	General Use	Voice 25KHz	561-564	773.5125	803.5125
Garfield	General Use	Voice 25KHz	609-612	773.8125	803.8125
Garfield	General Use	Voice 25KHz	713-716	774.4625	804.4625
Garfield	General Use	Voice 25KHz	753-756	774.7125	804.7125
Garfield	General Use	Voice 25KHz	829-832	775.1875	805.1875
Garfield	General Use	Voice 25KHz	877-880	775.4875	805.4875
Garfield	General Use	Voice 25KHz	917-920	775.7375	805.7375

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Gilpin	General Use	Voice 25KHz	401-404	766.5125	796.5125
Gilpin	General Use	Voice 25KHz	497-500	773.1125	803.1125
Gilpin	General Use	Voice 25KHz	553-556	773.4625	803.4625
Gilpin	General Use	Voice 25KHz	705-708	774.4125	804.4125
Gilpin	General Use	Voice 25KHz	825-828	775.1625	805.1625
Grand	General Use	Voice 25KHz	393-396	766.4625	796.4625
Grand	General Use	Voice 25KHz	441-444	766.7625	796.7625
Grand	General Use	Voice 25KHz	545-548	773.4125	803.4125
Grand	General Use	Voice 25KHz	593-596	773.7125	803.7125
Grand	General Use	Voice 25KHz	633-636	773.9625	803.9625
Grand	General Use	Voice 25KHz	677-680	774.2375	804.2375
Grand	General Use	Voice 25KHz	749-752	774.6875	804.6875
Grand	General Use	Voice 25KHz	873-876	775.4625	805.4625
Gunnison	General Use	Voice 25KHz	45-48	764.2875	794.2875
Gunnison	General Use	Voice 25KHz	133-136	764.8375	794.8375
Gunnison	General Use	Voice 25KHz	241-244	765.5125	795.5125
Gunnison	General Use	Voice 25KHz	389-392	766.4375	796.4375
Gunnison	General Use	Voice 25KHz	457-460	766.8625	796.8625
Gunnison	General Use	Voice 25KHz	489-492	773.0625	803.0625
Gunnison	General Use	Voice 25KHz	601-604	773.7625	803.7625
Gunnison	General Use	Voice 25KHz	705-708	774.4125	804.4125
Hinsdale	General Use	Voice 25KHz	329-332	766.0625	796.0625
Hinsdale	General Use	Voice 25KHz	377-380	766.3625	796.3625
Hinsdale	General Use	Voice 25KHz	441-444	766.7625	796.7625
Hinsdale	General Use	Voice 25KHz	513-516	773.2125	803.2125
Hinsdale	General Use	Voice 25KHz	557-560	773.4875	803.4875
Huerfano	General Use	Voice 25KHz	385-388	766.4125	796.4125
Huerfano	General Use	Voice 25KHz	437-440	766.7375	796.7375
Huerfano	General Use	Voice 25KHz	513-516	773.2125	803.2125
Huerfano	General Use	Voice 25KHz	577-580	773.6125	803.6125
Huerfano	General Use	Voice 25KHz	629-632	773.9375	803.9375
Huerfano	General Use	Voice 25KHz	669-672	774.1875	804.1875
Huerfano	General Use	Voice 25KHz	713-716	774.4625	804.4625
Huerfano	General Use	Voice 25KHz	753-756	774.7125	804.7125
Jackson	General Use	Voice 25KHz	217-220	765.3625	795.3625
Jackson	General Use	Voice 25KHz	365-368	766.2875	796.2875
Jackson	General Use	Voice 25KHz	505-508	773.1625	803.1625
Jackson	General Use	Voice 25KHz	565-568	773.5375	803.5375

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Jackson	General Use	Voice 25KHz	821-824	775.1375	805.1375
Jefferson	General Use	Voice 25KHz	13-16	764.0875	794.0875
Jefferson	General Use	Voice 25KHz	81-84	764.5125	794.5125
Jefferson	General Use	Voice 25KHz	129-132	764.8125	794.8125
Jefferson	General Use	Voice 25KHz	249-252	765.5625	795.5625
Jefferson	General Use	Voice 25KHz	329-332	766.0625	796.0625
Jefferson	General Use	Voice 25KHz	377-380	766.3625	796.3625
Jefferson	General Use	Voice 25KHz	429-432	766.6875	796.6875
Jefferson	General Use	Voice 25KHz	477-480	766.9875	796.9875
Jefferson	General Use	Voice 25KHz	513-516	773.2125	803.2125
Jefferson	General Use	Voice 25KHz	577-580	773.6125	803.6125
Jefferson	General Use	Voice 25KHz	617-620	773.8625	803.8625
Jefferson	General Use	Voice 25KHz	673-676	774.2125	804.2125
Jefferson	General Use	Voice 25KHz	713-716	774.4625	804.4625
Jefferson	General Use	Voice 25KHz	753-756	774.7125	804.7125
Jefferson	General Use	Voice 25KHz	793-796	774.9625	804.9625
Jefferson	General Use	Voice 25KHz	869-872	775.4375	805.4375
Jefferson	General Use	Voice 25KHz	913-916	775.7125	805.7125
Kiowa	General Use	Voice 25KHz	41-44	764.2625	794.2625
Kiowa	General Use	Voice 25KHz	281-284	765.7625	795.7625
Kiowa	General Use	Voice 25KHz	437-440	766.7375	796.7375
Kiowa	General Use	Voice 25KHz	529-532	773.3125	803.3125
Kiowa	General Use	Voice 25KHz	793-796	774.9625	804.9625
Kiowa	General Use	Voice 25KHz	877-880	775.4875	805.4875
Kit Carson	General Use	Voice 25KHz	45-48	764.2875	794.2875
Kit Carson	General Use	Voice 25KHz	89-92	764.5625	794.5625
Kit Carson	General Use	Voice 25KHz	129-132	764.8125	794.8125
Kit Carson	General Use	Voice 25KHz	169-172	765.0625	795.0625
Kit Carson	General Use	Voice 25KHz	209-212	765.3125	795.3125
Kit Carson	General Use	Voice 25KHz	249-252	765.5625	795.5625
Kit Carson	General Use	Voice 25KHz	297-300	765.8625	795.8625
Kit Carson	General Use	Voice 25KHz	361-364	766.2625	796.2625
Kit Carson	General Use	Voice 25KHz	433-436	766.7125	796.7125
Kit Carson	General Use	Voice 25KHz	493-496	773.0875	803.0875
Kit Carson	General Use	Voice 25KHz	541-544	773.3875	803.3875
Kit Carson	General Use	Voice 25KHz	613-616	773.8375	803.8375
Kit Carson	General Use	Voice 25KHz	705-708	774.4125	804.4125

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Kit Carson	General Use	Voice 25KHz	781-784	774.8875	804.8875
Kit Carson	General Use	Voice 25KHz	825-828	775.1625	805.1625
Kit Carson	General Use	Voice 25KHz	869-872	775.4375	805.4375
Kit Carson	General Use	Voice 25KHz	945-948	775.9125	805.9125
La Plata	General Use	Voice 25KHz	49-52	764.3125	794.3125
La Plata	General Use	Voice 25KHz	89-92	764.5625	794.5625
La Plata	General Use	Voice 25KHz	137-140	764.8625	794.8625
La Plata	General Use	Voice 25KHz	205-208	765.2875	795.2875
La Plata	General Use	Voice 25KHz	281-284	765.7625	795.7625
La Plata	General Use	Voice 25KHz	321-324	766.0125	796.0125
La Plata	General Use	Voice 25KHz	385-388	766.4125	796.4125
La Plata	General Use	Voice 25KHz	433-436	766.7125	796.7125
La Plata	General Use	Voice 25KHz	481-484	773.0125	803.0125
La Plata	General Use	Voice 25KHz	549-552	773.4375	803.4375
La Plata	General Use	Voice 25KHz	593-596	773.7125	803.7125
La Plata	General Use	Voice 25KHz	665-668	774.1625	804.1625
La Plata	General Use	Voice 25KHz	713-716	774.4625	804.4625
La Plata	General Use	Voice 25KHz	753-756	774.7125	804.7125
La Plata	General Use	Voice 25KHz	821-824	775.1375	805.1375
La Plata	General Use	Voice 25KHz	877-880	775.4875	805.4875
Lake	General Use	Voice 25KHz	93-96	764.5875	794.5875
Lake	General Use	Voice 25KHz	333-336	766.0875	796.0875
Lake	General Use	Voice 25KHz	373-376	766.3375	796.3375
Lake	General Use	Voice 25KHz	445-448	766.7875	796.7875
Lake	General Use	Voice 25KHz	509-512	773.1875	803.1875
Lake	General Use	Voice 25KHz	549-552	773.4375	803.4375
Lake	General Use	Voice 25KHz	613-616	773.8375	803.8375
Lake	General Use	Voice 25KHz	909-912	775.6875	805.6875
Larimer	General Use	Voice 25KHz	17-20	764.1125	794.1125
Larimer	General Use	Voice 25KHz	121-124	764.7625	794.7625
Larimer	General Use	Voice 25KHz	245-248	765.5375	795.5375
Larimer	General Use	Voice 25KHz	285-288	765.7875	795.7875
Larimer	General Use	Voice 25KHz	333-336	766.0875	796.0875
Larimer	General Use	Voice 25KHz	373-376	766.3375	796.3375
Larimer	General Use	Voice 25KHz	425-428	766.6625	796.6625
Larimer	General Use	Voice 25KHz	473-476	766.9625	796.9625
Larimer	General Use	Voice 25KHz	517-520	773.2375	803.2375

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Larimer	General Use	Voice 25KHz	573-576	773.5875	803.5875
Larimer	General Use	Voice 25KHz	613-616	773.8375	803.8375
Larimer	General Use	Voice 25KHz	709-712	774.4375	804.4375
Larimer	General Use	Voice 25KHz	757-760	774.7375	804.7375
Larimer	General Use	Voice 25KHz	797-800	774.9875	804.9875
Larimer	General Use	Voice 25KHz	865-868	775.4125	805.4125
Larimer	General Use	Voice 25KHz	909-912	775.6875	805.6875
Las Animas	General Use	Voice 25KHz	41-44	764.2625	794.2625
Las Animas	General Use	Voice 25KHz	81-84	764.5125	794.5125
Las Animas	General Use	Voice 25KHz	161-164	765.0125	795.0125
Las Animas	General Use	Voice 25KHz	201-204	765.2625	795.2625
Las Animas	General Use	Voice 25KHz	281-284	765.7625	795.7625
Las Animas	General Use	Voice 25KHz	321-324	766.0125	796.0125
Las Animas	General Use	Voice 25KHz	361-364	766.2625	796.2625
Las Animas	General Use	Voice 25KHz	401-404	766.5125	796.5125
Las Animas	General Use	Voice 25KHz	445-448	766.7875	796.7875
Las Animas	General Use	Voice 25KHz	497-500	773.1125	803.1125
Las Animas	General Use	Voice 25KHz	545-548	773.4125	803.4125
Las Animas	General Use	Voice 25KHz	605-608	773.7875	803.7875
Las Animas	General Use	Voice 25KHz	677-680	774.2375	804.2375
Las Animas	General Use	Voice 25KHz	789-792	774.9375	804.9375
Las Animas	General Use	Voice 25KHz	837-840	775.2375	805.2375
Las Animas	General Use	Voice 25KHz	877-880	775.4875	805.4875
Lincoln	General Use	Voice 25KHz	81-84	764.5125	794.5125
Lincoln	General Use	Voice 25KHz	349-352	766.1875	796.1875
Lincoln	General Use	Voice 25KHz	389-392	766.4375	796.4375
Lincoln	General Use	Voice 25KHz	465-468	766.9125	796.9125
Lincoln	General Use	Voice 25KHz	501-504	773.1375	803.1375
Lincoln	General Use	Voice 25KHz	549-552	773.4375	803.4375
Lincoln	General Use	Voice 25KHz	601-604	773.7625	803.7625
Logan	General Use	Voice 25KHz	45-48	764.2875	794.2875
Logan	General Use	Voice 25KHz	133-136	764.8375	794.8375
Logan	General Use	Voice 25KHz	209-212	765.3125	795.3125
Logan	General Use	Voice 25KHz	249-252	765.5625	795.5625
Logan	General Use	Voice 25KHz	293-296	765.8375	795.8375
Logan	General Use	Voice 25KHz	345-348	766.1625	796.1625

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Logan	General Use	Voice 25KHz	421-424	766.6375	796.6375
Logan	General Use	Voice 25KHz	461-464	766.8875	796.8875
Logan	General Use	Voice 25KHz	493-496	773.0875	803.0875
Logan	General Use	Voice 25KHz	561-564	773.5125	803.5125
Logan	General Use	Voice 25KHz	601-604	773.7625	803.7625
Logan	General Use	Voice 25KHz	705-708	774.4125	804.4125
Logan	General Use	Voice 25KHz	745-748	774.6625	804.6625
Logan	General Use	Voice 25KHz	825-828	775.1625	805.1625
Logan	General Use	Voice 25KHz	901-904	775.6375	805.6375
Logan	General Use	Voice 25KHz	941-944	775.8875	805.8875
Mesa	General Use	Voice 25KHz	17-20	764.1125	794.1125
Mesa	General Use	Voice 25KHz	85-88	764.5375	794.5375
Mesa	General Use	Voice 25KHz	125-128	764.7875	794.7875
Mesa	General Use	Voice 25KHz	177-180	765.1125	795.1125
Mesa	General Use	Voice 25KHz	217-220	765.3625	795.3625
Mesa	General Use	Voice 25KHz	257-260	765.6125	795.6125
Mesa	General Use	Voice 25KHz	297-300	765.8625	795.8625
Mesa	General Use	Voice 25KHz	337-340	766.1125	796.1125
Mesa	General Use	Voice 25KHz	381-384	766.3875	796.3875
Mesa	General Use	Voice 25KHz	421-424	766.6375	796.6375
Mesa	General Use	Voice 25KHz	469-472	766.9375	796.9375
Mesa	General Use	Voice 25KHz	481-484	773.0125	803.0125
Mesa	General Use	Voice 25KHz	541-544	773.3875	803.3875
Mesa	General Use	Voice 25KHz	593-596	773.7125	803.7125
Mesa	General Use	Voice 25KHz	637-640	773.9875	803.9875
Mesa	General Use	Voice 25KHz	677-680	774.2375	804.2375
Mesa	General Use	Voice 25KHz	741-744	774.6375	804.6375
Mesa	General Use	Voice 25KHz	781-784	774.8875	804.8875
Mesa	General Use	Voice 25KHz	821-824	775.1375	805.1375
Mesa	General Use	Voice 25KHz	865-868	775.4125	805.4125
Mesa	General Use	Voice 25KHz	905-908	775.6625	805.6625
Mesa	General Use	Voice 25KHz	945-948	775.9125	805.9125
Mineral	General Use	Voice 25KHz	357-360	766.2375	796.2375
Mineral	General Use	Voice 25KHz	521-524	773.2625	803.2625
Mineral	General Use	Voice 25KHz	565-568	773.5375	803.5375
Mineral	General Use	Voice 25KHz	661-664	774.1375	804.1375
Mineral	General Use	Voice 25KHz	717-720	774.4875	804.4875

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Moffat	General Use	Voice 25KHz	89-92	764.5625	794.5625
Moffat	General Use	Voice 25KHz	137-140	764.8625	794.8625
Moffat	General Use	Voice 25KHz	321-324	766.0125	796.0125
Moffat	General Use	Voice 25KHz	405-408	766.5375	796.5375
Moffat	General Use	Voice 25KHz	445-448	766.7875	796.7875
Moffat	General Use	Voice 25KHz	489-492	773.0625	803.0625
Moffat	General Use	Voice 25KHz	533-536	773.3375	803.3375
Moffat	General Use	Voice 25KHz	585-588	773.6625	803.6625
Moffat	General Use	Voice 25KHz	717-720	774.4875	804.4875
Montezuma	General Use	Voice 25KHz	81-84	764.5125	794.5125
Montezuma	General Use	Voice 25KHz	129-132	764.8125	794.8125
Montezuma	General Use	Voice 25KHz	217-220	765.3625	795.3625
Montezuma	General Use	Voice 25KHz	257-260	765.6125	795.6125
Montezuma	General Use	Voice 25KHz	353-356	766.2125	796.2125
Montezuma	General Use	Voice 25KHz	393-396	766.4625	796.4625
Montezuma	General Use	Voice 25KHz	469-472	766.9375	796.9375
Montezuma	General Use	Voice 25KHz	541-544	773.3875	803.3875
Montezuma	General Use	Voice 25KHz	585-588	773.6625	803.6625
Montezuma	General Use	Voice 25KHz	625-628	773.9125	803.9125
Montezuma	General Use	Voice 25KHz	861-864	775.3875	805.3875
Montezuma	General Use	Voice 25KHz	901-904	775.6375	805.6375
Montrose	General Use	Voice 25KHz	53-56	764.3375	794.3375
Montrose	General Use	Voice 25KHz	93-96	764.5875	794.5875
Montrose	General Use	Voice 25KHz	161-164	765.0125	795.0125
Montrose	General Use	Voice 25KHz	201-204	765.2625	795.2625
Montrose	General Use	Voice 25KHz	321-324	766.0125	796.0125
Montrose	General Use	Voice 25KHz	373-376	766.3375	796.3375
Montrose	General Use	Voice 25KHz	433-436	766.7125	796.7125
Montrose	General Use	Voice 25KHz	477-480	766.9875	796.9875
Montrose	General Use	Voice 25KHz	501-504	773.1375	803.1375
Montrose	General Use	Voice 25KHz	569-572	773.5625	803.5625
Montrose	General Use	Voice 25KHz	629-632	773.9375	803.9375
Montrose	General Use	Voice 25KHz	669-672	774.1875	804.1875
Montrose	General Use	Voice 25KHz	749-752	774.6875	804.6875
Montrose	General Use	Voice 25KHz	789-792	774.9375	804.9375
Montrose	General Use	Voice 25KHz	873-876	775.4625	805.4625
Montrose	General Use	Voice 25KHz	913-916	775.7125	805.7125

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Morgan	General Use	Voice 25KHz	13-16	764.0875	794.0875
Morgan	General Use	Voice 25KHz	85-88	764.5375	794.5375
Morgan	General Use	Voice 25KHz	125-128	764.7875	794.7875
Morgan	General Use	Voice 25KHz	173-176	765.0875	795.0875
Morgan	General Use	Voice 25KHz	329-332	766.0625	796.0625
Morgan	General Use	Voice 25KHz	385-388	766.4125	796.4125
Morgan	General Use	Voice 25KHz	429-432	766.6875	796.6875
Morgan	General Use	Voice 25KHz	477-480	766.9875	796.9875
Morgan	General Use	Voice 25KHz	525-528	773.2875	803.2875
Morgan	General Use	Voice 25KHz	577-580	773.6125	803.6125
Morgan	General Use	Voice 25KHz	617-620	773.8625	803.8625
Morgan	General Use	Voice 25KHz	673-676	774.2125	804.2125
Morgan	General Use	Voice 25KHz	713-716	774.4625	804.4625
Morgan	General Use	Voice 25KHz	753-756	774.7125	804.7125
Morgan	General Use	Voice 25KHz	793-796	774.9625	804.9625
Morgan	General Use	Voice 25KHz	873-876	775.4625	805.4625
Morgan	General Use	Voice 25KHz	917-920	775.7375	805.7375
Otero	General Use	Voice 25KHz	13-16	764.0875	794.0875
Otero	General Use	Voice 25KHz	97-100	764.6125	794.6125
Otero	General Use	Voice 25KHz	137-140	764.8625	794.8625
Otero	General Use	Voice 25KHz	241-244	765.5125	795.5125
Otero	General Use	Voice 25KHz	341-344	766.1375	796.1375
Otero	General Use	Voice 25KHz	381-384	766.3875	796.3875
Otero	General Use	Voice 25KHz	425-428	766.6625	796.6625
Otero	General Use	Voice 25KHz	469-472	766.9375	796.9375
Otero	General Use	Voice 25KHz	509-512	773.1875	803.1875
Otero	General Use	Voice 25KHz	553-556	773.4625	803.4625
Otero	General Use	Voice 25KHz	597-600	773.7375	803.7375
Otero	General Use	Voice 25KHz	637-640	773.9875	803.9875
Otero	General Use	Voice 25KHz	717-720	774.4875	804.4875
Otero	General Use	Voice 25KHz	757-760	774.7375	804.7375
Otero	General Use	Voice 25KHz	913-916	775.7125	805.7125
Ouray	General Use	Voice 25KHz	173-176	765.0875	795.0875
Ouray	General Use	Voice 25KHz	213-216	765.3375	795.3375
Ouray	General Use	Voice 25KHz	349-352	766.1875	796.1875
Ouray	General Use	Voice 25KHz	397-400	766.4875	796.4875

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Ouray	General Use	Voice 25KHz	525-528	773.2875	803.2875
Ouray	General Use	Voice 25KHz	797-800	774.9875	804.9875
Ouray	General Use	Voice 25KHz	941-944	775.8875	805.8875
Park	General Use	Voice 25KHz	53-56	764.3375	794.3375
Park	General Use	Voice 25KHz	321-324	766.0125	796.0125
Park	General Use	Voice 25KHz	361-364	766.2625	796.2625
Park	General Use	Voice 25KHz	453-456	766.8375	796.8375
Park	General Use	Voice 25KHz	537-540	773.3625	803.3625
Park	General Use	Voice 25KHz	745-748	774.6625	804.6625
Phillips	General Use	Voice 25KHz	81-84	764.5125	794.5125
Phillips	General Use	Voice 25KHz	177-180	765.1125	795.1125
Phillips	General Use	Voice 25KHz	321-324	766.0125	796.0125
Phillips	General Use	Voice 25KHz	393-396	766.4625	796.4625
Phillips	General Use	Voice 25KHz	469-472	766.9375	796.9375
Phillips	General Use	Voice 25KHz	481-484	773.0125	803.0125
Phillips	General Use	Voice 25KHz	529-532	773.3125	803.3125
Phillips	General Use	Voice 25KHz	581-584	773.6375	803.6375
Phillips	General Use	Voice 25KHz	637-640	773.9875	803.9875
Phillips	General Use	Voice 25KHz	789-792	774.9375	804.9375
Phillips	General Use	Voice 25KHz	861-864	775.3875	805.3875
Pitkin	General Use	Voice 25KHz	249-252	765.5625	795.5625
Pitkin	General Use	Voice 25KHz	325-328	766.0375	796.0375
Pitkin	General Use	Voice 25KHz	365-368	766.2875	796.2875
Pitkin	General Use	Voice 25KHz	429-432	766.6875	796.6875
Pitkin	General Use	Voice 25KHz	497-500	773.1125	803.1125
Pitkin	General Use	Voice 25KHz	573-576	773.5875	803.5875
Pitkin	General Use	Voice 25KHz	793-796	774.9625	804.9625
Prowers	General Use	Voice 25KHz	17-20	764.1125	794.1125
Prowers	General Use	Voice 25KHz	93-96	764.5875	794.5875
Prowers	General Use	Voice 25KHz	165-168	765.0375	795.0375
Prowers	General Use	Voice 25KHz	205-208	765.2875	795.2875
Prowers	General Use	Voice 25KHz	253-256	765.5875	795.5875
Prowers	General Use	Voice 25KHz	297-300	765.8625	795.8625
Prowers	General Use	Voice 25KHz	369-372	766.3125	796.3125
Prowers	General Use	Voice 25KHz	413-416	766.5875	796.5875
Prowers	General Use	Voice 25KHz	453-456	766.8375	796.8375

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Prowers	General Use	Voice 25KHz	485-488	773.0375	803.0375
Prowers	General Use	Voice 25KHz	537-540	773.3625	803.3625
Prowers	General Use	Voice 25KHz	589-592	773.6875	803.6875
Prowers	General Use	Voice 25KHz	629-632	773.9375	803.9375
Prowers	General Use	Voice 25KHz	669-672	774.1875	804.1875
Prowers	General Use	Voice 25KHz	709-712	774.4375	804.4375
Prowers	General Use	Voice 25KHz	753-756	774.7125	804.7125
Prowers	General Use	Voice 25KHz	821-824	775.1375	805.1375
Prowers	General Use	Voice 25KHz	861-864	775.3875	805.3875
Prowers	General Use	Voice 25KHz	905-908	775.6625	805.6625
Prowers	General Use	Voice 25KHz	945-948	775.9125	805.9125
Pueblo	General Use	Voice 25KHz	49-52	764.3125	794.3125
Pueblo	General Use	Voice 25KHz	89-92	764.5625	794.5625
Pueblo	General Use	Voice 25KHz	129-132	764.8125	794.8125
Pueblo	General Use	Voice 25KHz	173-176	765.0875	795.0875
Pueblo	General Use	Voice 25KHz	213-216	765.3375	795.3375
Pueblo	General Use	Voice 25KHz	253-256	765.5875	795.5875
Pueblo	General Use	Voice 25KHz	293-296	765.8375	795.8375
Pueblo	General Use	Voice 25KHz	333-336	766.0875	796.0875
Pueblo	General Use	Voice 25KHz	373-376	766.3375	796.3375
Pueblo	General Use	Voice 25KHz	417-420	766.6125	796.6125
Pueblo	General Use	Voice 25KHz	477-480	766.9875	796.9875
Pueblo	General Use	Voice 25KHz	521-524	773.2625	803.2625
Pueblo	General Use	Voice 25KHz	565-568	773.5375	803.5375
Pueblo	General Use	Voice 25KHz	617-620	773.8625	803.8625
Pueblo	General Use	Voice 25KHz	661-664	774.1375	804.1375
Pueblo	General Use	Voice 25KHz	701-704	774.3875	804.3875
Pueblo	General Use	Voice 25KHz	741-744	774.6375	804.6375
Pueblo	General Use	Voice 25KHz	781-784	774.8875	804.8875
Pueblo	General Use	Voice 25KHz	821-824	775.1375	805.1375
Pueblo	General Use	Voice 25KHz	865-868	775.4125	805.4125
Pueblo	General Use	Voice 25KHz	905-908	775.6625	805.6625
Pueblo	General Use	Voice 25KHz	945-948	775.9125	805.9125
Rio Blanco	General Use	Voice 25KHz	49-52	764.3125	794.3125
Rio Blanco	General Use	Voice 25KHz	433-436	766.7125	796.7125

