



Final VERSION  
December 2, 2008

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## Appendix A CAPRAD Frequency Allocation List