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Rio Blanco	General Use	Voice 25KHz	501-504	773.1375	803.1375
Rio Blanco	General Use	Voice 25KHz	577-580	773.6125	803.6125
Rio Blanco	General Use	Voice 25KHz	629-632	773.9375	803.9375
Rio Blanco	General Use	Voice 25KHz	789-792	774.9375	804.9375
Rio Grande	General Use	Voice 25KHz	125-128	764.7875	794.7875
Rio Grande	General Use	Voice 25KHz	177-180	765.1125	795.1125
Rio Grande	General Use	Voice 25KHz	285-288	765.7875	795.7875
Rio Grande	General Use	Voice 25KHz	381-384	766.3875	796.3875
Rio Grande	General Use	Voice 25KHz	429-432	766.6875	796.6875
Rio Grande	General Use	Voice 25KHz	469-472	766.9375	796.9375
Rio Grande	General Use	Voice 25KHz	509-512	773.1875	803.1875
Rio Grande	General Use	Voice 25KHz	589-592	773.6875	803.6875
Rio Grande	General Use	Voice 25KHz	633-636	773.9625	803.9625
Rio Grande	General Use	Voice 25KHz	709-712	774.4375	804.4375
Rio Grande	General Use	Voice 25KHz	861-864	775.3875	805.3875
Routt	General Use	Voice 25KHz	13-16	764.0875	794.0875
Routt	General Use	Voice 25KHz	81-84	764.5125	794.5125
Routt	General Use	Voice 25KHz	129-132	764.8125	794.8125
Routt	General Use	Voice 25KHz	177-180	765.1125	795.1125
Routt	General Use	Voice 25KHz	257-260	765.6125	795.6125
Routt	General Use	Voice 25KHz	329-332	766.0625	796.0625
Routt	General Use	Voice 25KHz	377-380	766.3625	796.3625
Routt	General Use	Voice 25KHz	417-420	766.6125	796.6125
Routt	General Use	Voice 25KHz	457-460	766.8625	796.8625
Routt	General Use	Voice 25KHz	837-840	775.2375	805.2375
Routt	General Use	Voice 25KHz	905-908	775.6625	805.6625
Routt	General Use	Voice 25KHz	945-948	775.9125	805.9125
Saguache	General Use	Voice 25KHz	85-88	764.5375	794.5375
Saguache	General Use	Voice 25KHz	217-220	765.3625	795.3625
Saguache	General Use	Voice 25KHz	257-260	765.6125	795.6125
Saguache	General Use	Voice 25KHz	369-372	766.3125	796.3125
Saguache	General Use	Voice 25KHz	421-424	766.6375	796.6375
Saguache	General Use	Voice 25KHz	541-544	773.3875	803.3875
Saguache	General Use	Voice 25KHz	609-612	773.8125	803.8125
Saguache	General Use	Voice 25KHz	785-788	774.9125	804.9125

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
San Juan	General Use	Voice 25KHz	341-344	766.1375	796.1375
San Juan	General Use	Voice 25KHz	405-408	766.5375	796.5375
San Juan	General Use	Voice 25KHz	453-456	766.8375	796.8375
San Juan	General Use	Voice 25KHz	493-496	773.0875	803.0875
San Juan	General Use	Voice 25KHz	533-536	773.3375	803.3375
San Juan	General Use	Voice 25KHz	605-608	773.7875	803.7875
San Juan	General Use	Voice 25KHz	833-836	775.2125	805.2125
San Miguel	General Use	Voice 25KHz	13-16	764.0875	794.0875
San Miguel	General Use	Voice 25KHz	121-124	764.7625	794.7625
San Miguel	General Use	Voice 25KHz	253-256	765.5875	795.5875
San Miguel	General Use	Voice 25KHz	293-296	765.8375	795.8375
San Miguel	General Use	Voice 25KHz	333-336	766.0875	796.0875
San Miguel	General Use	Voice 25KHz	425-428	766.6625	796.6625
San Miguel	General Use	Voice 25KHz	465-468	766.9125	796.9125
San Miguel	General Use	Voice 25KHz	485-488	773.0375	803.0375
San Miguel	General Use	Voice 25KHz	545-548	773.4125	803.4125
San Miguel	General Use	Voice 25KHz	597-600	773.7375	803.7375
San Miguel	General Use	Voice 25KHz	709-712	774.4375	804.4375
San Miguel	General Use	Voice 25KHz	825-828	775.1625	805.1625
Sedgwick	General Use	Voice 25KHz	165-168	765.0375	795.0375
Sedgwick	General Use	Voice 25KHz	333-336	766.0875	796.0875
Sedgwick	General Use	Voice 25KHz	377-380	766.3625	796.3625
Sedgwick	General Use	Voice 25KHz	441-444	766.7625	796.7625
Sedgwick	General Use	Voice 25KHz	537-540	773.3625	803.3625
Sedgwick	General Use	Voice 25KHz	593-596	773.7125	803.7125
Sedgwick	General Use	Voice 25KHz	669-672	774.1875	804.1875
Summit	General Use	Voice 25KHz	85-88	764.5375	794.5375
Summit	General Use	Voice 25KHz	125-128	764.7875	794.7875
Summit	General Use	Voice 25KHz	253-256	765.5875	795.5875
Summit	General Use	Voice 25KHz	385-388	766.4125	796.4125
Summit	General Use	Voice 25KHz	669-672	774.1875	804.1875
Summit	General Use	Voice 25KHz	717-720	774.4875	804.4875
Teller	General Use	Voice 25KHz	353-356	766.2125	796.2125
Teller	General Use	Voice 25KHz	393-396	766.4625	796.4625
Teller	General Use	Voice 25KHz	441-444	766.7625	796.7625
Teller	General Use	Voice 25KHz	545-548	773.4125	803.4125
Teller	General Use	Voice 25KHz	593-596	773.7125	803.7125
Teller	General Use	Voice 25KHz	665-668	774.1625	804.1625

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Washington	General Use	Voice 25KHz	53-56	764.3375	794.3375
Washington	General Use	Voice 25KHz	241-244	765.5125	795.5125
Washington	General Use	Voice 25KHz	281-284	765.7625	795.7625
Washington	General Use	Voice 25KHz	369-372	766.3125	796.3125
Washington	General Use	Voice 25KHz	445-448	766.7875	796.7875
Washington	General Use	Voice 25KHz	517-520	773.2375	803.2375
Washington	General Use	Voice 25KHz	589-592	773.6875	803.6875
Washington	General Use	Voice 25KHz	629-632	773.9375	803.9375
Weld	General Use	Voice 25KHz	57-60	764.3625	794.3625
Weld	General Use	Voice 25KHz	97-100	764.6125	794.6125
Weld	General Use	Voice 25KHz	161-164	765.0125	795.0125
Weld	General Use	Voice 25KHz	201-204	765.2625	795.2625
Weld	General Use	Voice 25KHz	321-324	766.0125	796.0125
Weld	General Use	Voice 25KHz	361-364	766.2625	796.2625
Weld	General Use	Voice 25KHz	405-408	766.5375	796.5375
Weld	General Use	Voice 25KHz	453-456	766.8375	796.8375
Weld	General Use	Voice 25KHz	481-484	773.0125	803.0125
Weld	General Use	Voice 25KHz	541-544	773.3875	803.3875
Weld	General Use	Voice 25KHz	665-668	774.1625	804.1625
Weld	General Use	Voice 25KHz	781-784	774.8875	804.8875
Yuma	General Use	Voice 25KHz	17-20	764.1125	794.1125
Yuma	General Use	Voice 25KHz	97-100	764.6125	794.6125
Yuma	General Use	Voice 25KHz	161-164	765.0125	795.0125
Yuma	General Use	Voice 25KHz	201-204	765.2625	795.2625
Yuma	General Use	Voice 25KHz	257-260	765.6125	795.6125
Yuma	General Use	Voice 25KHz	353-356	766.2125	796.2125
Yuma	General Use	Voice 25KHz	409-412	766.5625	796.5625
Yuma	General Use	Voice 25KHz	477-480	766.9875	796.9875
Yuma	General Use	Voice 25KHz	505-508	773.1625	803.1625
Yuma	General Use	Voice 25KHz	553-556	773.4625	803.4625
Yuma	General Use	Voice 25KHz	621-624	773.8875	803.8875
Yuma	General Use	Voice 25KHz	665-668	774.1625	804.1625
Yuma	General Use	Voice 25KHz	717-720	774.4875	804.4875
Yuma	General Use	Voice 25KHz	757-760	774.7375	804.7375
Yuma	General Use	Voice 25KHz	797-800	774.9875	804.9875
Yuma	General Use	Voice 25KHz	837-840	775.2375	805.2375
Yuma	General Use	Voice 25KHz	877-880	775.4875	805.4875
Yuma	General Use	Voice 25KHz	917-920	775.7375	805.7375

Part B - Wideband (150 kHz) Data Channel Set

From the meeting notes of October 13, 2005 we excerpt the following, relevant to the subject of Wideband Data channels:

- ***Wide-band 700, Emery [Reynolds] has a letter that was electronically filed by the FCC concerning the ability of taking the wide band 700 band wider than the 150KHz. More information to be sent to the group. It was discussed that there is some off the shelf equipment today that could be used today for 700. It is more efficient (Dennis Kalvels) to use the wide-band channels as an aggregate, rather than using many narrow-band channels together.***

- ***Currently there are 16, 150KHz channels available state-wide, there are no state "set-aside" for the state. The question is within the rules, what can we do. The group decided that we would file the plan and re-address the wide band data channels by 04/30/2006, motion made, second and no one was opposed. The wording will be changed in the current plan, that this will be addressed later. We need to remain consistent on the data channels for what was submitted to do the same with voice channels.***

The allotment of 150 kHz data channels will be determined at a later date as indicated in the paragraph above.

Appendix M (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

Tab 1 – Minority Statement of the City and County of Denver, Colorado

Tab 2 - Fox Ridge Communications, Inc. Letter dtd February 22, 2005 provided by the City of Aurora

Tab 3 - Fox Ridge Communications, Inc. Letter dtd July 11, 2005, No Subject line, Breakdown between counties and cities, provided by the City of Aurora

Tab 4 - Fox Ridge Communications, Inc. Letter dtd July 11, 2005, No Subject line, Review of draft Region 7, 700 MHz Plan, provided by the City of Aurora

Tab 5 - Fox Ridge Communications, Inc. New Plan by County provided by the City of Aurora

Tab 6 - Fox Ridge Communications, Inc. New Plan by Channel provided by the City of Aurora

Tab 7 - KISSINGER & FELLMAN, P.C. Letter dtd July 12, 2005 RE: City of Aurora / Concerns With Draft of Region 7 Plan, provided by the City of Aurora

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CITY AND COUNTY OF DENVER

JOHN W. HICKENLOOPER
Mayor

DENVER POLICE DEPARTMENT
ADMINISTRATION BUILDING
1331 CHEROKEE STREET
DENVER, COLORADO 80204-2787

PHONE: (720) 913-2000

Minority Statement of the City and County of Denver, Colorado

The City and County of Denver, Colorado ("Denver") hereby submits its opposition to the Region 7 RPC Regional Plan for the allocation of 700 MHz Public Safety Spectrum throughout the State of Colorado.

It is Denver's position that the CAPRAD allocation model, and the alterations made by the Region 7 RPC, significantly under-allocates spectrum for Denver. Further, the proposal by the RPC to potentially make available additional spectrum at a later date is insufficient to address the disparities in the Plan, and significantly impairs Denver's ability to deploy a 700 MHz system.

The Candidate Pre-Allotment Statement dated April 1, 2005 notes a number of the problems with the CAPRAD model. For example, the Statement recognizes that the CAPRAD model does not correlate directly with population differences, and is too coarse in scope to use solely in making decisions among individual agencies in a county-like area.

However, despite the recognition of the problems with the CAPRAD model, the only solution offered by the Plan is to hold some channels in reserve, to then be used as needs dictate. It is Denver's position that this only creates a problem to be handled later, instead of addressing the problem now. A review of the Denver allotment ready shows why the "deal with it later" approach is inappropriate.

Denver's pre-allotment consists of thirteen (13) channel pairs, less than Adams (14), Arapahoe (16) and Jefferson (17) counties. Yet Denver's population of 550,000, which can swell by more than 200,000 with the influx of travelers and sports events and conventions, dwarfs the population of any of the other counties. In addition, it is difficult

to justify the allocation of seven (7) channels for Elbert County for its annual emergency call volume of 4,000, when Denver's emergency call volume is more than one million calls per year, resulting in more than 500,000 actual dispatch calls per year. Further, on the basis of numbers of system users, the more than 4500 Denver Police/Fire/EMS (not including Federal authorities that utilize the current Denver radio system) is significantly greater than any other county.

The Plan makes no attempt to reconcile these differences between the CAPRAD model, which does not consider any qualitative issues, and the reality of the communications needs in the area. Instead, the Plan merely "passes the buck" by putting off decisions for another day. This decision does not reflect the purpose of the RPC. Rather, it is the purpose of the RPC to create a plan for 700 MHz allocations which are fair and equitable, which must not solely be based upon computer projections. The identification of Denver as a core city by the Urban Area Security Initiative Grant Funding Project recognizes the importance and needs of first responder communication in Denver. The Regional Plan for 700 MHz should also recognize these needs.

Fox Ridge Communications, Inc.

Telecommunications Consultants

February 22, 2005

Mr. Michael Bedwell
15151 E Alameda Parkway - 4th Floor
Aurora, CO 80012

Dear Mr. Bedwell:

At your request, we have reviewed the "Candidate Pre-Allotment Statement 02/10/2005" that was prepared by the Region 7 Regional Planning Committee. We offer the following comments.

As a first reaction to the document, the approach taken amounts to no planning at all. The concept of a regional pool means that jurisdictions will receive channels on a first-come, first-served basis. Those who document their needs early will have the best chance of obtaining channels. This is contrary to the Committee's stated belief in the document that, "channel quantity re-assignment relative to population … has a certain intuitive appeal." We believe that such a concept should be a central goal of the Region 7 plan and propose the following.

First, our previous work showed that the CAPRAD plan did not allocate the 700 MHz channels based on population. There may be several reasons for the CAPRAD allocation, but if the outcome of the CAPRAD proposal is contrary to Region 7 desires, then it should be modified. Second, our previous work was a "proof-of-concept" paper that proposed realignment based on population. We acknowledge that the specific channel plan was based primarily on realignment of the number of channels, although a cursory attempt was made to reassign channels in a manner that could be made to work as specific site locations were proposed.

Our original channel plan was reviewed and challenged on the basis of some short co-channel and adjacent channel assignments. The analysis was done based on distanced between geographic centers of the various jurisdictions. Such an analysis does not, and cannot, taken into account actual transmitter placement, but it does provide a guide on how channels can be allotted.

Fox Ridge has reviewed the proposed channel plan using the centroid concept. In developing the revised plan, there were three basic conditions that had to be met for a channel to be assigned. First, the closest co-channel assignment had to be as least 105 km away. This is consistent with the FCC's 800 and 900 MHz channel use rules that allow spacing as close as 88 km if power and antenna height conditions are met and at 113 km with no restrictions. In other words, most assignments at 105 km should be workable, especially with careful transmitter placement and taking advantage of natural terrain shielding. Second, no adjacent channel assignment would be made at less than 25 km. The FCC has no adjacent channel requirements and they are generally not taken into account at 800 and 900 MHz. [1] Third, adjacent channels would not be assigned within a jurisdiction.

The previous work by Fox Ridge formed the basis of the revised channel plan. As before, no channels were moved to border areas so that adjacent regions could rely on the CAPRAD allocations. The quantity of channels for each jurisdiction remains the same as the previous plan. Specific channel assignments, however, have be modified to meet the above three conditions. The attached spreadsheets show the results of the revision. The spreadsheets are sorted by jurisdiction and then by channel numbers. The spreadsheets show the distances to the nearest co-channel and adjacent channel assignments and the names of the jurisdictions. In all cases, the above three conditions have been met.

Fox Ridge agrees with the Region 7 RPC that the eventual roll-out of channels may need to be modified based on the identified needs of each jurisdiction. But, the planning process should have an initial basis upon which such modifications can be made. We believe that the revised plan can easily form that basis. Failure to adopt a starting point can easily lead to case-by-case channel decisions that do not result in the best spectrum utilization. Having a starting point is in no way intended to limit the region's Frequency Advisory Committee authority, but rather, to make the FAC's job somewhat easier.

No region can say with certainty that the plans that they adopt today will be perfect from the beginning, but the entire concept of regional planning is to create and adopt a plan. An amorphous channel pool can hardly be considered a plan. A plan based on population assures that those areas with the greatest needs will have the most channels. It also helps assure that jurisdictions that are later in building systems will still have channel capacity available. Adopting a channel plan does not eliminate the need for site-by-site frequency coordination, but it certainly helps simplify that process.

In my view, speaking a the former Chief of the FCC's Private Radio Bureau and the approving official on all of the original 55 NPSPAC plans, I am confident that the FCC would rather see a well thought out plan showing channel assignments to jurisdictions rather than a plan

1 We recognize that adjacent channel considerations are made for the NPSPAC channels. But, this is because these channels are 25.0 kHz channels on 12.5 kHz centers. Thus, adjacent 12.5 kHz spaced channels have overlapping spectrum that must be dealt with through geographic separation. Such is not the case at 700 MHz.

that presents no more than a regional pool concept. If channels are simply pooled and assigned as requested, there is really no need for regional planning committees.

I urge the Region 7 RPC to consider the revised plan as a starting point.

Sincerely,

Ralph A. Haller

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Tab 3 (Fox Ridge Communications, Inc. Letter dtd July 11, 2005, No Subject line, Breakdown between counties and cites, provided by the City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

Fox Ridge Communications, Inc.

Telecommunications Consultants

July 11, 2005

Mr. Michael Bedwell
City of Aurora
15151 E. Alameda Parkway - 4th Floor
Aurora, CO 80012

Dear Mr. Bedwell:

This is a quick response to your request for a breakdown between counties and cities for 700 MHz channels. Specific channels have not been identified, only number of channels. This study relies on our previous work that identified numbers of channels that should be allocated to each county based on population.

This study is limited to the cities of Aurora, Arvada, Lakewood, Westminster, and the West Metro Fire District. Except for Lakewood, all of these entities operate in more than one county. To conduct the study, the number of channels that we originally allocated to each county, in our original study of March 2004, was further divided between counties and entities listed above. This process involved the counties of Adams, Arapahoe, Douglas, and Jefferson. In the cases of the cities, four channel groups were removed from the county allocation based on the percentage of population of the particular city in a county. In the case of the West Metro Fire District, two two-channel blocks were allocated for its use in Douglas and Jefferson counties, not on the basis of population but to provide a minimal operational capacity. We relied on the 2004 population data that you supplied.

The attached chart shows the results of the work. By way of explanation of the chart, consider Arapahoe County. Our previous projection gave the county 22 channels. However, Aurora has nearly half of the total population of the county, so the original 22 channels have been divided equally between Arapahoe County and the City of Aurora. The next step would obviously be to determine which specific channels should be allocated to each entity.

I hope this is helpful. If you have additional questions, please let me know.

Sincerely,

Ralph A. Haller
President

122 Baltimore St. - Suite 200 • Gettysburg, PA 17325 • Phone (717) 334-7991 • FAX (717) 334-5656

Tab 3 (Fox Ridge Communications, Inc. Letter dtd July 11, 2005, No Subject line, Breakdown between counties and cites, provided by the City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	City	Population	% of County	4 ch groups	Prop groups
Adams County		398165	100.00	16	10
	Aurora	43204	10.85		2
	Arvada	4000	1.00		1
	Westminster	63856	16.04		3
Arapahoe County		524414	100.00	22	11
	Aurora	252655	48.18		11
Douglas County		234193	100.00	8	6
	Aurora	169	0.07		0
	West Metro Fire Dist	105000	44.83		2
Jefferson County		531654	100.00	24	10
	Arvada	98655	18.56		4
	Westminster	43507	8.18		2
	Lakewood	145532	27.37		6
	West Metro Fire Dist	195000	36.68		2

Tab 4 (Fox Ridge Communications, Inc. Letter dtd July 11, 2005, No Subject line, review of draft Region 7, 700 MHz plan, provided by the City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

Fox Ridge Communications, Inc.

Telecommunications Consultants

July 11, 2005

Mr. Michael Bedwell
City of Aurora
15151 E. Alameda Parkway - 4th Floor
Aurora, CO 80012

Dear Mr. Bedwell:

At your request, Fox Ridge Communications, Inc. ("FRCI") has reviewed the draft Region 7, 700 MHz plan. Although clearly considerable work effort has been expended to produce the document, the plan fails to address the concerns of the City of Aurora. Specifically, Aurora and other such cities have no assurances that they will receive a fair number of 700 MHz channels through the procedures described in the plan.

Early in the process, we identified major discrepancies between population density and number of allotted channels that were assigned by the CAPRAD program. One of the most vivid anomalies occurs with Morgan County. Morgan County has a population of only 27,171 persons, yet the CAPRAD program assigned 68, 6.25 kHz channels to the county. On the other hand, Denver has a population of 554,636 persons and received only 56 channels. Similarly, Arapahoe County has a population of 487,967 persons and received only 64 channels. It is our view that higher population density areas simply need more channel capacity to support necessary public safety activities.

FRCI prepared an alternate plan in March 2004, that reallocated the channels in Colorado based primarily on population density. That plan was later revised in February 2005, to change specific channel assignments, but not alter the number of channels being assigned for use within a particular county. The alternate plans prepared by FRCI attempted to move channels in from regional borders to the most populated areas of the state, in and around Denver. Because channels were not moved outward in to border regions, the original CAPRAD allocations at the border were maintained or reduced. This made coordination with adjacent regions easier, as adjacent regions could rely on the CAPRAD plan. At the same time, much needed channels became available in the Denver area, which has over 60 per cent of the population of the state.

The draft plan appears to ignore or reject the idea that channels should be allotted on the basis of population. The discrepancy between the CAPRAD allocation and population density was a legitimate concern, properly raised by Aurora in the Region 7 meetings, that was not resolved. It remains a mystery why Morgan County should have 68 channels.

Another issue with the plan is that it does not reflect the needs of all jurisdictions. Although the CAPRAD program was set up to assign channels on the based on county boundaries, this did not mean that the channels belonged to the county governments. To the contrary, the FCC Rules and Regulations state that the requirements of all eligible entities within the region be considered and, to the degree possible, be met (Section 90.525(a)(3)). There is no indication that the needs of local jurisdictions, such as the City of Aurora, were either considered or met. The plan never suggests channel allocations below the county level, leading to the conclusion that the plan simply ignores such needs. Reliance on the CAPRAD "county-based" program alone, even if it were totally accurate, abandons the FCC's requirements that the needs of all eligible entities be considered and provided for the in the plan.

The plan also fails to provide for the future needs of all eligible entities. The plan in Appendix L recognizes the challenges of planning in the 11-county Denver metropolitan area, but does little to provide a solution. The plan explains that the CAPRAD preallotment program allocated 114, 25.0 kHz channels to these counties out of a total of 154, 25.0 kHz channels, leaving a reserve pool of 40 channels. However, use of these 40 channels may be severely restricted because of use of the channels in counties outside the Denver area, potentially making these 40 channels nothing more than a false hope for future expansion. Without an initial reallotment that involves more than the 11 counties, there may be little opportunity for implementing anything other than the CAPRAD model, even in the Denver area. If the CAPRAD program could have packed these additional 40 channels into the Denver area, it would already have done so.

The plan further relies on TSB-88 studies to determine interference levels that may be caused by proposed stations. The plan does not state what interference level would be acceptable for a new station. For the 470-512 MHz band, the Land Mobile Communications Council has settled on a maximum of five per cent new interference from a proposed station on 12.5 kHz offset channels. That level would seem high for design of 700 MHz public safety systems, but some level should be adopted in the plan. The plan also proposes using 40 dBuV/m or higher signal levels for primary service areas, but fails to explain which propagation model should be used to determine such levels. In short, the plan talks about interference protection, but never defines it.

In order to be responsive to the FCC, and more importantly, responsive to the legitimate end users, the plan should be modified in several ways. First, the plan should rely less on the CAPRAD allocations and modify the allocations to maximize channel allotments in high population density areas, especially in and around Denver. Second, the plan should show specific allocations for entities other than counties, e.g. for cities. Third, the plan should immediately allocate channels to governmental units without use of a questionable reserve frequency pool. This will assure that channels are available for entities that do not decide to build immediately. Any other method does amount to a first-come, first-serve system, even if the plan denies that. Fourth, the allocation criteria should be defined in more detail, particularly with regard to interference predictions.

Tab 4 (Fox Ridge Communications, Inc. Letter dtd July 11, 2005, No Subject line, review of draft Region 7, 700 MHz plan, provided by the City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

The plan developed by the Region 7 planning committee represents a good start, but it fails to resolve several major issues. Primarily, the plan fails to allocate sufficient channels in the areas of the state where they are most needed. The opportunity to correct the allocation plan exists today, but will not be available once entities begin building new systems.

Sincerely,

Ralph A. Haller
President

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Adams County	39.8666667	-104.3833333	217-220	188	Jackson County	77	Douglas County		
Adams County	39.8666667	-104.3833333	257-260	167	Yuma County	115	El Paso County		
Adams County	39.8666667	-104.3833333	337-340	356	Mesa County	115	El Paso County	77	Douglas County
Adams County	39.8666667	-104.3833333	397-400	213	Custer County	115	El Paso County	97	Gilpin County
Adams County	39.8666667	-104.3833333	437-440	209	Kiowa County	115	El Paso County	97	Gilpin County
Adams County	39.8666667	-104.3833333	505-508	167	Yuma County	77	Douglas County	69	Elbert County
Adams County	39.8666667	-104.3833333	537-540	130	Teller County	53	Denver County	53	Denver County
Adams County	39.8666667	-104.3833333	557-560	280	Alamosa County	97	Gilpin County	77	Douglas County
Adams County	39.8666667	-104.3833333	597-600	226	Otero County	130	Teller County	77	Douglas County
Adams County	39.8666667	-104.3833333	637-640	188	Phillips County	115	El Paso County		
Adams County	39.8666667	-104.3833333	701-704	187	Pueblo County			80	Jefferson County
Adams County	39.8666667	-104.3833333	741-744	187	Pueblo County			80	Jefferson County
Adams County	39.8666667	-104.3833333	757-760	128	Larimer County	80	Jefferson County		
Adams County	39.8666667	-104.3833333	821-824	115	El Paso County			80	Jefferson County
Adams County	39.8666667	-104.3833333	829-832	115	El Paso County	80	Jefferson County	86	Boulder County
Adams County	39.8666667	-104.3833333	861-864	188	Phillips County			53	Denver County
Alamosa County	37.6000000	-105.8000000	045-048	158	Gunnison County	104	Fremont County	133	Pueblo County
Alamosa County	37.6000000	-105.8000000	093-096	185	Lake County	177	El Paso County	104	Fremont County
Alamosa County	37.6000000	-105.8000000	133-136	158	Gunnison County	133	Pueblo County	104	Fremont County
Alamosa County	37.6000000	-105.8000000	241-244	158	Gunnison County			133	Pueblo County
Alamosa County	37.6000000	-105.8000000	297-300	206	Douglas County	177	El Paso County		
Alamosa County	37.6000000	-105.8000000	341-344	166	San Juan County	279	Mesa County	104	Fremont County
Alamosa County	37.6000000	-105.8000000	405-408	133	Pueblo County	116	Archuleta County	239	Eagle County
Alamosa County	37.6000000	-105.8000000	501-504	206	Douglas County	160	Las Animas County	104	Fremont County
Alamosa County	37.6000000	-105.8000000	557-560	138	Hinsdale County	104	Fremont County	206	Douglas County
Alamosa County	37.6000000	-105.8000000	597-600	187	Otero County	151	Teller County	158	Gunnison County
Alamosa County	37.6000000	-105.8000000	833-836	166	San Juan County	177	El Paso County	104	Fremont County
Alamosa County	37.6000000	-105.8000000	873-876	235	Montrose County	230	Jefferson County	160	Las Animas County
Alamosa County	37.6000000	-105.8000000	913-916	187	Otero County	116	Archuleta County	177	El Paso County
Arapahoe County	39.6500000	-104.3833333	041-044	157	Fremont County			96	Boulder County
Arapahoe County	39.6500000	-104.3833333	093-096	175	Lake County	91	El Paso County	49	Denver County
Arapahoe County	39.6500000	-104.3833333	133-136	160	Logan County	76	Jefferson County	157	Fremont County
Arapahoe County	39.6500000	-104.3833333	165-168	163	Pueblo County	49	Denver County	65	Broomfield County
Arapahoe County	39.6500000	-104.3833333	205-208	163	Pueblo County	49	Denver County	96	Boulder County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Arapahoe County	39.6500000	-104.3833333	241-244	203	Otero County			49	Denver County
Arapahoe County	39.6500000	-104.3833333	289-292	199	Eagle County	91	El Paso County	84	Morgan County
Arapahoe County	39.6500000	-104.3833333	357-360	153	Crowley County	110	Teller County	76	Jefferson County
Arapahoe County	39.6500000	-104.3833333	389-392	247	Gunnison County	84	Morgan County	91	El Paso County
Arapahoe County	39.6500000	-104.3833333	409-412	107	Washington County	49	Denver County	96	Boulder County
Arapahoe County	39.6500000	-104.3833333	457-460	153	Crowley County	131	Park County	49	Denver County
Arapahoe County	39.6500000	-104.3833333	485-488	191	Custer County	91	El Paso County	96	Boulder County
Arapahoe County	39.6500000	-104.3833333	517-520	146	Larimer County	76	Jefferson County	163	Pueblo County
Arapahoe County	39.6500000	-104.3833333	529-532	191	Custer County	65	Broomfield County	49	Denver County
Arapahoe County	39.6500000	-104.3833333	569-572	182	Cheyenne County	65	Broomfield County	91	El Paso County
Arapahoe County	39.6500000	-104.3833333	581-584	199	Eagle County	76	Jefferson County	96	Boulder County
Arapahoe County	39.6500000	-104.3833333	609-612	238	Saguache County	65	Broomfield County	140	Summit County
Arapahoe County	39.6500000	-104.3833333	661-664	163	Pueblo County			49	Denver County
Arapahoe County	39.6500000	-104.3833333	785-788	199	Eagle County	49	Denver County	91	El Paso County
Arapahoe County	39.6500000	-104.3833333	837-840	157	Fremont County	96	Boulder County		
Arapahoe County	39.6500000	-104.3833333	877-880	171	Yuma County	49	Denver County		
Arapahoe County	39.6500000	-104.3833333	909-912	146	Larimer County	49	Denver County	76	Jefferson County
Archuleta County	37.1937778	-107.0031944	041-044	201	Fremont County			116	Alamosa County
Archuleta County	37.1937778	-107.0031944	249-252	223	Pitkin County	148	Dolores County	152	San Miguel County
Archuleta County	37.1937778	-107.0031944	345-348	201	Fremont County	85	San Juan County	126	Ouray County
Archuleta County	37.1937778	-107.0031944	401-404	267	Las Animas County	126	Ouray County	85	San Juan County
Archuleta County	37.1937778	-107.0031944	449-452	271	Garfield County	198	Delta County	85	San Juan County
Archuleta County	37.1937778	-107.0031944	537-540	246	Teller County	85	San Juan County	119	Saguache County
Archuleta County	37.1937778	-107.0031944	581-584	272	Eagle County	193	Huerfano County	139	Costilla County
Archuleta County	37.1937778	-107.0031944	621-624	272	Eagle County	248	Pueblo County	143	Montezuma County
Archuleta County	37.1937778	-107.0031944	701-704	248	Pueblo County			166	Gunnison County
Archuleta County	37.1937778	-107.0031944	837-840	201	Fremont County	85	San Juan County		
Archuleta County	37.1937778	-107.0031944	909-912	232	Lake County	241	Mesa County	116	Alamosa County
Baca County	37.3055555	-102.5286110	121-124	243	El Paso County			343	Rio Grande County
Baca County	37.3055555	-102.5286110	245-248	198	Pueblo County	124	Otero County	221	Kit Carson County
Baca County	37.3055555	-102.5286110	289-292	306	Arapahoe County	243	El Paso County	243	El Paso County
Baca County	37.3055555	-102.5286110	329-332	347	Morgan County	198	Pueblo County	243	El Paso County
Baca County	37.3055555	-102.5286110	389-392	306	Arapahoe County	215	Huerfano County	243	El Paso County
Baca County	37.3055555	-102.5286110	433-436	221	Kit Carson County	343	Rio Grande County	128	Kiowa County
Baca County	37.3055555	-102.5286110	473-476	167	Cheyenne County	124	Otero County	198	Pueblo County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Baca County	37.3055555	-102.5286110	513-516	167	Cheyenne County	124	Otero County	306	Arapahoe County
Baca County	37.3055555	-102.5286110	581-584	306	Arapahoe County	215	Huerfano County	160	Crowley County
Baca County	37.3055555	-102.5286110	797-800	284	Fremont County	128	Kiowa County		
Bent County	37.9666667	-103.0666667	053-056	263	Morgan County	127	Pueblo County	127	Pueblo County
Bent County	37.9666667	-103.0666667	129-132	127	Pueblo County	296	Rio Grande County	219	Arapahoe County
Bent County	37.9666667	-103.0666667	177-180	250	Denver County	127	Pueblo County		
Bent County	37.9666667	-103.0666667	217-220	240	Adams County	127	Pueblo County		
Bent County	37.9666667	-103.0666667	521-524	127	Pueblo County	219	Arapahoe County	278	Broomfield County
Bent County	37.9666667	-103.0666667	573-576	159	El Paso County	103	Cheyenne County	165	Huerfano County
Bent County	37.9666667	-103.0666667	617-620	127	Pueblo County	154	Kit Carson County	171	Elbert County
Bent County	37.9666667	-103.0666667	661-664	127	Pueblo County			231	Yuma County
Bent County	37.9666667	-103.0666667	701-704	127	Pueblo County			154	Kit Carson County
Bent County	37.9666667	-103.0666667	741-744	127	Pueblo County			266	Jefferson County
Bent County	37.9666667	-103.0666667	781-784	125	Lincoln County			219	Arapahoe County
Bent County	37.9666667	-103.0666667	829-832	159	El Paso County	154	Kit Carson County	103	Cheyenne County
Bent County	37.9666667	-103.0666667	869-872	154	Kit Carson County	127	Pueblo County	244	Alamosa County
Boulder County	40.0833333	-105.3500000	045-048	202	Logan County	96	Arapahoe County	58	Denver County
Boulder County	40.0833333	-105.3500000	089-092	156	El Paso County	110	Park County	96	Arapahoe County
Boulder County	40.0833333	-105.3500000	121-124	156	El Paso County			78	Summit County
Boulder County	40.0833333	-105.3500000	209-212	163	Chaffee County	96	Arapahoe County	90	Douglas County
Boulder County	40.0833333	-105.3500000	293-296	132	Morgan County	96	Arapahoe County	90	Douglas County
Boulder County	40.0833333	-105.3500000	345-348	178	Fremont County	90	Douglas County	58	Denver County
Boulder County	40.0833333	-105.3500000	413-416	163	Chaffee County	96	Arapahoe County	90	Douglas County
Boulder County	40.0833333	-105.3500000	489-492	208	Gunnison County	96	Arapahoe County	58	Denver County
Boulder County	40.0833333	-105.3500000	585-588	163	Chaffee County	96	Arapahoe County	58	Denver County
Boulder County	40.0833333	-105.3500000	625-628	136	Teller County	126	Eagle County	58	Denver County
Boulder County	40.0833333	-105.3500000	833-836	255	Delta County	86	Adams County	96	Arapahoe County
Boulder County	40.0833333	-105.3500000	901-904	163	Chaffee County			58	Denver County
Boulder County	40.0833333	-105.3500000	941-944	132	Morgan County			58	Denver County
Broomfield County	39.9333333	-105.0500000	169-172	162	Chaffee County	65	Arapahoe County		
Broomfield County	39.9333333	-105.0500000	465-468	145	Eagle County	31	Denver County	67	Douglas County
Broomfield County	39.9333333	-105.0500000	525-528	162	Chaffee County	200	Pueblo County	65	Arapahoe County
Broomfield County	39.9333333	-105.0500000	565-568	130	El Paso County	67	Douglas County	65	Arapahoe County
Broomfield County	39.9333333	-105.0500000	605-608	294	Las Animas County	67	Douglas County	65	Arapahoe County
Chaffee County	38.7666667	-106.1833333	169-172	145	Delta County	162	Pueblo County		

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Chaffee County	38.7666667	-106.1833333	209-212	163	Boulder County	162	Pueblo County	106	Eagle County
Chaffee County	38.7666667	-106.1833333	413-416	163	Boulder County	106	Eagle County	124	Douglas County
Chaffee County	38.7666667	-106.1833333	473-476	145	El Paso County	124	Douglas County	125	Jefferson County
Chaffee County	38.7666667	-106.1833333	525-528	154	Ouray County	138	Mineral County	105	Custer County
Chaffee County	38.7666667	-106.1833333	585-588	163	Boulder County	106	Eagle County	132	Rio Grande County
Chaffee County	38.7666667	-106.1833333	825-828	125	Jefferson County	145	El Paso County	145	El Paso County
Chaffee County	38.7666667	-106.1833333	901-904	163	Boulder County			146	Denver County
Chaffee County	38.7666667	-106.1833333	941-944	154	Ouray County			146	Denver County
Cheyenne County	38.8097222	-102.5763888	321-324	199	Las Animas County			180	Pueblo County
Cheyenne County	38.8097222	-102.5763888	473-476	167	Baca County	142	Otero County	131	Yuma County
Cheyenne County	38.8097222	-102.5763888	513-516	167	Baca County	139	Elbert County	182	Arapahoe County
Cheyenne County	38.8097222	-102.5763888	569-572	182	Arapahoe County	169	El Paso County	103	Bent County
Cheyenne County	38.8097222	-102.5763888	713-716	239	Huerfano County	95	Prowers County	131	Yuma County
Cheyenne County	38.8097222	-102.5763888	833-836	277	Boulder County	103	Bent County	131	Yuma County
Cheyenne County	38.8097222	-102.5763888	901-904	217	Logan County			95	Prowers County
Clear Creek County	41.6938888	-105.6350000	173-176	220	Morgan County	332	El Paso County	175	Routt County
Clear Creek County	41.6938888	-105.6350000	421-424	232	Denver County	175	Routt County	115	Larimer County
Clear Creek County	41.6938888	-105.6350000	461-464	232	Denver County	175	Routt County	202	Broomfield County
Clear Creek County	41.6938888	-105.6350000	521-524	402	Pueblo County	115	Larimer County	202	Broomfield County
Conejos County	37.1980555	-106.1711111	325-328	185	Pueblo County	146	La Plata County	126	Hinsdale County
Conejos County	37.1980555	-106.1711111	413-416	174	Chaffee County	274	Eagle County	185	Pueblo County
Conejos County	37.1980555	-106.1711111	457-460	180	Gunnison County	146	San Juan County	294	Denver County
Conejos County	37.1980555	-106.1711111	489-492	180	Gunnison County	124	Custer County	146	San Juan County
Conejos County	37.1980555	-106.1711111	573-576	232	El Paso County	229	Montrose County	124	Huerfano County
Conejos County	37.1980555	-106.1711111	613-616	235	Delta County	99	Saguache County	185	Pueblo County
Conejos County	37.1980555	-106.1711111	673-676	217	Dolores County	124	Huerfano County	158	Fremont County
Conejos County	37.1980555	-106.1711111	741-744	185	Pueblo County			282	Jefferson County
Conejos County	37.1980555	-106.1711111	793-796	217	Dolores County	194	Las Animas County	158	Fremont County
Costilla County	37.2961111	-105.4383333	209-212	176	Chaffee County	130	Pueblo County	130	Pueblo County
Costilla County	37.2961111	-105.4383333	353-356	176	Teller County	226	Ouray County	137	Mineral County
Costilla County	37.2961111	-105.4383333	393-396	189	El Paso County	205	Gunnison County	89	Custer County
Costilla County	37.2961111	-105.4383333	533-536	130	Pueblo County	89	Custer County	139	Archuleta County
Costilla County	37.2961111	-105.4383333	585-588	176	Chaffee County	139	Archuleta County	90	Rio Grande County
Costilla County	37.2961111	-105.4383333	825-828	176	Chaffee County	189	El Paso County	189	El Paso County
Crowley County	38.3500000	-103.7833333	357-360	153	Arapahoe County	133	Teller County	105	Las Animas County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Crowley County	38.3500000	-103.7833333	457-460	153	Arapahoe County	128	Prowers County	178	Denver County
Crowley County	38.3500000	-103.7833333	493-496	149	Kit Carson County	235	Boulder County	105	Las Animas County
Crowley County	38.3500000	-103.7833333	541-544	149	Kit Carson County	128	Prowers County	83	El Paso County
Crowley County	38.3500000	-103.7833333	585-588	187	Costilla County	153	Arapahoe County	128	Prowers County
Crowley County	38.3500000	-103.7833333	673-676	192	Jefferson County	123	Huerfano County	105	Las Animas County
Custer County	38.0969444	-105.3372222	161-164	140	Las Animas County			75	Pueblo County
Custer County	38.0969444	-105.3372222	201-204	140	Las Animas County			75	Pueblo County
Custer County	38.0969444	-105.3372222	397-400	213	Adams County	89	Costilla County	140	Las Animas County
Custer County	38.0969444	-105.3372222	485-488	191	Arapahoe County	109	El Paso County	124	Conejos County
Custer County	38.0969444	-105.3372222	529-532	191	Arapahoe County	105	Chaffee County	75	Pueblo County
Delta County	38.8500000	-107.8500000	169-172	145	Chaffee County	78	Garfield County		
Delta County	38.8500000	-107.8500000	285-288	190	Rio Grande County	78	Garfield County	132	Eagle County
Delta County	38.8500000	-107.8500000	353-356	178	Montezuma County	78	Ouray County	78	Garfield County
Delta County	38.8500000	-107.8500000	405-408	123	San Juan County	198	Archuleta County	132	Eagle County
Delta County	38.8500000	-107.8500000	445-448	137	Lake County	120	Hinsdale County	78	Garfield County
Delta County	38.8500000	-107.8500000	509-512	137	Lake County	217	Fremont County	78	Garfield County
Delta County	38.8500000	-107.8500000	553-556	217	Fremont County	137	Lake County	120	Hinsdale County
Delta County	38.8500000	-107.8500000	613-616	179	Summit County	78	Garfield County	239	Jefferson County
Delta County	38.8500000	-107.8500000	717-720	155	Mineral County	78	Garfield County		
Delta County	38.8500000	-107.8500000	757-760	217	Fremont County	78	Garfield County		
Delta County	38.8500000	-107.8500000	833-836	123	San Juan County	78	Garfield County	197	Routt County
Denver County	39.6666667	-104.9500000	049-052	170	Pueblo County	58	Boulder County	91	Park County
Denver County	39.6666667	-104.9500000	057-060	113	Weld County	91	Park County		
Denver County	39.6666667	-104.9500000	097-100	137	Fremont County	49	Arapahoe County		
Denver County	39.6666667	-104.9500000	161-164	113	Weld County			49	Arapahoe County
Denver County	39.6666667	-104.9500000	177-180	198	Routt County	118	Morgan County		
Denver County	39.6666667	-104.9500000	201-204	113	Weld County			49	Arapahoe County
Denver County	39.6666667	-104.9500000	245-248	119	Larimer County	49	Arapahoe County	27	Jefferson County
Denver County	39.6666667	-104.9500000	281-284	153	Washington County			100	El Paso County
Denver County	39.6666667	-104.9500000	325-328	170	Pueblo County	27	Jefferson County	27	Jefferson County
Denver County	39.6666667	-104.9500000	349-352	146	Lincoln County	58	Boulder County	91	Teller County
Denver County	39.6666667	-104.9500000	405-408	113	Weld County	53	Gilpin County	49	Arapahoe County
Denver County	39.6666667	-104.9500000	421-424	195	Logan County	37	Douglas County	87	Elbert County
Denver County	39.6666667	-104.9500000	445-448	129	Lake County	53	Gilpin County	100	El Paso County
Denver County	39.6666667	-104.9500000	461-464	195	Logan County	49	Arapahoe County	31	Broomfield County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Denver County	39.6666667	-104.9500000	493-496	178	Crowley County	58	Boulder County	27	Jefferson County
Denver County	39.6666667	-104.9500000	533-536	170	Pueblo County	49	Arapahoe County	53	Adams County
Denver County	39.6666667	-104.9500000	541-544	113	Weld County	53	Adams County	100	El Paso County
Denver County	39.6666667	-104.9500000	549-552	129	Lake County	100	El Paso County	53	Gilpin County
Denver County	39.6666667	-104.9500000	589-592	153	Washington County	58	Boulder County	91	Teller County
Denver County	39.6666667	-104.9500000	629-632	153	Washington County	58	Boulder County	100	El Paso County
Denver County	39.6666667	-104.9500000	665-668	113	Weld County	49	Arapahoe County	91	Park County
Denver County	39.6666667	-104.9500000	781-784	113	Weld County			49	Arapahoe County
Denver County	39.6666667	-104.9500000	865-868	107	Grand County	53	Adams County	27	Jefferson County
Denver County	39.6666667	-104.9500000	873-876	107	Grand County	27	Jefferson County	49	Arapahoe County
Denver County	39.6666667	-104.9500000	905-908	170	Pueblo County	58	Boulder County	49	Arapahoe County
Denver County	39.6666667	-104.9500000	945-948	170	Pueblo County	58	Boulder County		
Dolores County	37.7666667	-108.5166667	245-248	357	Pueblo County	170	Gunnison County	148	Archuleta County
Dolores County	37.7666667	-108.5166667	365-368	211	Pitkin County	351	Jefferson County	202	Saguache County
Dolores County	37.7666667	-108.5166667	413-416	217	Conejos County	261	Eagle County	331	Routt County
Dolores County	37.7666667	-108.5166667	521-524	142	Mineral County	416	Arapahoe County	78	Ouray County
Dolores County	37.7666667	-108.5166667	565-568	142	Mineral County	207	Garfield County	75	Montrose County
Dolores County	37.7666667	-108.5166667	633-636	189	Rio Grande County	75	Montrose County	145	Mesa County
Dolores County	37.7666667	-108.5166667	673-676	217	Conejos County	75	Montrose County	145	Mesa County
Dolores County	37.7666667	-108.5166667	793-796	211	Pitkin County	75	Montrose County	78	Ouray County
Douglas County	39.3333333	-104.9500000	213-216	134	Pueblo County	90	Boulder County	77	Adams County
Douglas County	39.3333333	-104.9500000	297-300	133	Lincoln County	67	El Paso County		
Douglas County	39.3333333	-104.9500000	341-344	192	Otero County	77	Adams County	90	Boulder County
Douglas County	39.3333333	-104.9500000	417-420	134	Pueblo County	90	Boulder County	37	Denver County
Douglas County	39.3333333	-104.9500000	469-472	192	Otero County	67	Broomfield County	67	El Paso County
Douglas County	39.3333333	-104.9500000	501-504	206	Alamosa County	43	Jefferson County	77	Adams County
Douglas County	39.3333333	-104.9500000	561-564	219	Logan County	77	Adams County	67	Broomfield County
Douglas County	39.3333333	-104.9500000	601-604	188	Gunnison County	77	Adams County	67	Broomfield County
Eagle County	39.6333333	-106.7000000	213-216	154	Douglas County	106	Chaffee County	119	Jackson County
Eagle County	39.6333333	-106.7000000	289-292	199	Arapahoe County	132	Delta County	126	Boulder County
Eagle County	39.6333333	-106.7000000	349-352	150	Denver County	126	Boulder County	132	Delta County
Eagle County	39.6333333	-106.7000000	409-412	199	Arapahoe County	132	Delta County	106	Chaffee County
Eagle County	39.6333333	-106.7000000	465-468	145	Broomfield County	150	Denver County	154	Douglas County
Eagle County	39.6333333	-106.7000000	485-488	199	Arapahoe County	158	Mesa County	107	Gunnison County
Eagle County	39.6333333	-106.7000000	529-532	199	Arapahoe County	106	Chaffee County	150	Denver County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Eagle County	39.6333333	-106.7000000	581-584	199	Arapahoe County	119	Rio Blanco County	106	Chaffee County
Eagle County	39.6333333	-106.7000000	621-624	231	Elbert County	123	Jefferson County	126	Boulder County
Eagle County	39.6333333	-106.7000000	661-664	199	Arapahoe County			150	Denver County
Eagle County	39.6333333	-106.7000000	701-704	200	Adams County			107	Gunnison County
Eagle County	39.6333333	-106.7000000	785-788	176	Saguache County	150	Denver County	119	Rio Blanco County
Eagle County	39.6333333	-106.7000000	861-864	200	Adams County			71	Grand County
El Paso County	38.8333333	-104.5166667	017-020	208	Prowers County	66	Elbert County		
El Paso County	38.8333333	-104.5166667	089-092	156	Boulder County	114	Park County	91	Arapahoe County
El Paso County	38.8333333	-104.5166667	121-124	156	Boulder County			155	Summit County
El Paso County	38.8333333	-104.5166667	169-173	225	Broomfield County			72	Pueblo County
El Paso County	38.8333333	-104.5166667	253-256	155	Summit County	110	Jefferson County	115	Adams County
El Paso County	38.8333333	-104.5166667	285-288	215	Rio Grande County	100	Denver County	91	Arapahoe County
El Paso County	38.8333333	-104.5166667	293-296	156	Boulder County	91	Arapahoe County	67	Douglas County
El Paso County	38.8333333	-104.5166667	333-336	163	Lake County	110	Jefferson County	115	Adams County
El Paso County	38.8333333	-104.5166667	365-368	213	Pitkin County	110	Jefferson County	110	Jefferson County
El Paso County	38.8333333	-104.5166667	393-396	189	Costilla County	91	Arapahoe County	109	Custer County
El Paso County	38.8333333	-104.5166667	433-436	177	Kit Carson County	110	Jefferson County	115	Adams County
El Paso County	38.8333333	-104.5166667	449-452	284	Archuleta County	100	Denver County	114	Park County
El Paso County	38.8333333	-104.5166667	473-476	145	Chaffee County	67	Douglas County	66	Elbert County
El Paso County	38.8333333	-104.5166667	481-484	200	Weld County	66	Elbert County	91	Arapahoe County
El Paso County	38.8333333	-104.5166667	545-548	164	Las Animas County	83	Crowley County	96	Lincoln County
El Paso County	38.8333333	-104.5166667	565-568	130	Broomfield County	67	Douglas County	91	Arapahoe County
El Paso County	38.8333333	-104.5166667	573-576	159	Bent County	91	Arapahoe County	110	Jefferson County
El Paso County	38.8333333	-104.5166667	633-636	192	Grand County	100	Denver County	115	Adams County
El Paso County	38.8333333	-104.5166667	709-712	208	Prowers County	110	Jefferson County	110	Jefferson County
El Paso County	38.8333333	-104.5166667	749-752	142	Gilpin County	110	Jefferson County	110	Jefferson County
El Paso County	38.8333333	-104.5166667	789-792	164	Las Animas County	91	Arapahoe County	110	Jefferson County
El Paso County	38.8333333	-104.5166667	821-824	115	Adams County			110	Jefferson County
El Paso County	38.8333333	-104.5166667	829-832	115	Adams County	110	Jefferson County	156	Boulder County
El Paso County	38.8333333	-104.5166667	917-920	169	Washington County	110	Jefferson County		
Elbert County	39.3000000	-104.0500000	013-016	111	Jefferson County			66	El Paso County
Elbert County	39.3000000	-104.0500000	381-384	158	Otero County	111	Jefferson County	109	Morgan County
Elbert County	39.3000000	-104.0500000	425-428	158	Otero County	87	Denver County	111	Jefferson County
Elbert County	39.3000000	-104.0500000	477-480	111	Jefferson County	66	El Paso County	66	El Paso County
Elbert County	39.3000000	-104.0500000	509-512	158	Otero County	69	Adams County	111	Jefferson County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Elbert County	39.3000000	-104.0500000	621-624	158	Yuma County	111	Jefferson County	108	Teller County
Fremont County	38.4833333	-105.4000000	041-044	157	Arapahoe County			104	Alamosa County
Fremont County	38.4833333	-105.4000000	097-100	137	Denver County	104	Alamosa County		
Fremont County	38.4833333	-105.4000000	137-140	161	Otero County	104	Alamosa County		
Fremont County	38.4833333	-105.4000000	345-348	178	Boulder County	102	Douglas County	137	Denver County
Fremont County	38.4833333	-105.4000000	505-508	177	Adams County	102	Douglas County	115	Lake County
Fremont County	38.4833333	-105.4000000	553-556	152	Gilpin County	115	Lake County	104	Alamosa County
Fremont County	38.4833333	-105.4000000	677-680	171	Las Animas County	128	Jefferson County		
Fremont County	38.4833333	-105.4000000	757-760	161	Otero County	98	Huerfano County		
Fremont County	38.4833333	-105.4000000	781-784	137	Denver County			87	Saguache County
Fremont County	38.4833333	-105.4000000	797-800	210	Ouray County	128	Jefferson County		
Fremont County	38.4833333	-105.4000000	837-840	157	Arapahoe County	104	Alamosa County		
Garfield County	39.5500000	-107.8333333	057-060	248	Denver County	131	Montrose County		
Garfield County	39.5500000	-107.8333333	097-100	242	Fremont County	131	Montrose County		
Garfield County	39.5500000	-107.8333333	165-168	297	Arapahoe County	131	Montrose County	78	Delta County
Garfield County	39.5500000	-107.8333333	205-208	252	La Plata County	131	Montrose County	167	Chaffee County
Garfield County	39.5500000	-107.8333333	281-284	248	Denver County			78	Delta County
Garfield County	39.5500000	-107.8333333	357-360	224	Mineral County	78	Delta County	221	Jefferson County
Garfield County	39.5500000	-107.8333333	397-400	156	Ouray County	160	Grand County	201	Gilpin County
Garfield County	39.5500000	-107.8333333	449-452	271	Archuleta County	78	Delta County	184	Park County
Garfield County	39.5500000	-107.8333333	513-516	194	Hinsdale County	78	Delta County	237	Larimer County
Garfield County	39.5500000	-107.8333333	561-564	249	Douglas County	194	Hinsdale County	178	Jackson County
Garfield County	39.5500000	-107.8333333	609-612	213	Saguache County	200	San Juan County	78	Delta County
Garfield County	39.5500000	-107.8333333	713-716	221	Jefferson County	179	San Miguel County	78	Delta County
Garfield County	39.5500000	-107.8333333	753-756	221	Jefferson County	131	Montrose County	78	Delta County
Garfield County	39.5500000	-107.8333333	829-832	297	El Paso County	167	Chaffee County	78	Delta County
Garfield County	39.5500000	-107.8333333	877-880	252	La Plata County	131	Montrose County		
Garfield County	39.5500000	-107.8333333	917-920	297	El Paso County	131	Montrose County		
Gilpin County	39.8500000	-105.5166667	401-404	301	Las Animas County	97	Adams County	53	Denver County
Gilpin County	39.8500000	-105.5166667	441-444	113	Teller County	97	Adams County	53	Denver County
Gilpin County	39.8500000	-105.5166667	553-556	152	Fremont County	53	Denver County	97	Adams County
Gilpin County	39.8500000	-105.5166667	749-752	142	El Paso County	32	Jefferson County	32	Jefferson County
Grand County	40.0666667	-106.0833333	393-396	192	El Paso County	153	Arapahoe County	147	Adams County
Grand County	40.0666667	-106.0833333	545-548	192	El Paso County	107	Denver County	97	Lake County
Grand County	40.0666667	-106.0833333	593-596	155	Teller County	107	Denver County	147	Adams County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Grand County	40.0666667	-106.0833333	633-636	192	El Paso County	107	Denver County	147	Adams County
Grand County	40.0666667	-106.0833333	677-680	185	Fremont County	85	Jefferson County		
Grand County	40.0666667	-106.0833333	865-868	107	Denver County	71	Eagle County	85	Jefferson County
Grand County	40.0666667	-106.0833333	873-876	107	Denver County	85	Jefferson County	153	Arapahoe County
Gunnison County	38.6927777	-106.9633333	045-048	158	Alamosa County	138	Fremont County	170	Rio Blanco County
Gunnison County	38.6927777	-106.9633333	133-136	158	Alamosa County	180	Jefferson County	138	Fremont County
Gunnison County	38.6927777	-106.9633333	241-244	158	Alamosa County			170	Dolores County
Gunnison County	38.6927777	-106.9633333	389-392	247	Arapahoe County	116	Park County	170	Grand County
Gunnison County	38.6927777	-106.9633333	457-460	180	Conejos County	116	Park County	205	Denver County
Gunnison County	38.6927777	-106.9633333	489-492	180	Conejos County	107	Eagle County	121	San Juan County
Gunnison County	38.6927777	-106.9633333	601-604	188	Douglas County	147	San Miguel County	121	San Juan County
Gunnison County	38.6927777	-106.9633333	705-708	180	Jefferson County	107	Eagle County	133	Rio Grande County
Hinsdale County	37.8500000	-107.3333333	329-332	267	Jefferson County	126	Conejos County	95	San Miguel County
Hinsdale County	37.8500000	-107.3333333	377-380	267	Jefferson County	103	Montrose County	88	Rio Grande County
Hinsdale County	37.8500000	-107.3333333	441-444	220	Teller County	214	Huerfano County	120	Delta County
Hinsdale County	37.8500000	-107.3333333	513-516	194	Garfield County	88	Rio Grande County	325	Arapahoe County
Hinsdale County	37.8500000	-107.3333333	557-560	138	Alamosa County	120	Delta County	194	Garfield County
Huerfano County	37.6872222	-104.9083333	385-388	179	Park County	108	Otero County	212	Gunnison County
Huerfano County	37.6872222	-104.9083333	437-440	201	Kiowa County	132	El Paso County	133	Teller County
Huerfano County	37.6872222	-104.9083333	513-516	214	Hinsdale County	108	Otero County	223	Arapahoe County
Huerfano County	37.6872222	-104.9083333	577-580	218	Jefferson County	124	Conejos County	193	Archuleta County
Huerfano County	37.6872222	-104.9083333	629-632	220	Denver County	133	Teller County	131	Rio Grande County
Huerfano County	37.6872222	-104.9083333	669-672	179	Park County	220	Denver County	123	Crowley County
Huerfano County	37.6872222	-104.9083333	713-716	218	Jefferson County	131	Rio Grande County	108	Otero County
Huerfano County	37.6872222	-104.9083333	753-756	218	Jefferson County	132	El Paso County	98	Fremont County
Jackson County	40.6666667	-106.3333333	217-220	188	Adams County	119	Eagle County		
Jackson County	40.6666667	-106.3333333	365-368	171	Pitkin County	146	Jefferson County	146	Jefferson County
Jackson County	40.6666667	-106.3333333	505-508	188	Adams County	160	Rio Blanco County	161	Lake County
Jackson County	40.6666667	-106.3333333	565-568	136	Broomfield County	178	Garfield County	201	Arapahoe County
Jackson County	40.6666667	-106.3333333	821-824	188	Adams County			146	Jefferson County
Jefferson County	39.6333333	-105.2666667	013-016	111	Elbert County			110	El Paso County
Jefferson County	39.6333333	-105.2666667	081-084	169	Lincoln County			69	Park County
Jefferson County	39.6333333	-105.2666667	129-132	175	Pueblo County	65	Summit County	76	Arapahoe County
Jefferson County	39.6333333	-105.2666667	249-252	151	Pitkin County	27	Denver County	65	Summit County
Jefferson County	39.6333333	-105.2666667	321-324	127	Weld County			27	Denver County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Jefferson County	39.6333333	-105.2666667	329-332	142	Morgan County	27	Denver County	103	Lake County
Jefferson County	39.6333333	-105.2666667	361-364	127	Weld County	76	Arapahoe County	110	El Paso County
Jefferson County	39.6333333	-105.2666667	369-372	181	Washington County	110	El Paso County	103	Lake County
Jefferson County	39.6333333	-105.2666667	377-380	176	Routt County	103	Lake County	111	Elbert County
Jefferson County	39.6333333	-105.2666667	429-432	151	Pitkin County	111	Elbert County	110	El Paso County
Jefferson County	39.6333333	-105.2666667	477-480	111	Elbert County	110	El Paso County	110	El Paso County
Jefferson County	39.6333333	-105.2666667	497-500	151	Pitkin County	27	Denver County	43	Douglas County
Jefferson County	39.6333333	-105.2666667	513-516	218	Huerfano County	103	Lake County	76	Arapahoe County
Jefferson County	39.6333333	-105.2666667	577-580	218	Huerfano County	110	El Paso County	76	Arapahoe County
Jefferson County	39.6333333	-105.2666667	617-620	175	Pueblo County	65	Summit County	111	Elbert County
Jefferson County	39.6333333	-105.2666667	673-676	192	Crowley County	69	Park County	85	Grand County
Jefferson County	39.6333333	-105.2666667	705-708	180	Gunnison County	80	Adams County	110	El Paso County
Jefferson County	39.6333333	-105.2666667	713-716	218	Huerfano County	110	El Paso County	65	Summit County
Jefferson County	39.6333333	-105.2666667	745-748	219	Logan County	80	Adams County	32	Gilpin County
Jefferson County	39.6333333	-105.2666667	753-756	218	Huerfano County	32	Gilpin County	80	Adams County
Jefferson County	39.6333333	-105.2666667	793-796	151	Pitkin County	110	El Paso County	116	Larimer County
Jefferson County	39.6333333	-105.2666667	825-828	125	Chaffee County	80	Adams County	80	Adams County
Jefferson County	39.6333333	-105.2666667	869-872	235	Kit Carson County	27	Denver County	27	Denver County
Jefferson County	39.6333333	-105.2666667	913-916	230	Alamosa County	76	Arapahoe County	110	El Paso County
Kiowa County	38.4333333	-102.8166667	041-044	153	Las Animas County			99	Kit Carson County
Kiowa County	38.4333333	-102.8166667	281-284	153	Las Animas County			155	El Paso County
Kiowa County	38.4333333	-102.8166667	437-440	201	Huerfano County	99	Kit Carson County	210	Teller County
Kiowa County	38.4333333	-102.8166667	529-532	191	Arapahoe County	255	Broomfield County	148	Pueblo County
Kiowa County	38.4333333	-102.8166667	793-796	251	Jefferson County	153	Las Animas County	128	Baca County
Kiowa County	38.4333333	-102.8166667	877-880	153	Las Animas County	230	Denver County		
Kit Carson County	39.3000000	-102.5666667	045-048	164	Logan County	99	Kiowa County	208	Pueblo County
Kit Carson County	39.3000000	-102.5666667	089-092	177	El Paso County	152	Morgan County	149	Prowers County
Kit Carson County	39.3000000	-102.5666667	129-132	154	Bent County	299	Summit County	161	Arapahoe County
Kit Carson County	39.3000000	-102.5666667	169-172	225	Broomfield County	149	Prowers County		
Kit Carson County	39.3000000	-102.5666667	209-212	164	Logan County	149	Prowers County	206	Douglas County
Kit Carson County	39.3000000	-102.5666667	249-252	164	Logan County	208	Pueblo County	149	Prowers County
Kit Carson County	39.3000000	-102.5666667	361-364	224	Weld County	149	Crowley County	177	El Paso County
Kit Carson County	39.3000000	-102.5666667	433-436	177	El Paso County	235	Jefferson County	99	Kiowa County
Kit Carson County	39.3000000	-102.5666667	493-496	149	Crowley County	254	Boulder County	235	Jefferson County
Kit Carson County	39.3000000	-102.5666667	541-544	149	Crowley County	149	Prowers County	177	El Paso County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Kit Carson County	39.3000000	-102.5666667	613-616	290	Larimer County	161	Arapahoe County	154	Bent County
Kit Carson County	39.3000000	-102.5666667	705-708	164	Logan County	154	Bent County	149	Prowers County
Kit Carson County	39.3000000	-102.5666667	825-828	164	Logan County	149	Prowers County	154	Bent County
Kit Carson County	39.3000000	-102.5666667	869-872	154	Bent County	208	Pueblo County	209	Denver County
Kit Carson County	39.3000000	-102.5666667	945-948	149	Prowers County	152	Morgan County		
La Plata County	37.2833333	-107.8166667	049-052	302	Rio Blanco County	173	Gunnison County	132	Montrose County
La Plata County	37.2833333	-107.8166667	089-092	337	El Paso County	164	Saguache County	132	Montrose County
La Plata County	37.2833333	-107.8166667	137-140	251	Fremont County	173	Gunnison County		
La Plata County	37.2833333	-107.8166667	205-208	252	Garfield County	132	Montrose County	211	Costilla County
La Plata County	37.2833333	-107.8166667	281-284	252	Garfield County			131	Rio Grande County
La Plata County	37.2833333	-107.8166667	321-324	132	Montrose County			146	Conejos County
La Plata County	37.2833333	-107.8166667	385-388	261	Huerfano County	131	Rio Grande County	173	Gunnison County
La Plata County	37.2833333	-107.8166667	433-436	132	Montrose County	131	Rio Grande County	261	Huerfano County
La Plata County	37.2833333	-107.8166667	481-484	204	Mesa County	132	Montrose County	95	San Miguel County
La Plata County	37.2833333	-107.8166667	549-552	251	Lake County	95	San Miguel County	174	Delta County
La Plata County	37.2833333	-107.8166667	593-596	204	Mesa County	131	Rio Grande County	95	San Miguel County
La Plata County	37.2833333	-107.8166667	665-668	364	Denver County	90	Mineral County	132	Montrose County
La Plata County	37.2833333	-107.8166667	713-716	252	Garfield County	95	San Miguel County	90	Mineral County
La Plata County	37.2833333	-107.8166667	753-756	252	Garfield County	132	Montrose County	174	Delta County
La Plata County	37.2833333	-107.8166667	821-824	204	Mesa County			95	San Miguel County
La Plata County	37.2833333	-107.8166667	877-880	252	Garfield County	132	Montrose County		
Lake County	39.2166667	-106.3333333	093-096	175	Arapahoe County	128	Boulder County	115	Fremont County
Lake County	39.2166667	-106.3333333	333-336	163	El Paso County	103	Jefferson County	178	Mesa County
Lake County	39.2166667	-106.3333333	373-376	177	Larimer County	103	Jefferson County	103	Jefferson County
Lake County	39.2166667	-106.3333333	445-448	129	Denver County	99	Gilpin County	134	Garfield County
Lake County	39.2166667	-106.3333333	509-512	137	Delta County	115	Fremont County	103	Jefferson County
Lake County	39.2166667	-106.3333333	549-552	129	Denver County	97	Grand County	99	Gilpin County
Lake County	39.2166667	-106.3333333	909-912	175	Arapahoe County	129	Denver County	103	Jefferson County
Larimer County	40.6666667	-105.4666667	017-020	219	El Paso County	116	Jefferson County		
Larimer County	40.6666667	-105.4666667	245-248	119	Denver County	146	Arapahoe County	116	Jefferson County
Larimer County	40.6666667	-105.4666667	285-288	219	El Paso County	119	Denver County	146	Arapahoe County
Larimer County	40.6666667	-105.4666667	333-336	177	Lake County	116	Jefferson County	128	Adams County
Larimer County	40.6666667	-105.4666667	373-376	177	Lake County	116	Jefferson County	116	Jefferson County
Larimer County	40.6666667	-105.4666667	425-428	194	Elbert County	115	Clear Creek County	116	Jefferson County
Larimer County	40.6666667	-105.4666667	473-476	219	El Paso County	154	Douglas County	116	Jefferson County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Larimer County	40.6666667	-105.4666667	517-520	146	Arapahoe County	116	Jefferson County	115	Clear Creek County
Larimer County	40.6666667	-105.4666667	573-576	206	Pitkin County	146	Arapahoe County	116	Jefferson County
Larimer County	40.6666667	-105.4666667	613-616	127	Summit County	146	Arapahoe County	116	Jefferson County
Larimer County	40.6666667	-105.4666667	709-712	219	El Paso County	116	Jefferson County	116	Jefferson County
Larimer County	40.6666667	-105.4666667	757-760	128	Adams County	116	Jefferson County		
Larimer County	40.6666667	-105.4666667	797-800	242	Fremont County	116	Jefferson County		
Larimer County	40.6666667	-105.4666667	909-912	146	Arapahoe County	119	Denver County	116	Jefferson County
Las Animas County	37.4166667	-104.0000000	041-044	153	Kiowa County			160	Alamosa County
Las Animas County	37.4166667	-104.0000000	081-084	188	Lincoln County			212	Saguache County
Las Animas County	37.4166667	-104.0000000	161-164	140	Custer County			95	Pueblo County
Las Animas County	37.4166667	-104.0000000	201-204	140	Custer County			95	Pueblo County
Las Animas County	37.4166667	-104.0000000	281-284	153	Kiowa County			164	El Paso County
Las Animas County	37.4166667	-104.0000000	321-324	199	Cheyenne County			95	Pueblo County
Las Animas County	37.4166667	-104.0000000	361-364	244	Kit Carson County	105	Crowley County	164	El Paso County
Las Animas County	37.4166667	-104.0000000	401-404	267	Archuleta County	140	Custer County	95	Pueblo County
Las Animas County	37.4166667	-104.0000000	445-448	263	Denver County	191	Teller County	164	El Paso County
Las Animas County	37.4166667	-104.0000000	497-500	270	Jefferson County	105	Crowley County	160	Alamosa County
Las Animas County	37.4166667	-104.0000000	545-548	164	El Paso County	105	Crowley County	188	Lincoln County
Las Animas County	37.4166667	-104.0000000	605-608	294	Broomfield County	228	Douglas County	212	Saguache County
Las Animas County	37.4166667	-104.0000000	677-680	171	Fremont County	105	Crowley County		
Las Animas County	37.4166667	-104.0000000	789-792	164	El Paso County	212	Saguache County	153	Kiowa County
Las Animas County	37.4166667	-104.0000000	837-840	171	Fremont County	160	Alamosa County		
Las Animas County	37.4166667	-104.0000000	877-880	153	Kiowa County	160	Alamosa County		
Lincoln County	39.0500000	-103.4500000	081-084	169	Jefferson County			139	Morgan County
Lincoln County	39.0500000	-103.4500000	297-300	133	Douglas County	96	El Paso County		
Lincoln County	39.0500000	-103.4500000	349-352	146	Denver County	181	Fremont County	136	Yuma County
Lincoln County	39.0500000	-103.4500000	465-468	169	Broomfield County	146	Denver County	130	Otero County
Lincoln County	39.0500000	-103.4500000	549-552	146	Denver County	96	El Paso County	130	Otero County
Lincoln County	39.0500000	-103.4500000	781-784	125	Bent County			104	Arapahoe County
Logan County	40.7166667	-103.1166667	045-048	164	Kit Carson County	160	Arapahoe County	195	Denver County
Logan County	40.7166667	-103.1166667	133-136	160	Arapahoe County	164	Kit Carson County	316	Fremont County
Logan County	40.7166667	-103.1166667	209-212	164	Kit Carson County	160	Arapahoe County	219	Douglas County
Logan County	40.7166667	-103.1166667	249-252	164	Kit Carson County	195	Denver County	241	El Paso County
Logan County	40.7166667	-103.1166667	345-348	202	Boulder County	219	Douglas County	187	Lincoln County
Logan County	40.7166667	-103.1166667	421-424	195	Denver County	219	Douglas County	176	Elbert County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Logan County	40.7166667	-103.1166667	461-464	195	Denver County	160	Arapahoe County	186	Broomfield County
Logan County	40.7166667	-103.1166667	493-496	164	Kit Carson County	202	Boulder County	219	Jefferson County
Logan County	40.7166667	-103.1166667	561-564	219	Douglas County	143	Adams County	186	Broomfield County
Logan County	40.7166667	-103.1166667	601-604	219	Douglas County	143	Adams County	186	Broomfield County
Logan County	40.7166667	-103.1166667	705-708	164	Kit Carson County	143	Adams County	199	Larimer County
Logan County	40.7166667	-103.1166667	745-748	219	Jefferson County	143	Adams County	226	Gilpin County
Logan County	40.7166667	-103.1166667	825-828	164	Kit Carson County	143	Adams County	143	Adams County
Logan County	40.7166667	-103.1166667	901-904	202	Boulder County			195	Denver County
Mesa County	39.0660000	-108.3850000	017-020	306	Larimer County	118	San Miguel County		
Mesa County	39.0660000	-108.3850000	085-088	216	Saguache County	190	Montezuma County	168	Moffat County
Mesa County	39.0660000	-108.3850000	125-128	213	Summit County	118	San Miguel County	190	Montezuma County
Mesa County	39.0660000	-108.3850000	177-180	199	Routt County	115	Ouray County		
Mesa County	39.0660000	-108.3850000	217-220	190	Montezuma County	115	Ouray County		
Mesa County	39.0660000	-108.3850000	257-260	190	Montezuma County	118	San Miguel County		
Mesa County	39.0660000	-108.3850000	297-300	279	Alamosa County	118	San Miguel County		
Mesa County	39.0660000	-108.3850000	337-340	356	Adams County	118	San Miguel County	159	San Juan County
Mesa County	39.0660000	-108.3850000	381-384	240	Rio Grande County	163	Hinsdale County	204	La Plata County
Mesa County	39.0660000	-108.3850000	421-424	216	Saguache County	199	Routt County	118	San Miguel County
Mesa County	39.0660000	-108.3850000	469-472	190	Montezuma County	118	San Miguel County	194	Chaffee County
Mesa County	39.0660000	-108.3850000	481-484	204	La Plata County	73	Montrose County	118	San Miguel County
Mesa County	39.0660000	-108.3850000	541-544	190	Montezuma County	241	Archuleta County	118	San Miguel County
Mesa County	39.0660000	-108.3850000	593-596	204	La Plata County	240	Rio Grande County	118	San Miguel County
Mesa County	39.0660000	-108.3850000	637-640	356	Adams County	145	Dolores County		
Mesa County	39.0660000	-108.3850000	677-680	227	Grand County	145	Dolores County		
Mesa County	39.0660000	-108.3850000	741-744	284	Conejos County			276	Jefferson County
Mesa County	39.0660000	-108.3850000	781-784	267	Fremont County			158	Eagle County
Mesa County	39.0660000	-108.3850000	821-824	204	La Plata County			118	San Miguel County
Mesa County	39.0660000	-108.3850000	865-868	227	Grand County	158	Eagle County	276	Jefferson County
Mesa County	39.0660000	-108.3850000	905-908	199	Routt County	190	Montezuma County	178	Lake County
Mesa County	39.0660000	-108.3850000	945-948	199	Routt County	115	Ouray County		
Mineral County	37.6666667	-106.9166667	357-360	224	Garfield County	137	Costilla County	259	Las Animas County
Mineral County	37.6666667	-106.9166667	521-524	142	Dolores County	312	Arapahoe County	92	Ouray County
Mineral County	37.6666667	-106.9166667	565-568	142	Dolores County	224	Garfield County	145	Montrose County
Mineral County	37.6666667	-106.9166667	661-664	219	Eagle County			90	La Plata County
Mineral County	37.6666667	-106.9166667	717-720	155	Delta County	90	La Plata County		

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Moffat County	40.5666667	-108.1333333	089-092	243	Boulder County	168	Mesa County	215	Lake County
Moffat County	40.5666667	-108.1333333	137-140	330	Fremont County	231	Gunnison County		
Moffat County	40.5666667	-108.1333333	321-324	239	Montrose County			183	Pitkin County
Moffat County	40.5666667	-108.1333333	405-408	192	Delta County	237	Gilpin County	160	Eagle County
Moffat County	40.5666667	-108.1333333	445-448	192	Delta County	237	Gilpin County	116	Garfield County
Moffat County	40.5666667	-108.1333333	489-492	231	Gunnison County	160	Eagle County	289	Denver County
Moffat County	40.5666667	-108.1333333	533-536	289	Denver County	160	Eagle County	317	Teller County
Moffat County	40.5666667	-108.1333333	585-588	243	Boulder County	160	Eagle County	289	Denver County
Moffat County	40.5666667	-108.1333333	717-720	192	Delta County	116	Garfield County		
Montezuma County	37.3594444	-108.6072222	081-084	375	Routt County			190	Mesa County
Montezuma County	37.3594444	-108.6072222	129-132	375	Pueblo County	190	Mesa County	207	Gunnison County
Montezuma County	37.3594444	-108.6072222	217-220	190	Mesa County	115	Ouray County		
Montezuma County	37.3594444	-108.6072222	257-260	190	Mesa County	73	San Miguel County		
Montezuma County	37.3594444	-108.6072222	353-356	178	Delta County	115	Ouray County	153	Mineral County
Montezuma County	37.3594444	-108.6072222	393-396	281	Costilla County	207	Gunnison County	115	Ouray County
Montezuma County	37.3594444	-108.6072222	469-472	190	Mesa County	73	San Miguel County	264	Chaffee County
Montezuma County	37.3594444	-108.6072222	541-544	190	Mesa County	143	Archuleta County	73	San Miguel County
Montezuma County	37.3594444	-108.6072222	585-588	264	Chaffee County	143	Archuleta County	198	Rio Grande County
Montezuma County	37.3594444	-108.6072222	625-628	345	Teller County	143	Archuleta County	121	Montrose County
Montezuma County	37.3594444	-108.6072222	861-864	198	Rio Grande County			190	Mesa County
Montezuma County	37.3594444	-108.6072222	901-904	264	Chaffee County			190	Mesa County
Montrose County	38.4166667	-108.2666667	053-056	232	Park County	132	La Plata County	131	Garfield County
Montrose County	38.4166667	-108.2666667	093-096	190	Lake County	132	La Plata County	131	Garfield County
Montrose County	38.4166667	-108.2666667	161-164	259	Custer County			131	Garfield County
Montrose County	38.4166667	-108.2666667	201-204	259	Custer County			131	Garfield County
Montrose County	38.4166667	-108.2666667	321-324	132	La Plata County			145	Pitkin County
Montrose County	38.4166667	-108.2666667	373-376	190	Lake County	180	Saguache County	103	Hinsdale County
Montrose County	38.4166667	-108.2666667	433-436	132	La Plata County	145	Pitkin County	306	Huerfano County
Montrose County	38.4166667	-108.2666667	477-480	293	Jefferson County	186	Chaffee County	73	Mesa County
Montrose County	38.4166667	-108.2666667	501-504	177	Rio Blanco County	145	Pitkin County	250	Fremont County
Montrose County	38.4166667	-108.2666667	569-572	363	Arapahoe County	75	Dolores County	145	Pitkin County
Montrose County	38.4166667	-108.2666667	629-632	177	Rio Blanco County	121	Montezuma County	75	Dolores County
Montrose County	38.4166667	-108.2666667	669-672	232	Park County	132	La Plata County	75	Dolores County
Montrose County	38.4166667	-108.2666667	749-752	286	Gilpin County	293	Jefferson County	131	Garfield County
Montrose County	38.4166667	-108.2666667	789-792	177	Rio Blanco County	180	Saguache County	75	Dolores County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Montrose County	38.4166667	-108.2666667	873-876	235	Alamosa County	293	Jefferson County	131	Garfield County
Montrose County	38.4166667	-108.2666667	913-916	235	Alamosa County	176	Archuleta County	131	Garfield County
Morgan County	40.2666667	-103.8166667	053-056	208	Park County	118	Denver County	73	Weld County
Morgan County	40.2666667	-103.8166667	085-088	208	Park County	126	Phillips County	132	Boulder County
Morgan County	40.2666667	-103.8166667	173-176	220	Clear Creek County	170	El Paso County	118	Denver County
Morgan County	40.2666667	-103.8166667	293-296	132	Boulder County	84	Arapahoe County	139	Lincoln County
Morgan County	40.2666667	-103.8166667	329-332	142	Jefferson County	118	Denver County	142	Sedgwick County
Morgan County	40.2666667	-103.8166667	385-388	208	Park County	109	Elbert County	84	Arapahoe County
Morgan County	40.2666667	-103.8166667	941-944	132	Boulder County			118	Denver County
Otero County	37.9000000	-103.7166667	013-016	158	Elbert County			116	Prowers County
Otero County	37.9000000	-103.7166667	097-100	161	Fremont County	116	Prowers County		
Otero County	37.9000000	-103.7166667	137-140	161	Fremont County	187	Alamosa County		
Otero County	37.9000000	-103.7166667	241-244	187	Alamosa County			74	Pueblo County
Otero County	37.9000000	-103.7166667	341-344	187	Alamosa County	226	Adams County	161	Fremont County
Otero County	37.9000000	-103.7166667	381-384	158	Elbert County	235	Jefferson County	108	Huerfano County
Otero County	37.9000000	-103.7166667	425-428	158	Elbert County	223	Denver County	235	Jefferson County
Otero County	37.9000000	-103.7166667	469-472	192	Douglas County	130	Lincoln County	124	Baca County
Otero County	37.9000000	-103.7166667	509-512	158	Elbert County	161	Fremont County	108	Huerfano County
Otero County	37.9000000	-103.7166667	553-556	161	Fremont County	130	Lincoln County	187	Alamosa County
Otero County	37.9000000	-103.7166667	597-600	187	Alamosa County	166	Teller County	192	Douglas County
Otero County	37.9000000	-103.7166667	637-640	226	Adams County	125	El Paso County		
Otero County	37.9000000	-103.7166667	717-720	257	Yuma County	108	Huerfano County		
Otero County	37.9000000	-103.7166667	757-760	161	Fremont County	108	Huerfano County		
Otero County	37.9000000	-103.7166667	913-916	187	Alamosa County	203	Arapahoe County	125	El Paso County
Ouray County	38.1500000	-107.7666667	173-176	288	Pueblo County	294	El Paso County	115	Mesa County
Ouray County	38.1500000	-107.7666667	213-216	189	Eagle County	154	Chaffee County	115	Mesa County
Ouray County	38.1500000	-107.7666667	349-352	189	Eagle County	126	Archuleta County	78	Delta County
Ouray County	38.1500000	-107.7666667	397-400	156	Garfield County	115	Montezuma County	126	Archuleta County
Ouray County	38.1500000	-107.7666667	525-528	154	Chaffee County	78	Dolores County	189	Eagle County
Ouray County	38.1500000	-107.7666667	797-800	210	Fremont County	78	Dolores County		
Ouray County	38.1500000	-107.7666667	941-944	154	Chaffee County			115	Mesa County
Park County	39.1500000	-105.7666667	053-056	208	Morgan County	91	Denver County	91	Denver County
Park County	39.1500000	-105.7666667	085-088	126	Saguache County	69	Jefferson County	110	Boulder County
Park County	39.1500000	-105.7666667	385-388	179	Huerfano County	149	Elbert County	116	Gunnison County
Park County	39.1500000	-105.7666667	453-456	227	San Juan County	114	El Paso County	116	Gunnison County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Park County	39.1500000	-105.7666667	669-672	179	Huerfano County	91	Denver County	69	Jefferson County
Phillips County	40.6000000	-102.3947222	081-084	194	Lincoln County			126	Morgan County
Phillips County	40.6000000	-102.3947222	177-180	241	Denver County	126	Morgan County		
Phillips County	40.6000000	-102.3947222	321-324	181	Weld County			241	Denver County
Phillips County	40.6000000	-102.3947222	393-396	268	El Paso County	200	Arapahoe County	188	Adams County
Phillips County	40.6000000	-102.3947222	469-472	260	Douglas County	194	Lincoln County	199	Cheyenne County
Phillips County	40.6000000	-102.3947222	481-484	181	Weld County	69	Yuma County	200	Arapahoe County
Phillips County	40.6000000	-102.3947222	529-532	200	Arapahoe County	238	Broomfield County	241	Denver County
Phillips County	40.6000000	-102.3947222	581-584	200	Arapahoe County	267	Jefferson County	258	Boulder County
Phillips County	40.6000000	-102.3947222	637-640	188	Adams County	268	El Paso County		
Phillips County	40.6000000	-102.3947222	789-792	268	El Paso County	200	Arapahoe County	243	Kiowa County
Phillips County	40.6000000	-102.3947222	861-864	188	Adams County			241	Denver County
Pitkin County	39.2000000	-106.9333333	249-252	151	Jefferson County	178	Denver County	91	Summit County
Pitkin County	39.2000000	-106.9333333	325-328	178	Denver County	145	Montrose County	144	Routt County
Pitkin County	39.2000000	-106.9333333	365-368	171	Jackson County	151	Jefferson County	137	Saguache County
Pitkin County	39.2000000	-106.9333333	429-432	151	Jefferson County	185	San Miguel County	128	Rio Blanco County
Pitkin County	39.2000000	-106.9333333	497-500	151	Jefferson County	173	San Juan County	128	Rio Blanco County
Pitkin County	39.2000000	-106.9333333	573-576	206	Larimer County	145	Montrose County	128	Rio Blanco County
Pitkin County	39.2000000	-106.9333333	793-796	151	Jefferson County	128	Rio Blanco County	137	Ouray County
Prowers County	37.9666667	-102.4000000	017-020	208	El Paso County	116	Otero County		
Prowers County	37.9666667	-102.4000000	093-096	254	Arapahoe County	149	Kit Carson County	116	Otero County
Prowers County	37.9666667	-102.4000000	165-168	184	Pueblo County	154	Las Animas County	149	Kit Carson County
Prowers County	37.9666667	-102.4000000	205-208	184	Pueblo County	154	Las Animas County	149	Kit Carson County
Prowers County	37.9666667	-102.4000000	253-256	208	El Paso County	149	Kit Carson County	224	Yuma County
Prowers County	37.9666667	-102.4000000	297-300	151	Lincoln County	208	El Paso County		
Prowers County	37.9666667	-102.4000000	369-372	233	Washington County	208	El Paso County	184	Pueblo County
Prowers County	37.9666667	-102.4000000	413-416	342	Chaffee County	233	Washington County	184	Pueblo County
Prowers County	37.9666667	-102.4000000	453-456	322	Park County	208	El Paso County	128	Crowley County
Prowers County	37.9666667	-102.4000000	485-488	254	Arapahoe County	208	El Paso County	344	Conejos County
Prowers County	37.9666667	-102.4000000	537-540	261	Teller County	184	Pueblo County	128	Crowley County
Prowers County	37.9666667	-102.4000000	589-592	233	Washington County	128	Crowley County	261	Teller County
Prowers County	37.9666667	-102.4000000	629-632	223	Huerfano County	261	Teller County	208	El Paso County
Prowers County	37.9666667	-102.4000000	669-672	223	Huerfano County	224	Yuma County	128	Crowley County
Prowers County	37.9666667	-102.4000000	709-712	208	El Paso County	149	Kit Carson County	95	Cheyenne County
Prowers County	37.9666667	-102.4000000	753-756	223	Huerfano County	208	El Paso County	116	Otero County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Prowers County	37.9666667	-102.4000000	821-824	208	El Paso County			149	Kit Carson County
Prowers County	37.9666667	-102.4000000	861-864	272	Adams County			184	Pueblo County
Prowers County	37.9666667	-102.4000000	905-908	184	Pueblo County	95	Cheyenne County	254	Arapahoe County
Prowers County	37.9666667	-102.4000000	945-948	149	Kit Carson County	283	Morgan County		
Pueblo County	38.1833333	-104.4833333	049-052	170	Denver County	133	Alamosa County	127	Bent County
Pueblo County	38.1833333	-104.4833333	057-060	170	Denver County	127	Bent County		
Pueblo County	38.1833333	-104.4833333	129-132	127	Bent County	180	Rio Grande County	133	Alamosa County
Pueblo County	38.1833333	-104.4833333	165-168	163	Arapahoe County	75	Custer County	162	Chaffee County
Pueblo County	38.1833333	-104.4833333	173-176	238	Morgan County	72	El Paso County	127	Bent County
Pueblo County	38.1833333	-104.4833333	205-208	163	Arapahoe County	75	Custer County	130	Costilla County
Pueblo County	38.1833333	-104.4833333	213-216	134	Douglas County	130	Costilla County	127	Bent County
Pueblo County	38.1833333	-104.4833333	245-248	170	Denver County	74	Otero County	175	Jefferson County
Pueblo County	38.1833333	-104.4833333	325-328	170	Denver County	95	Las Animas County	175	Jefferson County
Pueblo County	38.1833333	-104.4833333	373-376	198	Lake County	155	Saguache County	175	Jefferson County
Pueblo County	38.1833333	-104.4833333	405-408	133	Alamosa County	95	Las Animas County	163	Arapahoe County
Pueblo County	38.1833333	-104.4833333	417-420	134	Douglas County	162	Chaffee County	155	Saguache County
Pueblo County	38.1833333	-104.4833333	477-480	130	Elbert County	72	El Paso County	72	El Paso County
Pueblo County	38.1833333	-104.4833333	521-524	127	Bent County	163	Arapahoe County	162	Chaffee County
Pueblo County	38.1833333	-104.4833333	533-536	130	Costilla County	75	Custer County	96	Teller County
Pueblo County	38.1833333	-104.4833333	617-620	127	Bent County	185	Conejos County	130	Elbert County
Pueblo County	38.1833333	-104.4833333	661-664	127	Bent County			170	Denver County
Pueblo County	38.1833333	-104.4833333	701-704	127	Bent County			175	Jefferson County
Pueblo County	38.1833333	-104.4833333	741-744	127	Bent County			175	Jefferson County
Pueblo County	38.1833333	-104.4833333	865-868	170	Denver County	180	Rio Grande County	127	Bent County
Pueblo County	38.1833333	-104.4833333	905-908	170	Denver County	162	Chaffee County	163	Arapahoe County
Pueblo County	38.1833333	-104.4833333	945-948	170	Denver County	162	Chaffee County		
Rio Blanco County	40.0000000	-108.0000000	049-052	264	Denver County	170	Gunnison County	177	Montrose County
Rio Blanco County	40.0000000	-108.0000000	433-436	177	Montrose County	128	Pitkin County	310	Adams County
Rio Blanco County	40.0000000	-108.0000000	501-504	177	Montrose County	128	Pitkin County	160	Jackson County
Rio Blanco County	40.0000000	-108.0000000	577-580	238	Jefferson County	128	Pitkin County	119	Eagle County
Rio Blanco County	40.0000000	-108.0000000	629-632	177	Montrose County	226	Boulder County	164	Grand County
Rio Blanco County	40.0000000	-108.0000000	789-792	177	Montrose County	119	Eagle County	128	Pitkin County
Rio Grande County	37.5875000	-106.3888889	125-128	226	Summit County	183	San Miguel County	180	Pueblo County
Rio Grande County	37.5875000	-106.3888889	177-180	240	Mesa County	136	Ouray County		
Rio Grande County	37.5875000	-106.3888889	285-288	190	Delta County	131	La Plata County	229	Eagle County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Rio Grande County	37.5875000	-106.3888889	381-384	238	Otero County	88	Hinsdale County	131	Huerfano County
Rio Grande County	37.5875000	-106.3888889	429-432	185	Pitkin County	183	San Miguel County	131	La Plata County
Rio Grande County	37.5875000	-106.3888889	469-472	198	Montezuma County	183	San Miguel County	132	Chaffee County
Rio Grande County	37.5875000	-106.3888889	509-512	181	Lake County	132	Fremont County	88	Hinsdale County
Rio Grande County	37.5875000	-106.3888889	589-592	263	Denver County	90	Costilla County	131	La Plata County
Rio Grande County	37.5875000	-106.3888889	633-636	189	Dolores County	131	Huerfano County	238	Otero County
Rio Grande County	37.5875000	-106.3888889	709-712	183	San Miguel County	133	Gunnison County	131	Huerfano County
Rio Grande County	37.5875000	-106.3888889	861-864	198	Montezuma County			180	Pueblo County
Routt County	40.5000000	-107.0000000	013-016	176	Jefferson County			131	Larimer County
Routt County	40.5000000	-107.0000000	081-084	176	Jefferson County			183	Park County
Routt County	40.5000000	-107.0000000	129-132	176	Jefferson County	130	Summit County	201	Gunnison County
Routt County	40.5000000	-107.0000000	177-180	198	Denver County	175	Clear Creek County		
Routt County	40.5000000	-107.0000000	257-260	199	Mesa County	130	Summit County		
Routt County	40.5000000	-107.0000000	329-332	176	Jefferson County	144	Pitkin County	131	Larimer County
Routt County	40.5000000	-107.0000000	377-380	176	Jefferson County	131	Larimer County	199	Mesa County
Routt County	40.5000000	-107.0000000	417-420	218	Douglas County	148	Boulder County	175	Clear Creek County
Routt County	40.5000000	-107.0000000	457-460	201	Gunnison County	183	Park County	175	Clear Creek County
Routt County	40.5000000	-107.0000000	837-840	242	Arapahoe County	148	Boulder County		
Routt County	40.5000000	-107.0000000	905-908	198	Denver County	148	Boulder County	131	Larimer County
Routt County	40.5000000	-107.0000000	945-948	198	Denver County	148	Boulder County		
Saguache County	38.0833333	-106.2500000	085-088	126	Park County	192	Jefferson County	164	La Plata County
Saguache County	38.0833333	-106.2500000	217-220	216	Mesa County	133	Ouray County		
Saguache County	38.0833333	-106.2500000	257-260	216	Mesa County	170	Summit County		
Saguache County	38.0833333	-106.2500000	369-372	192	Jefferson County	137	Pitkin County	126	Lake County
Saguache County	38.0833333	-106.2500000	421-424	209	Denver County	155	Pueblo County	189	San Miguel County
Saguache County	38.0833333	-106.2500000	541-544	209	Denver County	119	Archuleta County	173	El Paso County
Saguache County	38.0833333	-106.2500000	609-612	213	Garfield County	130	San Juan County	99	Conejos County
Saguache County	38.0833333	-106.2500000	785-788	176	Eagle County	87	Fremont County	173	El Paso County
San Juan County	37.7500000	-107.6666667	341-344	166	Alamosa County	159	Mesa County	85	Archuleta County
San Juan County	37.7500000	-107.6666667	405-408	123	Delta County	85	Archuleta County	225	Eagle County
San Juan County	37.7500000	-107.6666667	453-456	227	Park County	85	Archuleta County	121	Gunnison County
San Juan County	37.7500000	-107.6666667	493-496	318	Denver County	121	Gunnison County	173	Pitkin County
San Juan County	37.7500000	-107.6666667	533-536	203	Costilla County	208	Custer County	85	Archuleta County
San Juan County	37.7500000	-107.6666667	605-608	326	Las Animas County	121	Gunnison County	130	Saguache County
San Juan County	37.7500000	-107.6666667	833-836	123	Delta County	200	Garfield County	85	Archuleta County

Tab 5 (Fox Ridge Communications, Inc. New Plan by County provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
San Miguel County	38.0000000	-108.4000000	013-016	303	Routt County			118	Mesa County
San Miguel County	38.0000000	-108.4000000	121-124	351	Boulder County			118	Mesa County
San Miguel County	38.0000000	-108.4000000	253-256	273	Summit County	152	Archuleta County	73	Montezuma County
San Miguel County	38.0000000	-108.4000000	293-296	351	Boulder County	234	Eagle County	118	Mesa County
San Miguel County	38.0000000	-108.4000000	333-336	225	Lake County	95	Hinsdale County	118	Mesa County
San Miguel County	38.0000000	-108.4000000	425-428	389	Larimer County	118	Mesa County	183	Rio Grande County
San Miguel County	38.0000000	-108.4000000	465-468	234	Eagle County	352	Denver County	73	Montezuma County
San Miguel County	38.0000000	-108.4000000	485-488	234	Eagle County	95	La Plata County	147	Gunnison County
San Miguel County	38.0000000	-108.4000000	545-548	305	Grand County	73	Montezuma County	95	La Plata County
San Miguel County	38.0000000	-108.4000000	597-600	233	Alamosa County	95	La Plata County	147	Gunnison County
San Miguel County	38.0000000	-108.4000000	709-712	183	Rio Grande County	147	Gunnison County	95	La Plata County
San Miguel County	38.0000000	-108.4000000	825-828	212	Chaffee County	95	La Plata County	179	Garfield County
Sedgwick County	40.8655555	-102.3388888	165-168	220	Arapahoe County	98	Yuma County	175	Kit Carson County
Sedgwick County	40.8655555	-102.3388888	333-336	265	Larimer County	142	Morgan County	206	Adams County
Sedgwick County	40.8655555	-102.3388888	377-380	284	Jefferson County	265	Larimer County	227	Elbert County
Sedgwick County	40.8655555	-102.3388888	441-444	293	Gilpin County	206	Adams County	124	Washington County
Sedgwick County	40.8655555	-102.3388888	537-540	206	Adams County	259	Denver County	175	Kit Carson County
Sedgwick County	40.8655555	-102.3388888	593-596	328	Teller County	124	Washington County	206	Adams County
Sedgwick County	40.8655555	-102.3388888	669-672	322	Prowers County	98	Yuma County	284	Jefferson County
Summit County	39.6000000	-106.0166667	125-128	213	Mesa County	78	Boulder County	65	Jefferson County
Summit County	39.6000000	-106.0166667	253-256	155	El Paso County	65	Jefferson County	130	Routt County
Summit County	39.6000000	-106.0166667	613-616	127	Larimer County	140	Arapahoe County	65	Jefferson County
Summit County	39.6000000	-106.0166667	717-720	179	Delta County	65	Jefferson County		
Teller County	38.8666667	-105.1666667	353-356	176	Costilla County	91	Denver County	110	Arapahoe County
Teller County	38.8666667	-105.1666667	441-444	113	Gilpin County	130	Adams County	91	Denver County
Teller County	38.8666667	-105.1666667	537-540	130	Adams County	91	Denver County	91	Denver County
Teller County	38.8666667	-105.1666667	593-596	155	Grand County	91	Denver County	130	Adams County
Teller County	38.8666667	-105.1666667	625-628	136	Boulder County	108	Elbert County	91	Denver County
Washington County	39.9666667	-103.2000000	281-284	153	Denver County			169	El Paso County
Washington County	39.9666667	-103.2000000	369-372	181	Jefferson County	169	El Paso County	208	Larimer County
Washington County	39.9666667	-103.2000000	409-412	107	Arapahoe County	135	Weld County	184	Boulder County
Washington County	39.9666667	-103.2000000	445-448	153	Denver County	124	Sedgwick County	169	El Paso County
Washington County	39.9666667	-103.2000000	589-592	153	Denver County	184	Boulder County	124	Sedgwick County
Washington County	39.9666667	-103.2000000	629-632	153	Denver County	184	Boulder County	169	El Paso County
Washington County	39.9666667	-103.2000000	917-920	169	El Paso County	181	Jefferson County		

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Weld County	40.6333333	-104.5333333	057-060	113	Denver County	73	Morgan County		
Weld County	40.6333333	-104.5333333	161-164	113	Denver County			110	Arapahoe County
Weld County	40.6333333	-104.5333333	201-204	113	Denver County			110	Arapahoe County
Weld County	40.6333333	-104.5333333	321-324	127	Jefferson County			113	Denver County
Weld County	40.6333333	-104.5333333	361-364	127	Jefferson County	110	Arapahoe County	152	Jackson County
Weld County	40.6333333	-104.5333333	405-408	113	Denver County	121	Gilpin County	110	Arapahoe County
Weld County	40.6333333	-104.5333333	481-484	181	Phillips County	127	Jefferson County	110	Arapahoe County
Weld County	40.6333333	-104.5333333	541-544	113	Denver County	86	Adams County	146	Grand County
Weld County	40.6333333	-104.5333333	665-668	113	Denver County	110	Arapahoe County	187	Sedgwick County
Weld County	40.6333333	-104.5333333	781-784	113	Denver County			110	Arapahoe County
Yuma County	39.9833333	-102.4333333	017-020	220	El Paso County	158	Elbert County		
Yuma County	39.9833333	-102.4333333	097-100	218	Denver County	171	Arapahoe County		
Yuma County	39.9833333	-102.4333333	161-164	193	Weld County			98	Sedgwick County
Yuma County	39.9833333	-102.4333333	201-204	193	Weld County			171	Arapahoe County
Yuma County	39.9833333	-102.4333333	257-260	167	Adams County	220	El Paso County		
Yuma County	39.9833333	-102.4333333	353-356	266	Teller County	136	Lincoln County	171	Arapahoe County
Yuma County	39.9833333	-102.4333333	477-480	158	Elbert County	131	Cheyenne County	69	Phillips County
Yuma County	39.9833333	-102.4333333	505-508	167	Adams County	228	Douglas County	158	Elbert County
Yuma County	39.9833333	-102.4333333	553-556	257	Otero County	136	Lincoln County	167	Adams County
Yuma County	39.9833333	-102.4333333	621-624	158	Elbert County	231	Bent County	249	Boulder County
Yuma County	39.9833333	-102.4333333	665-668	193	Weld County	171	Arapahoe County	98	Sedgwick County
Yuma County	39.9833333	-102.4333333	717-720	257	Otero County	131	Cheyenne County		
Yuma County	39.9833333	-102.4333333	757-760	167	Adams County	224	Prowers County		
Yuma County	39.9833333	-102.4333333	797-800	269	Larimer County	175	Kiowa County		
Yuma County	39.9833333	-102.4333333	837-840	171	Arapahoe County	131	Cheyenne County		
Yuma County	39.9833333	-102.4333333	877-880	171	Arapahoe County	218	Denver County		

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Elbert County	39.3000000	-104.0500000	013-016	111	Jefferson County			66	El Paso County
Jefferson County	39.6333333	-105.2666667	013-016	111	Elbert County			110	El Paso County
Otero County	37.9000000	-103.7166667	013-016	158	Elbert County			116	Prowers County
Routt County	40.5000000	-107.0000000	013-016	176	Jefferson County			131	Larimer County
San Miguel County	38.0000000	-108.4000000	013-016	303	Routt County			118	Mesa County
El Paso County	38.8333333	-104.5166667	017-020	208	Prowers County	66	Elbert County		
Larimer County	40.6666667	-105.4666667	017-020	219	El Paso County	116	Jefferson County		
Mesa County	39.0660000	-108.3850000	017-020	306	Larimer County	118	San Miguel County		
Prowers County	37.9666667	-102.4000000	017-020	208	El Paso County	116	Otero County		
Yuma County	39.9833333	-102.4333333	017-020	220	El Paso County	158	Elbert County		
Arapahoe County	39.6500000	-104.3833333	041-044	157	Fremont County			96	Boulder County
Archuleta County	37.1937778	-107.0031944	041-044	201	Fremont County			116	Alamosa County
Fremont County	38.4833333	-105.4000000	041-044	157	Arapahoe County			104	Alamosa County
Kiowa County	38.4333333	-102.8166667	041-044	153	Las Animas County			99	Kit Carson County
Las Animas County	37.4166667	-104.0000000	041-044	153	Kiowa County			160	Alamosa County
Alamosa County	37.6000000	-105.8000000	045-048	158	Gunnison County	104	Fremont County	133	Pueblo County
Boulder County	40.0833333	-105.3500000	045-048	202	Logan County	96	Arapahoe County	58	Denver County
Gunnison County	38.6927777	-106.9633333	045-048	158	Alamosa County	138	Fremont County	170	Rio Blanco County
Kit Carson County	39.3000000	-102.5666667	045-048	164	Logan County	99	Kiowa County	208	Pueblo County
Logan County	40.7166667	-103.1166667	045-048	164	Kit Carson County	160	Arapahoe County	195	Denver County
Denver County	39.6666667	-104.9500000	049-052	170	Pueblo County	58	Boulder County	91	Park County
La Plata County	37.2833333	-107.8166667	049-052	302	Rio Blanco County	173	Gunnison County	132	Montrose County
Pueblo County	38.1833333	-104.4833333	049-052	170	Denver County	133	Alamosa County	127	Bent County
Rio Blanco County	40.0000000	-108.0000000	049-052	264	Denver County	170	Gunnison County	177	Montrose County
Bent County	37.9666667	-103.0666667	053-056	263	Morgan County	127	Pueblo County	127	Pueblo County
Montrose County	38.4166667	-108.2666667	053-056	232	Park County	132	La Plata County	131	Garfield County
Morgan County	40.2666667	-103.8166667	053-056	208	Park County	118	Denver County	73	Weld County
Park County	39.1500000	-105.7666667	053-056	208	Morgan County	91	Denver County	91	Denver County
Denver County	39.6666667	-104.9500000	057-060	113	Weld County	91	Park County		
Garfield County	39.5500000	-107.8333333	057-060	248	Denver County	131	Montrose County		
Pueblo County	38.1833333	-104.4833333	057-060	170	Denver County	127	Bent County		
Weld County	40.6333333	-104.5333333	057-060	113	Denver County	73	Morgan County		
Jefferson County	39.6333333	-105.2666667	081-084	169	Lincoln County			69	Park County
Las Animas County	37.4166667	-104.0000000	081-084	188	Lincoln County			212	Saguache County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Lincoln County	39.0500000	-103.4500000	081-084	169	Jefferson County			139	Morgan County
Montezuma County	37.3594444	-108.6072222	081-084	375	Routt County			190	Mesa County
Phillips County	40.6000000	-102.3947222	081-084	194	Lincoln County			126	Morgan County
Routt County	40.5000000	-107.0000000	081-084	176	Jefferson County			183	Park County
Mesa County	39.0660000	-108.3850000	085-088	216	Saguache County	190	Montezuma County	168	Moffat County
Morgan County	40.2666667	-103.8166667	085-088	208	Park County	126	Phillips County	132	Boulder County
Park County	39.1500000	-105.7666667	085-088	126	Saguache County	69	Jefferson County	110	Boulder County
Saguache County	38.0833333	-106.2500000	085-088	126	Park County	192	Jefferson County	164	La Plata County
Boulder County	40.0833333	-105.3500000	089-092	156	El Paso County	110	Park County	96	Arapahoe County
El Paso County	38.8333333	-104.5166667	089-092	156	Boulder County	114	Park County	91	Arapahoe County
Kit Carson County	39.3000000	-102.5666667	089-092	177	El Paso County	152	Morgan County	149	Prowers County
La Plata County	37.2833333	-107.8166667	089-092	337	El Paso County	164	Saguache County	132	Montrose County
Moffat County	40.5666667	-108.1333333	089-092	243	Boulder County	168	Mesa County	215	Lake County
Alamosa County	37.6000000	-105.8000000	093-096	185	Lake County	177	El Paso County	104	Fremont County
Arapahoe County	39.6500000	-104.3833333	093-096	175	Lake County	91	El Paso County	49	Denver County
Lake County	39.2166667	-106.3333333	093-096	175	Arapahoe County	128	Boulder County	115	Fremont County
Montrose County	38.4166667	-108.2666667	093-096	190	Lake County	132	La Plata County	131	Garfield County
Prowers County	37.9666667	-102.4000000	093-096	254	Arapahoe County	149	Kit Carson County	116	Otero County
Denver County	39.6666667	-104.9500000	097-100	137	Fremont County	49	Arapahoe County		
Fremont County	38.4833333	-105.4000000	097-100	137	Denver County	104	Alamosa County		
Garfield County	39.5500000	-107.8333333	097-100	242	Fremont County	131	Montrose County		
Otero County	37.9000000	-103.7166667	097-100	161	Fremont County	116	Prowers County		
Yuma County	39.9833333	-102.4333333	097-100	218	Denver County	171	Arapahoe County		
Baca County	37.3055555	-102.5286110	121-124	243	El Paso County			343	Rio Grande County
Boulder County	40.0833333	-105.3500000	121-124	156	El Paso County			78	Summit County
El Paso County	38.8333333	-104.5166667	121-124	156	Boulder County			155	Summit County
San Miguel County	38.0000000	-108.4000000	121-124	351	Boulder County			118	Mesa County
Mesa County	39.0660000	-108.3850000	125-128	213	Summit County	118	San Miguel County	190	Montezuma County
Rio Grande County	37.5875000	-106.3888889	125-128	226	Summit County	183	San Miguel County	180	Pueblo County
Summit County	39.6000000	-106.0166667	125-128	213	Mesa County	78	Boulder County	65	Jefferson County
Bent County	37.9666667	-103.0666667	129-132	127	Pueblo County	296	Rio Grande County	219	Arapahoe County
Jefferson County	39.6333333	-105.2666667	129-132	175	Pueblo County	65	Summit County	76	Arapahoe County
Kit Carson County	39.3000000	-102.5666667	129-132	154	Bent County	299	Summit County	161	Arapahoe County
Montezuma County	37.3594444	-108.6072222	129-132	375	Pueblo County	190	Mesa County	207	Gunnison County
Pueblo County	38.1833333	-104.4833333	129-132	127	Bent County	180	Rio Grande County	133	Alamosa County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Routt County	40.5000000	-107.0000000	129-132	176	Jefferson County	130	Summit County	201	Gunnison County
Alamosa County	37.6000000	-105.8000000	133-136	158	Gunnison County	133	Pueblo County	104	Fremont County
Arapahoe County	39.6500000	-104.3833333	133-136	160	Logan County	76	Jefferson County	157	Fremont County
Gunnison County	38.6927777	-106.9633333	133-136	158	Alamosa County	180	Jefferson County	138	Fremont County
Logan County	40.7166667	-103.1166667	133-136	160	Arapahoe County	164	Kit Carson County	316	Fremont County
Fremont County	38.4833333	-105.4000000	137-140	161	Otero County	104	Alamosa County		
La Plata County	37.2833333	-107.8166667	137-140	251	Fremont County	173	Gunnison County		
Moffat County	40.5666667	-108.1333333	137-140	330	Fremont County	231	Gunnison County		
Otero County	37.9000000	-103.7166667	137-140	161	Fremont County	187	Alamosa County		
Custer County	38.0969444	-105.3372222	161-164	140	Las Animas County			75	Pueblo County
Denver County	39.6666667	-104.9500000	161-164	113	Weld County			49	Arapahoe County
Las Animas County	37.4166667	-104.0000000	161-164	140	Custer County			95	Pueblo County
Montrose County	38.4166667	-108.2666667	161-164	259	Custer County			131	Garfield County
Weld County	40.6333333	-104.5333333	161-164	113	Denver County			110	Arapahoe County
Yuma County	39.9833333	-102.4333333	161-164	193	Weld County			98	Sedgwick County
Arapahoe County	39.6500000	-104.3833333	165-168	163	Pueblo County	49	Denver County	65	Broomfield County
Garfield County	39.5500000	-107.8333333	165-168	297	Arapahoe County	131	Montrose County	78	Delta County
Prowers County	37.9666667	-102.4000000	165-168	184	Pueblo County	154	Las Animas County	149	Kit Carson County
Pueblo County	38.1833333	-104.4833333	165-168	163	Arapahoe County	75	Custer County	162	Chaffee County
Sedgwick County	40.8655555	-102.3388888	165-168	220	Arapahoe County	98	Yuma County	175	Kit Carson County
Broomfield County	39.9333333	-105.0500000	169-172	162	Chaffee County	65	Arapahoe County		
Chaffee County	38.7666667	-106.1833333	169-172	145	Delta County	162	Pueblo County		
Delta County	38.8500000	-107.8500000	169-172	145	Chaffee County	78	Garfield County		
Kit Carson County	39.3000000	-102.5666667	169-172	225	Broomfield County	149	Prowers County		
El Paso County	38.8333333	-104.5166667	169-173	225	Broomfield County			72	Pueblo County
Clear Creek County	41.6938888	-105.6350000	173-176	220	Morgan County	332	El Paso County	175	Routt County
Morgan County	40.2666667	-103.8166667	173-176	220	Clear Creek County	170	El Paso County	118	Denver County
Ouray County	38.1500000	-107.7666667	173-176	288	Pueblo County	294	El Paso County	115	Mesa County
Pueblo County	38.1833333	-104.4833333	173-176	238	Morgan County	72	El Paso County	127	Bent County
Bent County	37.9666667	-103.0666667	177-180	250	Denver County	127	Pueblo County		
Denver County	39.6666667	-104.9500000	177-180	198	Routt County	118	Morgan County		
Mesa County	39.0660000	-108.3850000	177-180	199	Routt County	115	Ouray County		
Phillips County	40.6000000	-102.3947222	177-180	241	Denver County	126	Morgan County		
Rio Grande County	37.5875000	-106.3888889	177-180	240	Mesa County	136	Ouray County		
Routt County	40.5000000	-107.0000000	177-180	198	Denver County	175	Clear Creek County		

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Custer County	38.0969444	-105.3372222	201-204	140	Las Animas County			75	Pueblo County
Denver County	39.6666667	-104.9500000	201-204	113	Weld County			49	Arapahoe County
Las Animas County	37.4166667	-104.0000000	201-204	140	Custer County			95	Pueblo County
Montrose County	38.4166667	-108.2666667	201-204	259	Custer County			131	Garfield County
Weld County	40.6333333	-104.5333333	201-204	113	Denver County			110	Arapahoe County
Yuma County	39.9833333	-102.4333333	201-204	193	Weld County			171	Arapahoe County
Arapahoe County	39.6500000	-104.3833333	205-208	163	Pueblo County	49	Denver County	96	Boulder County
Garfield County	39.5500000	-107.8333333	205-208	252	La Plata County	131	Montrose County	167	Chaffee County
La Plata County	37.2833333	-107.8166667	205-208	252	Garfield County	132	Montrose County	211	Costilla County
Prowers County	37.9666667	-102.4000000	205-208	184	Pueblo County	154	Las Animas County	149	Kit Carson County
Pueblo County	38.1833333	-104.4833333	205-208	163	Arapahoe County	75	Custer County	130	Costilla County
Boulder County	40.0833333	-105.3500000	209-212	163	Chaffee County	96	Arapahoe County	90	Douglas County
Chaffee County	38.7666667	-106.1833333	209-212	163	Boulder County	162	Pueblo County	106	Eagle County
Costilla County	37.2961111	-105.4383333	209-212	176	Chaffee County	130	Pueblo County	130	Pueblo County
Kit Carson County	39.3000000	-102.5666667	209-212	164	Logan County	149	Prowers County	206	Douglas County
Logan County	40.7166667	-103.1166667	209-212	164	Kit Carson County	160	Arapahoe County	219	Douglas County
Douglas County	39.3333333	-104.9500000	213-216	134	Pueblo County	90	Boulder County	77	Adams County
Eagle County	39.6333333	-106.7000000	213-216	154	Douglas County	106	Chaffee County	119	Jackson County
Ouray County	38.1500000	-107.7666667	213-216	189	Eagle County	154	Chaffee County	115	Mesa County
Pueblo County	38.1833333	-104.4833333	213-216	134	Douglas County	130	Costilla County	127	Bent County
Adams County	39.8666667	-104.3833333	217-220	188	Jackson County	77	Douglas County		
Bent County	37.9666667	-103.0666667	217-220	240	Adams County	127	Pueblo County		
Jackson County	40.6666667	-106.3333333	217-220	188	Adams County	119	Eagle County		
Mesa County	39.0660000	-108.3850000	217-220	190	Montezuma County	115	Ouray County		
Montezuma County	37.3594444	-108.6072222	217-220	190	Mesa County	115	Ouray County		
Saguache County	38.0833333	-106.2500000	217-220	216	Mesa County	133	Ouray County		
Alamosa County	37.6000000	-105.8000000	241-244	158	Gunnison County			133	Pueblo County
Arapahoe County	39.6500000	-104.3833333	241-244	203	Otero County			49	Denver County
Gunnison County	38.6927777	-106.9633333	241-244	158	Alamosa County			170	Dolores County
Otero County	37.9000000	-103.7166667	241-244	187	Alamosa County			74	Pueblo County
Baca County	37.3055555	-102.5286110	245-248	198	Pueblo County	124	Otero County	221	Kit Carson County
Denver County	39.6666667	-104.9500000	245-248	119	Larimer County	49	Arapahoe County	27	Jefferson County
Dolores County	37.7666667	-108.5166667	245-248	357	Pueblo County	170	Gunnison County	148	Archuleta County
Larimer County	40.6666667	-105.4666667	245-248	119	Denver County	146	Arapahoe County	116	Jefferson County
Pueblo County	38.1833333	-104.4833333	245-248	170	Denver County	74	Otero County	175	Jefferson County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Archuleta County	37.1937778	-107.0031944	249-252	223	Pitkin County	148	Dolores County	152	San Miguel County
Jefferson County	39.6333333	-105.2666667	249-252	151	Pitkin County	27	Denver County	65	Summit County
Kit Carson County	39.3000000	-102.5666667	249-252	164	Logan County	208	Pueblo County	149	Prowers County
Logan County	40.7166667	-103.1166667	249-252	164	Kit Carson County	195	Denver County	241	El Paso County
Pitkin County	39.2000000	-106.9333333	249-252	151	Jefferson County	178	Denver County	91	Summit County
El Paso County	38.8333333	-104.5166667	253-256	155	Summit County	110	Jefferson County	115	Adams County
Prowers County	37.9666667	-102.4000000	253-256	208	El Paso County	149	Kit Carson County	224	Yuma County
San Miguel County	38.0000000	-108.4000000	253-256	273	Summit County	152	Archuleta County	73	Montezuma County
Summit County	39.6000000	-106.0166667	253-256	155	El Paso County	65	Jefferson County	130	Routt County
Adams County	39.8666667	-104.3833333	257-260	167	Yuma County	115	El Paso County		
Mesa County	39.0660000	-108.3850000	257-260	190	Montezuma County	118	San Miguel County		
Montezuma County	37.3594444	-108.6072222	257-260	190	Mesa County	73	San Miguel County		
Routt County	40.5000000	-107.0000000	257-260	199	Mesa County	130	Summit County		
Saguache County	38.0833333	-106.2500000	257-260	216	Mesa County	170	Summit County		
Yuma County	39.9833333	-102.4333333	257-260	167	Adams County	220	El Paso County		
Denver County	39.6666667	-104.9500000	281-284	153	Washington County			100	El Paso County
Garfield County	39.5500000	-107.8333333	281-284	248	Denver County			78	Delta County
Kiowa County	38.4333333	-102.8166667	281-284	153	Las Animas County			155	El Paso County
La Plata County	37.2833333	-107.8166667	281-284	252	Garfield County			131	Rio Grande County
Las Animas County	37.4166667	-104.0000000	281-284	153	Kiowa County			164	El Paso County
Washington County	39.9666667	-103.2000000	281-284	153	Denver County			169	El Paso County
Delta County	38.8500000	-107.8500000	285-288	190	Rio Grande County	78	Garfield County	132	Eagle County
El Paso County	38.8333333	-104.5166667	285-288	215	Rio Grande County	100	Denver County	91	Arapahoe County
Larimer County	40.6666667	-105.4666667	285-288	219	El Paso County	119	Denver County	146	Arapahoe County
Rio Grande County	37.5875000	-106.3888889	285-288	190	Delta County	131	La Plata County	229	Eagle County
Arapahoe County	39.6500000	-104.3833333	289-292	199	Eagle County	91	El Paso County	84	Morgan County
Baca County	37.3055555	-102.5286110	289-292	306	Arapahoe County	243	El Paso County	243	El Paso County
Eagle County	39.6333333	-106.7000000	289-292	199	Arapahoe County	132	Delta County	126	Boulder County
Boulder County	40.0833333	-105.3500000	293-296	132	Morgan County	96	Arapahoe County	90	Douglas County
El Paso County	38.8333333	-104.5166667	293-296	156	Boulder County	91	Arapahoe County	67	Douglas County
Morgan County	40.2666667	-103.8166667	293-296	132	Boulder County	84	Arapahoe County	139	Lincoln County
San Miguel County	38.0000000	-108.4000000	293-296	351	Boulder County	234	Eagle County	118	Mesa County
Alamosa County	37.6000000	-105.8000000	297-300	206	Douglas County	177	El Paso County		
Douglas County	39.3333333	-104.9500000	297-300	133	Lincoln County	67	El Paso County		
Lincoln County	39.0500000	-103.4500000	297-300	133	Douglas County	96	El Paso County		

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Mesa County	39.0660000	-108.3850000	297-300	279	Alamosa County	118	San Miguel County		
Prowers County	37.9666667	-102.4000000	297-300	151	Lincoln County	208	El Paso County		
Cheyenne County	38.8097222	-102.5763888	321-324	199	Las Animas County			180	Pueblo County
Jefferson County	39.6333333	-105.2666667	321-324	127	Weld County			27	Denver County
La Plata County	37.2833333	-107.8166667	321-324	132	Montrose County			146	Conejos County
Las Animas County	37.4166667	-104.0000000	321-324	199	Cheyenne County			95	Pueblo County
Moffat County	40.5666667	-108.1333333	321-324	239	Montrose County			183	Pitkin County
Montrose County	38.4166667	-108.2666667	321-324	132	La Plata County			145	Pitkin County
Phillips County	40.6000000	-102.3947222	321-324	181	Weld County			241	Denver County
Weld County	40.6333333	-104.5333333	321-324	127	Jefferson County			113	Denver County
Conejos County	37.1980555	-106.1711111	325-328	185	Pueblo County	146	La Plata County	126	Hinsdale County
Denver County	39.6666667	-104.9500000	325-328	170	Pueblo County	27	Jefferson County	27	Jefferson County
Pitkin County	39.2000000	-106.9333333	325-328	178	Denver County	145	Montrose County	144	Routt County
Pueblo County	38.1833333	-104.4833333	325-328	170	Denver County	95	Las Animas County	175	Jefferson County
Baca County	37.3055555	-102.5286110	329-332	347	Morgan County	198	Pueblo County	243	El Paso County
Hinsdale County	37.8500000	-107.3333333	329-332	267	Jefferson County	126	Conejos County	95	San Miguel County
Jefferson County	39.6333333	-105.2666667	329-332	142	Morgan County	27	Denver County	103	Lake County
Morgan County	40.2666667	-103.8166667	329-332	142	Jefferson County	118	Denver County	142	Sedgwick County
Routt County	40.5000000	-107.0000000	329-332	176	Jefferson County	144	Pitkin County	131	Larimer County
El Paso County	38.8333333	-104.5166667	333-336	163	Lake County	110	Jefferson County	115	Adams County
Lake County	39.2166667	-106.3333333	333-336	163	El Paso County	103	Jefferson County	178	Mesa County
Larimer County	40.6666667	-105.4666667	333-336	177	Lake County	116	Jefferson County	128	Adams County
San Miguel County	38.0000000	-108.4000000	333-336	225	Lake County	95	Hinsdale County	118	Mesa County
Sedgwick County	40.8655555	-102.3388888	333-336	265	Larimer County	142	Morgan County	206	Adams County
Adams County	39.8666667	-104.3833333	337-340	356	Mesa County	115	El Paso County	77	Douglas County
Mesa County	39.0660000	-108.3850000	337-340	356	Adams County	118	San Miguel County	159	San Juan County
Alamosa County	37.6000000	-105.8000000	341-344	166	San Juan County	279	Mesa County	104	Fremont County
Douglas County	39.3333333	-104.9500000	341-344	192	Otero County	77	Adams County	90	Boulder County
Otero County	37.9000000	-103.7166667	341-344	187	Alamosa County	226	Adams County	161	Fremont County
San Juan County	37.7500000	-107.6666667	341-344	166	Alamosa County	159	Mesa County	85	Archuleta County
Archuleta County	37.1937778	-107.0031944	345-348	201	Fremont County	85	San Juan County	126	Ouray County
Boulder County	40.0833333	-105.3500000	345-348	178	Fremont County	90	Douglas County	58	Denver County
Fremont County	38.4833333	-105.4000000	345-348	178	Boulder County	102	Douglas County	137	Denver County
Logan County	40.7166667	-103.1166667	345-348	202	Boulder County	219	Douglas County	187	Lincoln County
Denver County	39.6666667	-104.9500000	349-352	146	Lincoln County	58	Boulder County	91	Teller County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Eagle County	39.6333333	-106.7000000	349-352	150	Denver County	126	Boulder County	132	Delta County
Lincoln County	39.0500000	-103.4500000	349-352	146	Denver County	181	Fremont County	136	Yuma County
Ouray County	38.1500000	-107.7666667	349-352	189	Eagle County	126	Archuleta County	78	Delta County
Costilla County	37.2961111	-105.4383333	353-356	176	Teller County	226	Ouray County	137	Mineral County
Delta County	38.8500000	-107.8500000	353-356	178	Montezuma County	78	Ouray County	78	Garfield County
Montezuma County	37.3594444	-108.6072222	353-356	178	Delta County	115	Ouray County	153	Mineral County
Teller County	38.8666667	-105.1666667	353-356	176	Costilla County	91	Denver County	110	Arapahoe County
Yuma County	39.9833333	-102.4333333	353-356	266	Teller County	136	Lincoln County	171	Arapahoe County
Arapahoe County	39.6500000	-104.3833333	357-360	153	Crowley County	110	Teller County	76	Jefferson County
Crowley County	38.3500000	-103.7833333	357-360	153	Arapahoe County	133	Teller County	105	Las Animas County
Garfield County	39.5500000	-107.8333333	357-360	224	Mineral County	78	Delta County	221	Jefferson County
Mineral County	37.6666667	-106.9166667	357-360	224	Garfield County	137	Costilla County	259	Las Animas County
Jefferson County	39.6333333	-105.2666667	361-364	127	Weld County	76	Arapahoe County	110	El Paso County
Kit Carson County	39.3000000	-102.5666667	361-364	224	Weld County	149	Crowley County	177	El Paso County
Las Animas County	37.4166667	-104.0000000	361-364	244	Kit Carson County	105	Crowley County	164	El Paso County
Weld County	40.6333333	-104.5333333	361-364	127	Jefferson County	110	Arapahoe County	152	Jackson County
Dolores County	37.7666667	-108.5166667	365-368	211	Pitkin County	351	Jefferson County	202	Saguache County
El Paso County	38.8333333	-104.5166667	365-368	213	Pitkin County	110	Jefferson County	110	Jefferson County
Jackson County	40.6666667	-106.3333333	365-368	171	Pitkin County	146	Jefferson County	146	Jefferson County
Pitkin County	39.2000000	-106.9333333	365-368	171	Jackson County	151	Jefferson County	137	Saguache County
Jefferson County	39.6333333	-105.2666667	369-372	181	Washington County	110	El Paso County	103	Lake County
Prowers County	37.9666667	-102.4000000	369-372	233	Washington County	208	El Paso County	184	Pueblo County
Saguache County	38.0833333	-106.2500000	369-372	192	Jefferson County	137	Pitkin County	126	Lake County
Washington County	39.9666667	-103.2000000	369-372	181	Jefferson County	169	El Paso County	208	Larimer County
Lake County	39.2166667	-106.3333333	373-376	177	Larimer County	103	Jefferson County	103	Jefferson County
Larimer County	40.6666667	-105.4666667	373-376	177	Lake County	116	Jefferson County	116	Jefferson County
Montrose County	38.4166667	-108.2666667	373-376	190	Lake County	180	Saguache County	103	Hinsdale County
Pueblo County	38.1833333	-104.4833333	373-376	198	Lake County	155	Saguache County	175	Jefferson County
Hinsdale County	37.8500000	-107.3333333	377-380	267	Jefferson County	103	Montrose County	88	Rio Grande County
Jefferson County	39.6333333	-105.2666667	377-380	176	Routt County	103	Lake County	111	Elbert County
Routt County	40.5000000	-107.0000000	377-380	176	Jefferson County	131	Larimer County	199	Mesa County
Sedgwick County	40.8655555	-102.3388888	377-380	284	Jefferson County	265	Larimer County	227	Elbert County
Elbert County	39.3000000	-104.0500000	381-384	158	Otero County	111	Jefferson County	109	Morgan County
Mesa County	39.0660000	-108.3850000	381-384	240	Rio Grande County	163	Hinsdale County	204	La Plata County
Otero County	37.9000000	-103.7166667	381-384	158	Elbert County	235	Jefferson County	108	Huerfano County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Rio Grande County	37.5875000	-106.3888889	381-384	238	Otero County	88	Hinsdale County	131	Huerfano County
Huerfano County	37.6872222	-104.9083333	385-388	179	Park County	108	Otero County	212	Gunnison County
La Plata County	37.2833333	-107.8166667	385-388	261	Huerfano County	131	Rio Grande County	173	Gunnison County
Morgan County	40.2666667	-103.8166667	385-388	208	Park County	109	Elbert County	84	Arapahoe County
Park County	39.1500000	-105.7666667	385-388	179	Huerfano County	149	Elbert County	116	Gunnison County
Arapahoe County	39.6500000	-104.3833333	389-392	247	Gunnison County	84	Morgan County	91	El Paso County
Baca County	37.3055555	-102.5286110	389-392	306	Arapahoe County	215	Huerfano County	243	El Paso County
Gunnison County	38.6927777	-106.9633333	389-392	247	Arapahoe County	116	Park County	170	Grand County
Costilla County	37.2961111	-105.4383333	393-396	189	El Paso County	205	Gunnison County	89	Custer County
El Paso County	38.8333333	-104.5166667	393-396	189	Costilla County	91	Arapahoe County	109	Custer County
Grand County	40.0666667	-106.0833333	393-396	192	El Paso County	153	Arapahoe County	147	Adams County
Montezuma County	37.3594444	-108.6072222	393-396	281	Costilla County	207	Gunnison County	115	Ouray County
Phillips County	40.6000000	-102.3947222	393-396	268	El Paso County	200	Arapahoe County	188	Adams County
Adams County	39.8666667	-104.3833333	397-400	213	Custer County	115	El Paso County	97	Gilpin County
Custer County	38.0969444	-105.3372222	397-400	213	Adams County	89	Costilla County	140	Las Animas County
Garfield County	39.5500000	-107.8333333	397-400	156	Ouray County	160	Grand County	201	Gilpin County
Ouray County	38.1500000	-107.7666667	397-400	156	Garfield County	115	Montezuma County	126	Archuleta County
Archuleta County	37.1937778	-107.0031944	401-404	267	Las Animas County	126	Ouray County	85	San Juan County
Gilpin County	39.8500000	-105.5166667	401-404	301	Las Animas County	97	Adams County	53	Denver County
Las Animas County	37.4166667	-104.0000000	401-404	267	Archuleta County	140	Custer County	95	Pueblo County
Alamosa County	37.6000000	-105.8000000	405-408	133	Pueblo County	116	Archuleta County	239	Eagle County
Delta County	38.8500000	-107.8500000	405-408	123	San Juan County	198	Archuleta County	132	Eagle County
Denver County	39.6666667	-104.9500000	405-408	113	Weld County	53	Gilpin County	49	Arapahoe County
Moffat County	40.5666667	-108.1333333	405-408	192	Delta County	237	Gilpin County	160	Eagle County
Pueblo County	38.1833333	-104.4833333	405-408	133	Alamosa County	95	Las Animas County	163	Arapahoe County
San Juan County	37.7500000	-107.6666667	405-408	123	Delta County	85	Archuleta County	225	Eagle County
Weld County	40.6333333	-104.5333333	405-408	113	Denver County	121	Gilpin County	110	Arapahoe County
Arapahoe County	39.6500000	-104.3833333	409-412	107	Washington County	49	Denver County	96	Boulder County
Eagle County	39.6333333	-106.7000000	409-412	199	Arapahoe County	132	Delta County	106	Chaffee County
Washington County	39.9666667	-103.2000000	409-412	107	Arapahoe County	135	Weld County	184	Boulder County
Boulder County	40.0833333	-105.3500000	413-416	163	Chaffee County	96	Arapahoe County	90	Douglas County
Chaffee County	38.7666667	-106.1833333	413-416	163	Boulder County	106	Eagle County	124	Douglas County
Conejos County	37.1980555	-106.1711111	413-416	174	Chaffee County	274	Eagle County	185	Pueblo County
Dolores County	37.7666667	-108.5166667	413-416	217	Conejos County	261	Eagle County	331	Routt County
Prowers County	37.9666667	-102.4000000	413-416	342	Chaffee County	233	Washington County	184	Pueblo County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Douglas County	39.3333333	-104.9500000	417-420	134	Pueblo County	90	Boulder County	37	Denver County
Pueblo County	38.1833333	-104.4833333	417-420	134	Douglas County	162	Chaffee County	155	Saguache County
Routt County	40.5000000	-107.0000000	417-420	218	Douglas County	148	Boulder County	175	Clear Creek County
Clear Creek County	41.6938888	-105.6350000	421-424	232	Denver County	175	Routt County	115	Larimer County
Denver County	39.6666667	-104.9500000	421-424	195	Logan County	37	Douglas County	87	Elbert County
Logan County	40.7166667	-103.1166667	421-424	195	Denver County	219	Douglas County	176	Elbert County
Mesa County	39.0660000	-108.3850000	421-424	216	Saguache County	199	Routt County	118	San Miguel County
Saguache County	38.0833333	-106.2500000	421-424	209	Denver County	155	Pueblo County	189	San Miguel County
Elbert County	39.3000000	-104.0500000	425-428	158	Otero County	87	Denver County	111	Jefferson County
Larimer County	40.6666667	-105.4666667	425-428	194	Elbert County	115	Clear Creek County	116	Jefferson County
Otero County	37.9000000	-103.7166667	425-428	158	Elbert County	223	Denver County	235	Jefferson County
San Miguel County	38.0000000	-108.4000000	425-428	389	Larimer County	118	Mesa County	183	Rio Grande County
Jefferson County	39.6333333	-105.2666667	429-432	151	Pitkin County	111	Elbert County	110	El Paso County
Pitkin County	39.2000000	-106.9333333	429-432	151	Jefferson County	185	San Miguel County	128	Rio Blanco County
Rio Grande County	37.5875000	-106.3888889	429-432	185	Pitkin County	183	San Miguel County	131	La Plata County
Baca County	37.3055555	-102.5286110	433-436	221	Kit Carson County	343	Rio Grande County	128	Kiowa County
El Paso County	38.8333333	-104.5166667	433-436	177	Kit Carson County	110	Jefferson County	115	Adams County
Kit Carson County	39.3000000	-102.5666667	433-436	177	El Paso County	235	Jefferson County	99	Kiowa County
La Plata County	37.2833333	-107.8166667	433-436	132	Montrose County	131	Rio Grande County	261	Huerfano County
Montrose County	38.4166667	-108.2666667	433-436	132	La Plata County	145	Pitkin County	306	Huerfano County
Rio Blanco County	40.0000000	-108.0000000	433-436	177	Montrose County	128	Pitkin County	310	Adams County
Adams County	39.8666667	-104.3833333	437-440	209	Kiowa County	115	El Paso County	97	Gilpin County
Huerfano County	37.6872222	-104.9083333	437-440	201	Kiowa County	132	El Paso County	133	Teller County
Kiowa County	38.4333333	-102.8166667	437-440	201	Huerfano County	99	Kit Carson County	210	Teller County
Gilpin County	39.8500000	-105.5166667	441-444	113	Teller County	97	Adams County	53	Denver County
Hinsdale County	37.8500000	-107.3333333	441-444	220	Teller County	214	Huerfano County	120	Delta County
Sedgwick County	40.8655555	-102.3388888	441-444	293	Gilpin County	206	Adams County	124	Washington County
Teller County	38.8666667	-105.1666667	441-444	113	Gilpin County	130	Adams County	91	Denver County
Delta County	38.8500000	-107.8500000	445-448	137	Lake County	120	Hinsdale County	78	Garfield County
Denver County	39.6666667	-104.9500000	445-448	129	Lake County	53	Gilpin County	100	El Paso County
Lake County	39.2166667	-106.3333333	445-448	129	Denver County	99	Gilpin County	134	Garfield County
Las Animas County	37.4166667	-104.0000000	445-448	263	Denver County	191	Teller County	164	El Paso County
Moffat County	40.5666667	-108.1333333	445-448	192	Delta County	237	Gilpin County	116	Garfield County
Washington County	39.9666667	-103.2000000	445-448	153	Denver County	124	Sedgwick County	169	El Paso County
Archuleta County	37.1937778	-107.0031944	449-452	271	Garfield County	198	Delta County	85	San Juan County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
El Paso County	38.8333333	-104.5166667	449-452	284	Archuleta County	100	Denver County	114	Park County
Garfield County	39.5500000	-107.8333333	449-452	271	Archuleta County	78	Delta County	184	Park County
Park County	39.1500000	-105.7666667	453-456	227	San Juan County	114	El Paso County	116	Gunnison County
Prowers County	37.9666667	-102.4000000	453-456	322	Park County	208	El Paso County	128	Crowley County
San Juan County	37.7500000	-107.6666667	453-456	227	Park County	85	Archuleta County	121	Gunnison County
Arapahoe County	39.6500000	-104.3833333	457-460	153	Crowley County	131	Park County	49	Denver County
Conejos County	37.1980555	-106.1711111	457-460	180	Gunnison County	146	San Juan County	294	Denver County
Crowley County	38.3500000	-103.7833333	457-460	153	Arapahoe County	128	Prowers County	178	Denver County
Gunnison County	38.6927777	-106.9633333	457-460	180	Conejos County	116	Park County	205	Denver County
Routt County	40.5000000	-107.0000000	457-460	201	Gunnison County	183	Park County	175	Clear Creek County
Clear Creek County	41.6938888	-105.6350000	461-464	232	Denver County	175	Routt County	202	Broomfield County
Denver County	39.6666667	-104.9500000	461-464	195	Logan County	49	Arapahoe County	31	Broomfield County
Logan County	40.7166667	-103.1166667	461-464	195	Denver County	160	Arapahoe County	186	Broomfield County
Broomfield County	39.9333333	-105.0500000	465-468	145	Eagle County	31	Denver County	67	Douglas County
Eagle County	39.6333333	-106.7000000	465-468	145	Broomfield County	150	Denver County	154	Douglas County
Lincoln County	39.0500000	-103.4500000	465-468	169	Broomfield County	146	Denver County	130	Otero County
San Miguel County	38.0000000	-108.4000000	465-468	234	Eagle County	352	Denver County	73	Montezuma County
Douglas County	39.3333333	-104.9500000	469-472	192	Otero County	67	Broomfield County	67	El Paso County
Mesa County	39.0660000	-108.3850000	469-472	190	Montezuma County	118	San Miguel County	194	Chaffee County
Montezuma County	37.3594444	-108.6072222	469-472	190	Mesa County	73	San Miguel County	264	Chaffee County
Otero County	37.9000000	-103.7166667	469-472	192	Douglas County	130	Lincoln County	124	Baca County
Phillips County	40.6000000	-102.3947222	469-472	260	Douglas County	194	Lincoln County	199	Cheyenne County
Rio Grande County	37.5875000	-106.3888889	469-472	198	Montezuma County	183	San Miguel County	132	Chaffee County
Baca County	37.3055555	-102.5286110	473-476	167	Cheyenne County	124	Otero County	198	Pueblo County
Chaffee County	38.7666667	-106.1833333	473-476	145	El Paso County	124	Douglas County	125	Jefferson County
Cheyenne County	38.8097222	-102.5763888	473-476	167	Baca County	142	Otero County	131	Yuma County
El Paso County	38.8333333	-104.5166667	473-476	145	Chaffee County	67	Douglas County	66	Elbert County
Larimer County	40.6666667	-105.4666667	473-476	219	El Paso County	154	Douglas County	116	Jefferson County
Elbert County	39.3000000	-104.0500000	477-480	111	Jefferson County	66	El Paso County	66	El Paso County
Jefferson County	39.6333333	-105.2666667	477-480	111	Elbert County	110	El Paso County	110	El Paso County
Montrose County	38.4166667	-108.2666667	477-480	293	Jefferson County	186	Chaffee County	73	Mesa County
Pueblo County	38.1833333	-104.4833333	477-480	130	Elbert County	72	El Paso County	72	El Paso County
Yuma County	39.9833333	-102.4333333	477-480	158	Elbert County	131	Cheyenne County	69	Phillips County
El Paso County	38.8333333	-104.5166667	481-484	200	Weld County	66	Elbert County	91	Arapahoe County
La Plata County	37.2833333	-107.8166667	481-484	204	Mesa County	132	Montrose County	95	San Miguel County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Mesa County	39.0660000	-108.3850000	481-484	204	La Plata County	73	Montrose County	118	San Miguel County
Phillips County	40.6000000	-102.3947222	481-484	181	Weld County	69	Yuma County	200	Arapahoe County
Weld County	40.6333333	-104.5333333	481-484	181	Phillips County	127	Jefferson County	110	Arapahoe County
Arapahoe County	39.6500000	-104.3833333	485-488	191	Custer County	91	El Paso County	96	Boulder County
Custer County	38.0969444	-105.3372222	485-488	191	Arapahoe County	109	El Paso County	124	Conejos County
Eagle County	39.6333333	-106.7000000	485-488	199	Arapahoe County	158	Mesa County	107	Gunnison County
Prowers County	37.9666667	-102.4000000	485-488	254	Arapahoe County	208	El Paso County	344	Conejos County
San Miguel County	38.0000000	-108.4000000	485-488	234	Eagle County	95	La Plata County	147	Gunnison County
Boulder County	40.0833333	-105.3500000	489-492	208	Gunnison County	96	Arapahoe County	58	Denver County
Conejos County	37.1980555	-106.1711111	489-492	180	Gunnison County	124	Custer County	146	San Juan County
Gunnison County	38.6927777	-106.9633333	489-492	180	Conejos County	107	Eagle County	121	San Juan County
Moffat County	40.5666667	-108.1333333	489-492	231	Gunnison County	160	Eagle County	289	Denver County
Crowley County	38.3500000	-103.7833333	493-496	149	Kit Carson County	235	Boulder County	105	Las Animas County
Denver County	39.6666667	-104.9500000	493-496	178	Crowley County	58	Boulder County	27	Jefferson County
Kit Carson County	39.3000000	-102.5666667	493-496	149	Crowley County	254	Boulder County	235	Jefferson County
Logan County	40.7166667	-103.1166667	493-496	164	Kit Carson County	202	Boulder County	219	Jefferson County
San Juan County	37.7500000	-107.6666667	493-496	318	Denver County	121	Gunnison County	173	Pitkin County
Jefferson County	39.6333333	-105.2666667	497-500	151	Pitkin County	27	Denver County	43	Douglas County
Las Animas County	37.4166667	-104.0000000	497-500	270	Jefferson County	105	Crowley County	160	Alamosa County
Pitkin County	39.2000000	-106.9333333	497-500	151	Jefferson County	173	San Juan County	128	Rio Blanco County
Alamosa County	37.6000000	-105.8000000	501-504	206	Douglas County	160	Las Animas County	104	Fremont County
Douglas County	39.3333333	-104.9500000	501-504	206	Alamosa County	43	Jefferson County	77	Adams County
Montrose County	38.4166667	-108.2666667	501-504	177	Rio Blanco County	145	Pitkin County	250	Fremont County
Rio Blanco County	40.0000000	-108.0000000	501-504	177	Montrose County	128	Pitkin County	160	Jackson County
Adams County	39.8666667	-104.3833333	505-508	167	Yuma County	77	Douglas County	69	Elbert County
Fremont County	38.4833333	-105.4000000	505-508	177	Adams County	102	Douglas County	115	Lake County
Jackson County	40.6666667	-106.3333333	505-508	188	Adams County	160	Rio Blanco County	161	Lake County
Yuma County	39.9833333	-102.4333333	505-508	167	Adams County	228	Douglas County	158	Elbert County
Delta County	38.8500000	-107.8500000	509-512	137	Lake County	217	Fremont County	78	Garfield County
Elbert County	39.3000000	-104.0500000	509-512	158	Otero County	69	Adams County	111	Jefferson County
Lake County	39.2166667	-106.3333333	509-512	137	Delta County	115	Fremont County	103	Jefferson County
Otero County	37.9000000	-103.7166667	509-512	158	Elbert County	161	Fremont County	108	Huerfano County
Rio Grande County	37.5875000	-106.3888889	509-512	181	Lake County	132	Fremont County	88	Hinsdale County
Baca County	37.3055555	-102.5286110	513-516	167	Cheyenne County	124	Otero County	306	Arapahoe County
Cheyenne County	38.8097222	-102.5763888	513-516	167	Baca County	139	Elbert County	182	Arapahoe County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Garfield County	39.5500000	-107.8333333	513-516	194	Hinsdale County	78	Delta County	237	Larimer County
Hinsdale County	37.8500000	-107.3333333	513-516	194	Garfield County	88	Rio Grande County	325	Arapahoe County
Huerfano County	37.6872222	-104.9083333	513-516	214	Hinsdale County	108	Otero County	223	Arapahoe County
Jefferson County	39.6333333	-105.2666667	513-516	218	Huerfano County	103	Lake County	76	Arapahoe County
Arapahoe County	39.6500000	-104.3833333	517-520	146	Larimer County	76	Jefferson County	163	Pueblo County
Larimer County	40.6666667	-105.4666667	517-520	146	Arapahoe County	116	Jefferson County	115	Clear Creek County
Bent County	37.9666667	-103.0666667	521-524	127	Pueblo County	219	Arapahoe County	278	Broomfield County
Clear Creek County	41.6938888	-105.6350000	521-524	402	Pueblo County	115	Larimer County	202	Broomfield County
Dolores County	37.7666667	-108.5166667	521-524	142	Mineral County	416	Arapahoe County	78	Ouray County
Mineral County	37.6666667	-106.9166667	521-524	142	Dolores County	312	Arapahoe County	92	Ouray County
Pueblo County	38.1833333	-104.4833333	521-524	127	Bent County	163	Arapahoe County	162	Chaffee County
Broomfield County	39.9333333	-105.0500000	525-528	162	Chaffee County	200	Pueblo County	65	Arapahoe County
Chaffee County	38.7666667	-106.1833333	525-528	154	Ouray County	138	Mineral County	105	Custer County
Ouray County	38.1500000	-107.7666667	525-528	154	Chaffee County	78	Dolores County	189	Eagle County
Arapahoe County	39.6500000	-104.3833333	529-532	191	Custer County	65	Broomfield County	49	Denver County
Custer County	38.0969444	-105.3372222	529-532	191	Arapahoe County	105	Chaffee County	75	Pueblo County
Eagle County	39.6333333	-106.7000000	529-532	199	Arapahoe County	106	Chaffee County	150	Denver County
Kiowa County	38.4333333	-102.8166667	529-532	191	Arapahoe County	255	Broomfield County	148	Pueblo County
Phillips County	40.6000000	-102.3947222	529-532	200	Arapahoe County	238	Broomfield County	241	Denver County
Costilla County	37.2961111	-105.4383333	533-536	130	Pueblo County	89	Custer County	139	Archuleta County
Denver County	39.6666667	-104.9500000	533-536	170	Pueblo County	49	Arapahoe County	53	Adams County
Moffat County	40.5666667	-108.1333333	533-536	289	Denver County	160	Eagle County	317	Teller County
Pueblo County	38.1833333	-104.4833333	533-536	130	Costilla County	75	Custer County	96	Teller County
San Juan County	37.7500000	-107.6666667	533-536	203	Costilla County	208	Custer County	85	Archuleta County
Adams County	39.8666667	-104.3833333	537-540	130	Teller County	53	Denver County	53	Denver County
Archuleta County	37.1937778	-107.0031944	537-540	246	Teller County	85	San Juan County	119	Saguache County
Prowers County	37.9666667	-102.4000000	537-540	261	Teller County	184	Pueblo County	128	Crowley County
Sedgwick County	40.8655555	-102.3388888	537-540	206	Adams County	259	Denver County	175	Kit Carson County
Teller County	38.8666667	-105.1666667	537-540	130	Adams County	91	Denver County	91	Denver County
Crowley County	38.3500000	-103.7833333	541-544	149	Kit Carson County	128	Prowers County	83	El Paso County
Denver County	39.6666667	-104.9500000	541-544	113	Weld County	53	Adams County	100	El Paso County
Kit Carson County	39.3000000	-102.5666667	541-544	149	Crowley County	149	Prowers County	177	El Paso County
Mesa County	39.0660000	-108.3850000	541-544	190	Montezuma County	241	Archuleta County	118	San Miguel County
Montezuma County	37.3594444	-108.6072222	541-544	190	Mesa County	143	Archuleta County	73	San Miguel County
Saguache County	38.0833333	-106.2500000	541-544	209	Denver County	119	Archuleta County	173	El Paso County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Weld County	40.6333333	-104.5333333	541-544	113	Denver County	86	Adams County	146	Grand County
El Paso County	38.8333333	-104.5166667	545-548	164	Las Animas County	83	Crowley County	96	Lincoln County
Grand County	40.0666667	-106.0833333	545-548	192	El Paso County	107	Denver County	97	Lake County
Las Animas County	37.4166667	-104.0000000	545-548	164	El Paso County	105	Crowley County	188	Lincoln County
San Miguel County	38.0000000	-108.4000000	545-548	305	Grand County	73	Montezuma County	95	La Plata County
Denver County	39.6666667	-104.9500000	549-552	129	Lake County	100	El Paso County	53	Gilpin County
La Plata County	37.2833333	-107.8166667	549-552	251	Lake County	95	San Miguel County	174	Delta County
Lake County	39.2166667	-106.3333333	549-552	129	Denver County	97	Grand County	99	Gilpin County
Lincoln County	39.0500000	-103.4500000	549-552	146	Denver County	96	El Paso County	130	Otero County
Delta County	38.8500000	-107.8500000	553-556	217	Fremont County	137	Lake County	120	Hinsdale County
Fremont County	38.4833333	-105.4000000	553-556	152	Gilpin County	115	Lake County	104	Alamosa County
Gilpin County	39.8500000	-105.5166667	553-556	152	Fremont County	53	Denver County	97	Adams County
Otero County	37.9000000	-103.7166667	553-556	161	Fremont County	130	Lincoln County	187	Alamosa County
Yuma County	39.9833333	-102.4333333	553-556	257	Otero County	136	Lincoln County	167	Adams County
Adams County	39.8666667	-104.3833333	557-560	280	Alamosa County	97	Gilpin County	77	Douglas County
Alamosa County	37.6000000	-105.8000000	557-560	138	Hinsdale County	104	Fremont County	206	Douglas County
Hinsdale County	37.8500000	-107.3333333	557-560	138	Alamosa County	120	Delta County	194	Garfield County
Douglas County	39.3333333	-104.9500000	561-564	219	Logan County	77	Adams County	67	Broomfield County
Garfield County	39.5500000	-107.8333333	561-564	249	Douglas County	194	Hinsdale County	178	Jackson County
Logan County	40.7166667	-103.1166667	561-564	219	Douglas County	143	Adams County	186	Broomfield County
Broomfield County	39.9333333	-105.0500000	565-568	130	El Paso County	67	Douglas County	65	Arapahoe County
Dolores County	37.7666667	-108.5166667	565-568	142	Mineral County	207	Garfield County	75	Montrose County
El Paso County	38.8333333	-104.5166667	565-568	130	Broomfield County	67	Douglas County	91	Arapahoe County
Jackson County	40.6666667	-106.3333333	565-568	136	Broomfield County	178	Garfield County	201	Arapahoe County
Mineral County	37.6666667	-106.9166667	565-568	142	Dolores County	224	Garfield County	145	Montrose County
Arapahoe County	39.6500000	-104.3833333	569-572	182	Cheyenne County	65	Broomfield County	91	El Paso County
Cheyenne County	38.8097222	-102.5763888	569-572	182	Arapahoe County	169	El Paso County	103	Bent County
Montrose County	38.4166667	-108.2666667	569-572	363	Arapahoe County	75	Dolores County	145	Pitkin County
Bent County	37.9666667	-103.0666667	573-576	159	El Paso County	103	Cheyenne County	165	Huerfano County
Conejos County	37.1980555	-106.1711111	573-576	232	El Paso County	229	Montrose County	124	Huerfano County
El Paso County	38.8333333	-104.5166667	573-576	159	Bent County	91	Arapahoe County	110	Jefferson County
Larimer County	40.6666667	-105.4666667	573-576	206	Pitkin County	146	Arapahoe County	116	Jefferson County
Pitkin County	39.2000000	-106.9333333	573-576	206	Larimer County	145	Montrose County	128	Rio Blanco County
Huerfano County	37.6872222	-104.9083333	577-580	218	Jefferson County	124	Conejos County	193	Archuleta County
Jefferson County	39.6333333	-105.2666667	577-580	218	Huerfano County	110	El Paso County	76	Arapahoe County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Rio Blanco County	40.0000000	-108.0000000	577-580	238	Jefferson County	128	Pitkin County	119	Eagle County
Arapahoe County	39.6500000	-104.3833333	581-584	199	Eagle County	76	Jefferson County	96	Boulder County
Archuleta County	37.1937778	-107.0031944	581-584	272	Eagle County	193	Huerfano County	139	Costilla County
Baca County	37.3055555	-102.5286110	581-584	306	Arapahoe County	215	Huerfano County	160	Crowley County
Eagle County	39.6333333	-106.7000000	581-584	199	Arapahoe County	119	Rio Blanco County	106	Chaffee County
Phillips County	40.6000000	-102.3947222	581-584	200	Arapahoe County	267	Jefferson County	258	Boulder County
Boulder County	40.0833333	-105.3500000	585-588	163	Chaffee County	96	Arapahoe County	58	Denver County
Chaffee County	38.7666667	-106.1833333	585-588	163	Boulder County	106	Eagle County	132	Rio Grande County
Costilla County	37.2961111	-105.4383333	585-588	176	Chaffee County	139	Archuleta County	90	Rio Grande County
Crowley County	38.3500000	-103.7833333	585-588	187	Costilla County	153	Arapahoe County	128	Prowers County
Moffat County	40.5666667	-108.1333333	585-588	243	Boulder County	160	Eagle County	289	Denver County
Montezuma County	37.3594444	-108.6072222	585-588	264	Chaffee County	143	Archuleta County	198	Rio Grande County
Denver County	39.6666667	-104.9500000	589-592	153	Washington County	58	Boulder County	91	Teller County
Prowers County	37.9666667	-102.4000000	589-592	233	Washington County	128	Crowley County	261	Teller County
Rio Grande County	37.5875000	-106.3888889	589-592	263	Denver County	90	Costilla County	131	La Plata County
Washington County	39.9666667	-103.2000000	589-592	153	Denver County	184	Boulder County	124	Sedgwick County
Grand County	40.0666667	-106.0833333	593-596	155	Teller County	107	Denver County	147	Adams County
La Plata County	37.2833333	-107.8166667	593-596	204	Mesa County	131	Rio Grande County	95	San Miguel County
Mesa County	39.0660000	-108.3850000	593-596	204	La Plata County	240	Rio Grande County	118	San Miguel County
Sedgwick County	40.8655555	-102.3388888	593-596	328	Teller County	124	Washington County	206	Adams County
Teller County	38.8666667	-105.1666667	593-596	155	Grand County	91	Denver County	130	Adams County
Adams County	39.8666667	-104.3833333	597-600	226	Otero County	130	Teller County	77	Douglas County
Alamosa County	37.6000000	-105.8000000	597-600	187	Otero County	151	Teller County	158	Gunnison County
Otero County	37.9000000	-103.7166667	597-600	187	Alamosa County	166	Teller County	192	Douglas County
San Miguel County	38.0000000	-108.4000000	597-600	233	Alamosa County	95	La Plata County	147	Gunnison County
Douglas County	39.3333333	-104.9500000	601-604	188	Gunnison County	77	Adams County	67	Broomfield County
Gunnison County	38.6927777	-106.9633333	601-604	188	Douglas County	147	San Miguel County	121	San Juan County
Logan County	40.7166667	-103.1166667	601-604	219	Douglas County	143	Adams County	186	Broomfield County
Broomfield County	39.9333333	-105.0500000	605-608	294	Las Animas County	67	Douglas County	65	Arapahoe County
Las Animas County	37.4166667	-104.0000000	605-608	294	Broomfield County	228	Douglas County	212	Saguache County
San Juan County	37.7500000	-107.6666667	605-608	326	Las Animas County	121	Gunnison County	130	Saguache County
Arapahoe County	39.6500000	-104.3833333	609-612	238	Saguache County	65	Broomfield County	140	Summit County
Garfield County	39.5500000	-107.8333333	609-612	213	Saguache County	200	San Juan County	78	Delta County
Saguache County	38.0833333	-106.2500000	609-612	213	Garfield County	130	San Juan County	99	Conejos County
Conejos County	37.1980555	-106.1711111	613-616	235	Delta County	99	Saguache County	185	Pueblo County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Delta County	38.8500000	-107.8500000	613-616	179	Summit County	78	Garfield County	239	Jefferson County
Kit Carson County	39.3000000	-102.5666667	613-616	290	Larimer County	161	Arapahoe County	154	Bent County
Larimer County	40.6666667	-105.4666667	613-616	127	Summit County	146	Arapahoe County	116	Jefferson County
Summit County	39.6000000	-106.0166667	613-616	127	Larimer County	140	Arapahoe County	65	Jefferson County
Bent County	37.9666667	-103.0666667	617-620	127	Pueblo County	154	Kit Carson County	171	Elbert County
Jefferson County	39.6333333	-105.2666667	617-620	175	Pueblo County	65	Summit County	111	Elbert County
Pueblo County	38.1833333	-104.4833333	617-620	127	Bent County	185	Conejos County	130	Elbert County
Archuleta County	37.1937778	-107.0031944	621-624	272	Eagle County	248	Pueblo County	143	Montezuma County
Eagle County	39.6333333	-106.7000000	621-624	231	Elbert County	123	Jefferson County	126	Boulder County
Elbert County	39.3000000	-104.0500000	621-624	158	Yuma County	111	Jefferson County	108	Teller County
Yuma County	39.9833333	-102.4333333	621-624	158	Elbert County	231	Bent County	249	Boulder County
Boulder County	40.0833333	-105.3500000	625-628	136	Teller County	126	Eagle County	58	Denver County
Montezuma County	37.3594444	-108.6072222	625-628	345	Teller County	143	Archuleta County	121	Montrose County
Teller County	38.8666667	-105.1666667	625-628	136	Boulder County	108	Elbert County	91	Denver County
Denver County	39.6666667	-104.9500000	629-632	153	Washington County	58	Boulder County	100	El Paso County
Huerfano County	37.6872222	-104.9083333	629-632	220	Denver County	133	Teller County	131	Rio Grande County
Montrose County	38.4166667	-108.2666667	629-632	177	Rio Blanco County	121	Montezuma County	75	Dolores County
Prowers County	37.9666667	-102.4000000	629-632	223	Huerfano County	261	Teller County	208	El Paso County
Rio Blanco County	40.0000000	-108.0000000	629-632	177	Montrose County	226	Boulder County	164	Grand County
Washington County	39.9666667	-103.2000000	629-632	153	Denver County	184	Boulder County	169	El Paso County
Dolores County	37.7666667	-108.5166667	633-636	189	Rio Grande County	75	Montrose County	145	Mesa County
El Paso County	38.8333333	-104.5166667	633-636	192	Grand County	100	Denver County	115	Adams County
Grand County	40.0666667	-106.0833333	633-636	192	El Paso County	107	Denver County	147	Adams County
Rio Grande County	37.5875000	-106.3888889	633-636	189	Dolores County	131	Huerfano County	238	Otero County
Adams County	39.8666667	-104.3833333	637-640	188	Phillips County	115	El Paso County		
Mesa County	39.0660000	-108.3850000	637-640	356	Adams County	145	Dolores County		
Otero County	37.9000000	-103.7166667	637-640	226	Adams County	125	El Paso County		
Phillips County	40.6000000	-102.3947222	637-640	188	Adams County	268	El Paso County		
Arapahoe County	39.6500000	-104.3833333	661-664	163	Pueblo County			49	Denver County
Bent County	37.9666667	-103.0666667	661-664	127	Pueblo County			231	Yuma County
Eagle County	39.6333333	-106.7000000	661-664	199	Arapahoe County			150	Denver County
Mineral County	37.6666667	-106.9166667	661-664	219	Eagle County			90	La Plata County
Pueblo County	38.1833333	-104.4833333	661-664	127	Bent County			170	Denver County
Denver County	39.6666667	-104.9500000	665-668	113	Weld County	49	Arapahoe County	91	Park County
La Plata County	37.2833333	-107.8166667	665-668	364	Denver County	90	Mineral County	132	Montrose County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Weld County	40.6333333	-104.5333333	665-668	113	Denver County	110	Arapahoe County	187	Sedgwick County
Yuma County	39.9833333	-102.4333333	665-668	193	Weld County	171	Arapahoe County	98	Sedgwick County
Huerfano County	37.6872222	-104.9083333	669-672	179	Park County	220	Denver County	123	Crowley County
Montrose County	38.4166667	-108.2666667	669-672	232	Park County	132	La Plata County	75	Dolores County
Park County	39.1500000	-105.7666667	669-672	179	Huerfano County	91	Denver County	69	Jefferson County
Prowers County	37.9666667	-102.4000000	669-672	223	Huerfano County	224	Yuma County	128	Crowley County
Sedgwick County	40.8655555	-102.3388888	669-672	322	Prowers County	98	Yuma County	284	Jefferson County
Conejos County	37.1980555	-106.1711111	673-676	217	Dolores County	124	Huerfano County	158	Fremont County
Crowley County	38.3500000	-103.7833333	673-676	192	Jefferson County	123	Huerfano County	105	Las Animas County
Dolores County	37.7666667	-108.5166667	673-676	217	Conejos County	75	Montrose County	145	Mesa County
Jefferson County	39.6333333	-105.2666667	673-676	192	Crowley County	69	Park County	85	Grand County
Fremont County	38.4833333	-105.4000000	677-680	171	Las Animas County	128	Jefferson County		
Grand County	40.0666667	-106.0833333	677-680	185	Fremont County	85	Jefferson County		
Las Animas County	37.4166667	-104.0000000	677-680	171	Fremont County	105	Crowley County		
Mesa County	39.0660000	-108.3850000	677-680	227	Grand County	145	Dolores County		
Adams County	39.8666667	-104.3833333	701-704	187	Pueblo County			80	Jefferson County
Archuleta County	37.1937778	-107.0031944	701-704	248	Pueblo County			166	Gunnison County
Bent County	37.9666667	-103.0666667	701-704	127	Pueblo County			154	Kit Carson County
Eagle County	39.6333333	-106.7000000	701-704	200	Adams County			107	Gunnison County
Pueblo County	38.1833333	-104.4833333	701-704	127	Bent County			175	Jefferson County
Gunnison County	38.6927777	-106.9633333	705-708	180	Jefferson County	107	Eagle County	133	Rio Grande County
Jefferson County	39.6333333	-105.2666667	705-708	180	Gunnison County	80	Adams County	110	El Paso County
Kit Carson County	39.3000000	-102.5666667	705-708	164	Logan County	154	Bent County	149	Prowers County
Logan County	40.7166667	-103.1166667	705-708	164	Kit Carson County	143	Adams County	199	Larimer County
El Paso County	38.8333333	-104.5166667	709-712	208	Prowers County	110	Jefferson County	110	Jefferson County
Larimer County	40.6666667	-105.4666667	709-712	219	El Paso County	116	Jefferson County	116	Jefferson County
Prowers County	37.9666667	-102.4000000	709-712	208	El Paso County	149	Kit Carson County	95	Cheyenne County
Rio Grande County	37.5875000	-106.3888889	709-712	183	San Miguel County	133	Gunnison County	131	Huerfano County
San Miguel County	38.0000000	-108.4000000	709-712	183	Rio Grande County	147	Gunnison County	95	La Plata County
Cheyenne County	38.8097222	-102.5763888	713-716	239	Huerfano County	95	Prowers County	131	Yuma County
Garfield County	39.5500000	-107.8333333	713-716	221	Jefferson County	179	San Miguel County	78	Delta County
Huerfano County	37.6872222	-104.9083333	713-716	218	Jefferson County	131	Rio Grande County	108	Otero County
Jefferson County	39.6333333	-105.2666667	713-716	218	Huerfano County	110	El Paso County	65	Summit County
La Plata County	37.2833333	-107.8166667	713-716	252	Garfield County	95	San Miguel County	90	Mineral County
Delta County	38.8500000	-107.8500000	717-720	155	Mineral County	78	Garfield County		

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Mineral County	37.6666667	-106.9166667	717-720	155	Delta County	90	La Plata County		
Moffat County	40.5666667	-108.1333333	717-720	192	Delta County	116	Garfield County		
Otero County	37.9000000	-103.7166667	717-720	257	Yuma County	108	Huerfano County		
Summit County	39.6000000	-106.0166667	717-720	179	Delta County	65	Jefferson County		
Yuma County	39.9833333	-102.4333333	717-720	257	Otero County	131	Cheyenne County		
Adams County	39.8666667	-104.3833333	741-744	187	Pueblo County			80	Jefferson County
Bent County	37.9666667	-103.0666667	741-744	127	Pueblo County			266	Jefferson County
Conejos County	37.1980555	-106.1711111	741-744	185	Pueblo County			282	Jefferson County
Mesa County	39.0660000	-108.3850000	741-744	284	Conejos County			276	Jefferson County
Pueblo County	38.1833333	-104.4833333	741-744	127	Bent County			175	Jefferson County
Jefferson County	39.6333333	-105.2666667	745-748	219	Logan County	80	Adams County	32	Gilpin County
Logan County	40.7166667	-103.1166667	745-748	219	Jefferson County	143	Adams County	226	Gilpin County
El Paso County	38.8333333	-104.5166667	749-752	142	Gilpin County	110	Jefferson County	110	Jefferson County
Gilpin County	39.8500000	-105.5166667	749-752	142	El Paso County	32	Jefferson County	32	Jefferson County
Montrose County	38.4166667	-108.2666667	749-752	286	Gilpin County	293	Jefferson County	131	Garfield County
Garfield County	39.5500000	-107.8333333	753-756	221	Jefferson County	131	Montrose County	78	Delta County
Huerfano County	37.6872222	-104.9083333	753-756	218	Jefferson County	132	El Paso County	98	Fremont County
Jefferson County	39.6333333	-105.2666667	753-756	218	Huerfano County	32	Gilpin County	80	Adams County
La Plata County	37.2833333	-107.8166667	753-756	252	Garfield County	132	Montrose County	174	Delta County
Prowers County	37.9666667	-102.4000000	753-756	223	Huerfano County	208	El Paso County	116	Otero County
Adams County	39.8666667	-104.3833333	757-760	128	Larimer County	80	Jefferson County		
Delta County	38.8500000	-107.8500000	757-760	217	Fremont County	78	Garfield County		
Fremont County	38.4833333	-105.4000000	757-760	161	Otero County	98	Huerfano County		
Larimer County	40.6666667	-105.4666667	757-760	128	Adams County	116	Jefferson County		
Otero County	37.9000000	-103.7166667	757-760	161	Fremont County	108	Huerfano County		
Yuma County	39.9833333	-102.4333333	757-760	167	Adams County	224	Prowers County		
Bent County	37.9666667	-103.0666667	781-784	125	Lincoln County			219	Arapahoe County
Denver County	39.6666667	-104.9500000	781-784	113	Weld County			49	Arapahoe County
Fremont County	38.4833333	-105.4000000	781-784	137	Denver County			87	Saguache County
Lincoln County	39.0500000	-103.4500000	781-784	125	Bent County			104	Arapahoe County
Mesa County	39.0660000	-108.3850000	781-784	267	Fremont County			158	Eagle County
Weld County	40.6333333	-104.5333333	781-784	113	Denver County			110	Arapahoe County
Arapahoe County	39.6500000	-104.3833333	785-788	199	Eagle County	49	Denver County	91	El Paso County
Eagle County	39.6333333	-106.7000000	785-788	176	Saguache County	150	Denver County	119	Rio Blanco County
Saguache County	38.0833333	-106.2500000	785-788	176	Eagle County	87	Fremont County	173	El Paso County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
El Paso County	38.8333333	-104.5166667	789-792	164	Las Animas County	91	Arapahoe County	110	Jefferson County
Las Animas County	37.4166667	-104.0000000	789-792	164	El Paso County	212	Saguache County	153	Kiowa County
Montrose County	38.4166667	-108.2666667	789-792	177	Rio Blanco County	180	Saguache County	75	Dolores County
Phillips County	40.6000000	-102.3947222	789-792	268	El Paso County	200	Arapahoe County	243	Kiowa County
Rio Blanco County	40.0000000	-108.0000000	789-792	177	Montrose County	119	Eagle County	128	Pitkin County
Conejos County	37.1980555	-106.1711111	793-796	217	Dolores County	194	Las Animas County	158	Fremont County
Dolores County	37.7666667	-108.5166667	793-796	211	Pitkin County	75	Montrose County	78	Ouray County
Jefferson County	39.6333333	-105.2666667	793-796	151	Pitkin County	110	El Paso County	116	Larimer County
Kiowa County	38.4333333	-102.8166667	793-796	251	Jefferson County	153	Las Animas County	128	Baca County
Pitkin County	39.2000000	-106.9333333	793-796	151	Jefferson County	128	Rio Blanco County	137	Ouray County
Baca County	37.3055555	-102.5286110	797-800	284	Fremont County	128	Kiowa County		
Fremont County	38.4833333	-105.4000000	797-800	210	Ouray County	128	Jefferson County		
Larimer County	40.6666667	-105.4666667	797-800	242	Fremont County	116	Jefferson County		
Ouray County	38.1500000	-107.7666667	797-800	210	Fremont County	78	Dolores County		
Yuma County	39.9833333	-102.4333333	797-800	269	Larimer County	175	Kiowa County		
Adams County	39.8666667	-104.3833333	821-824	115	El Paso County			80	Jefferson County
El Paso County	38.8333333	-104.5166667	821-824	115	Adams County			110	Jefferson County
Jackson County	40.6666667	-106.3333333	821-824	188	Adams County			146	Jefferson County
La Plata County	37.2833333	-107.8166667	821-824	204	Mesa County			95	San Miguel County
Mesa County	39.0660000	-108.3850000	821-824	204	La Plata County			118	San Miguel County
Prowers County	37.9666667	-102.4000000	821-824	208	El Paso County			149	Kit Carson County
Chaffee County	38.7666667	-106.1833333	825-828	125	Jefferson County	145	El Paso County	145	El Paso County
Costilla County	37.2961111	-105.4383333	825-828	176	Chaffee County	189	El Paso County	189	El Paso County
Jefferson County	39.6333333	-105.2666667	825-828	125	Chaffee County	80	Adams County	80	Adams County
Kit Carson County	39.3000000	-102.5666667	825-828	164	Logan County	149	Prowers County	154	Bent County
Logan County	40.7166667	-103.1166667	825-828	164	Kit Carson County	143	Adams County	143	Adams County
San Miguel County	38.0000000	-108.4000000	825-828	212	Chaffee County	95	La Plata County	179	Garfield County
Adams County	39.8666667	-104.3833333	829-832	115	El Paso County	80	Jefferson County	86	Boulder County
Bent County	37.9666667	-103.0666667	829-832	159	El Paso County	154	Kit Carson County	103	Cheyenne County
El Paso County	38.8333333	-104.5166667	829-832	115	Adams County	110	Jefferson County	156	Boulder County
Garfield County	39.5500000	-107.8333333	829-832	297	El Paso County	167	Chaffee County	78	Delta County
Alamosa County	37.6000000	-105.8000000	833-836	166	San Juan County	177	El Paso County	104	Fremont County
Boulder County	40.0833333	-105.3500000	833-836	255	Delta County	86	Adams County	96	Arapahoe County
Cheyenne County	38.8097222	-102.5763888	833-836	277	Boulder County	103	Bent County	131	Yuma County
Delta County	38.8500000	-107.8500000	833-836	123	San Juan County	78	Garfield County	197	Routt County

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County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
San Juan County	37.7500000	-107.6666667	833-836	123	Delta County	200	Garfield County	85	Archuleta County
Arapahoe County	39.6500000	-104.3833333	837-840	157	Fremont County	96	Boulder County		
Archuleta County	37.1937778	-107.0031944	837-840	201	Fremont County	85	San Juan County		
Fremont County	38.4833333	-105.4000000	837-840	157	Arapahoe County	104	Alamosa County		
Las Animas County	37.4166667	-104.0000000	837-840	171	Fremont County	160	Alamosa County		
Routt County	40.5000000	-107.0000000	837-840	242	Arapahoe County	148	Boulder County		
Yuma County	39.9833333	-102.4333333	837-840	171	Arapahoe County	131	Cheyenne County		
Adams County	39.8666667	-104.3833333	861-864	188	Phillips County			53	Denver County
Eagle County	39.6333333	-106.7000000	861-864	200	Adams County			71	Grand County
Montezuma County	37.3594444	-108.6072222	861-864	198	Rio Grande County			190	Mesa County
Phillips County	40.6000000	-102.3947222	861-864	188	Adams County			241	Denver County
Prowers County	37.9666667	-102.4000000	861-864	272	Adams County			184	Pueblo County
Rio Grande County	37.5875000	-106.3888889	861-864	198	Montezuma County			180	Pueblo County
Denver County	39.6666667	-104.9500000	865-868	107	Grand County	53	Adams County	27	Jefferson County
Grand County	40.0666667	-106.0833333	865-868	107	Denver County	71	Eagle County	85	Jefferson County
Mesa County	39.0660000	-108.3850000	865-868	227	Grand County	158	Eagle County	276	Jefferson County
Pueblo County	38.1833333	-104.4833333	865-868	170	Denver County	180	Rio Grande County	127	Bent County
Bent County	37.9666667	-103.0666667	869-872	154	Kit Carson County	127	Pueblo County	244	Alamosa County
Jefferson County	39.6333333	-105.2666667	869-872	235	Kit Carson County	27	Denver County	27	Denver County
Kit Carson County	39.3000000	-102.5666667	869-872	154	Bent County	208	Pueblo County	209	Denver County
Alamosa County	37.6000000	-105.8000000	873-876	235	Montrose County	230	Jefferson County	160	Las Animas County
Denver County	39.6666667	-104.9500000	873-876	107	Grand County	27	Jefferson County	49	Arapahoe County
Grand County	40.0666667	-106.0833333	873-876	107	Denver County	85	Jefferson County	153	Arapahoe County
Montrose County	38.4166667	-108.2666667	873-876	235	Alamosa County	293	Jefferson County	131	Garfield County
Arapahoe County	39.6500000	-104.3833333	877-880	171	Yuma County	49	Denver County		
Garfield County	39.5500000	-107.8333333	877-880	252	La Plata County	131	Montrose County		
Kiowa County	38.4333333	-102.8166667	877-880	153	Las Animas County	230	Denver County		
La Plata County	37.2833333	-107.8166667	877-880	252	Garfield County	132	Montrose County		
Las Animas County	37.4166667	-104.0000000	877-880	153	Kiowa County	160	Alamosa County		
Yuma County	39.9833333	-102.4333333	877-880	171	Arapahoe County	218	Denver County		
Boulder County	40.0833333	-105.3500000	901-904	163	Chaffee County			58	Denver County
Chaffee County	38.7666667	-106.1833333	901-904	163	Boulder County			146	Denver County
Cheyenne County	38.8097222	-102.5763888	901-904	217	Logan County			95	Prowers County
Logan County	40.7166667	-103.1166667	901-904	202	Boulder County			195	Denver County
Montezuma County	37.3594444	-108.6072222	901-904	264	Chaffee County			190	Mesa County

Tab 6 (Fox Ridge Communications, Inc. New Plan by Channel provided by City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Lat	Lon	FCC Channel Number	Closest Co-Chan (km)	County Name	Closest Lower (km)	County Name	Closest Upper (km)	County Name
Denver County	39.6666667	-104.9500000	905-908	170	Pueblo County	58	Boulder County	49	Arapahoe County
Mesa County	39.0660000	-108.3850000	905-908	199	Routt County	190	Montezuma County	178	Lake County
Prowers County	37.9666667	-102.4000000	905-908	184	Pueblo County	95	Cheyenne County	254	Arapahoe County
Pueblo County	38.1833333	-104.4833333	905-908	170	Denver County	162	Chaffee County	163	Arapahoe County
Routt County	40.5000000	-107.0000000	905-908	198	Denver County	148	Boulder County	131	Larimer County
Arapahoe County	39.6500000	-104.3833333	909-912	146	Larimer County	49	Denver County	76	Jefferson County
Archuleta County	37.1937778	-107.0031944	909-912	232	Lake County	241	Mesa County	116	Alamosa County
Lake County	39.2166667	-106.3333333	909-912	175	Arapahoe County	129	Denver County	103	Jefferson County
Larimer County	40.6666667	-105.4666667	909-912	146	Arapahoe County	119	Denver County	116	Jefferson County
Alamosa County	37.6000000	-105.8000000	913-916	187	Otero County	116	Archuleta County	177	El Paso County
Jefferson County	39.6333333	-105.2666667	913-916	230	Alamosa County	76	Arapahoe County	110	El Paso County
Montrose County	38.4166667	-108.2666667	913-916	235	Alamosa County	176	Archuleta County	131	Garfield County
Otero County	37.9000000	-103.7166667	913-916	187	Alamosa County	203	Arapahoe County	125	El Paso County
El Paso County	38.8333333	-104.5166667	917-920	169	Washington County	110	Jefferson County		
Garfield County	39.5500000	-107.8333333	917-920	297	El Paso County	131	Montrose County		
Washington County	39.9666667	-103.2000000	917-920	169	El Paso County	181	Jefferson County		
Boulder County	40.0833333	-105.3500000	941-944	132	Morgan County			58	Denver County
Chaffee County	38.7666667	-106.1833333	941-944	154	Ouray County			146	Denver County
Morgan County	40.2666667	-103.8166667	941-944	132	Boulder County			118	Denver County
Ouray County	38.1500000	-107.7666667	941-944	154	Chaffee County			115	Mesa County
Denver County	39.6666667	-104.9500000	945-948	170	Pueblo County	58	Boulder County		
Kit Carson County	39.3000000	-102.5666667	945-948	149	Prowers County	152	Morgan County		
Mesa County	39.0660000	-108.3850000	945-948	199	Routt County	115	Ouray County		
Prowers County	37.9666667	-102.4000000	945-948	149	Kit Carson County	283	Morgan County		
Pueblo County	38.1833333	-104.4833333	945-948	170	Denver County	162	Chaffee County		
Routt County	40.5000000	-107.0000000	945-948	198	Denver County	148	Boulder County		

Tab 7 (KISSINGER & FELLMAN, P.C. Letter dtd July 12, 2005, RE: City of Aurora / Concerns With Draft of Region 7 Plan, provided by the City of Aurora) to **Appendix M** (Minority Statement on Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

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1941 - 2002

July 12, 2005

Emery L. Reynolds
Arapahoe County Sheriff's Office
13101 E. Broncos Parkway
Centennial, Colorado 80122

Re: City of Aurora / Concerns With Draft of Region 7 Plan

Dear Mr. Reynolds:

This office represents the City of Aurora in connection with a number of concerns that the City has regarding procedures for spectrum allocation, and particularly how those procedures will impact urban and suburban local governments in the current draft of the Region 7 700 MHz Plan (the "Plan"). These are not new issues, and I am sure that you are familiar with Aurora's position from prior discussions.

As you are no doubt aware, federal regulations set forth the requirements of what must be contained in the regional plan. See, 47 C.F.R. §90.527. Among those requirements is a description of how a spectrum will be allotted among eligible users within the region "with an explanation of how the requirements of all eligible entities within the region were considered and, to the degree possible, met." 47 C.F.R. §90.527(a)(3). The regulations also require a detailed description of how the Plan puts the spectrum to the best possible use and an explanation of how specific needs were assigned priorities. It is Aurora's position that the procedure set forth in Section 5.2 of the Plan, and the compliance criteria contained in Appendix D, do not adequately meet the needs of urban and suburban municipalities.

Enclosed with this letter are two letters from Fox Ridge Communications, Inc. to the City of Aurora. These letters identify the issues in more detail, and propose alternatives that will more effectively meet the spectrum needs of urban and suburban communities, without negatively impacting other governmental entities in Region 7. Both letters are dated July 11th. One letter describes a process of allocating channels between municipalities and counties based upon population. The second letter describes in more detail, the allocations problems with the

CAPRAD program, an alternative allocation method based upon population density, the legal requirement that the Plan meet the needs of *all* jurisdictions, and the Plan's deficiencies in meeting the future needs of eligible jurisdictions. Importantly, Fox Ridge Communications suggests areas for modification that are necessary to bring the Plan into conformance with FCC regulations. The City of Aurora strongly encourages the Regional Plan Committee ("RPC") to further modify the Plan to address these needs as suggested by the City.

Please understand that the City is not interested in preparing a "minority report" to the Plan. The City believes that at present, the federal regulations have not been followed because the Plan fails to adequately address the federal regulatory criteria described above. It is the City's goal to work with the RPC to amend the Plan to adequately address its concerns, or alternatively, to act independently within the context of the FCC approval proceeding, to have the Plan modified, or rejected, if these concerns are not met.

If anyone from the RPC wishes to discuss the specifics of the City's concerns an attempt to resolve these issues prior to the next committee meeting, please feel free to contact Mike Bedwell directly. With respect to any correspondence in response to this letter, please send it to me, with a copy to Mike Bedwell.

Thank you for your prompt attention to this matter.

Very truly yours,
KISSINGER & FELLMAN, P.C.

Kenneth S. Fellman
kfellman@kandf.com

KSF/eaj
cc: Mike Bedwell

WAIVER OF CONSENT FROM ADJACENT REGION WHEN ADJACENT REGION IS UNFORMED Or UNRESPONSIVE

Region 7 requests a waiver of Rule Section 90.527(a)(5) which requires that written consent be obtained from all adjacent 700 MHz Regional Planning Committees. Region 7 is adjacent to 8 Regions. The Regions to which Region 7 is adjacent, and the status of that Region's 700 MHz RPC is shown in the following table:

Region #	State	RPC Status	Consent Obtained
Region 3	Arizona	Formed	Yes
Region 41	Utah	Formed	Yes
Region 52	North Texas	Formed	Yes
Region 16	Kansas	Formed	Yes
Region 34	Oklahoma	Formed	Yes
Region 46	Wyoming	Formed	No
Region 26	Nebraska	Formed	Yes
Region 29	New Mexico	Formed	Yes

Region 7 has made every reasonable effort to contact and obtain the consent of all adjacent Regions. Region 7 has received consent from all adjacent 700 MHz RPCs except for Region 46.

Region 7 has contacted Mark Joiner, the RPC Interim Chairperson of Region 46. Region 7 has placed an Adobe Acrobat File containing its 700 MHz Regional Plan on the CAPRAD database where Region 46 can view it once it convenes. Region 7 has provided a copy of its Regional Plan to the Chairperson of Region 46. Region 46 has informed Region 7 that they will not have a meeting until the Fall of 2007.

Region 7 has followed the recommendations of the National Coordination Committee's (NCC) Implementation Subcommittee and set aside 50% of the spectrum at the Regional borders based on population.

That portion of Region 7 that is adjacent to Region 46, is extremely rural. Therefore, Region 7 has set aside 50% of the 700 MHz general use channels for Region 46. These frequencies will be available for Region 46's use when it forms and seeks to allocate the 700 MHz band.

Appendix N (Adjacent Region Concurrence Waiver Request) Region 7 - 700 MHz Regional Plan

Region 7 has obtained signed Inter-Regional Dispute Resolution Agreements from the following adjacent Regions:

Region #	**RPC Status**	**Consent Obtained**
Region 3	Formed	Yes
Region 41	Formed	Yes
Region 52	Formed	Yes
Region 16	Formed	Yes
Region 34	Formed	Yes
Region 46	Formed	Yes
Region 26	Formed	Yes
Region 29	Formed	Yes

Respectfully submitted.

Emery Reynolds
Chairperson, Region 7 -- 700 MHz Planning Committee
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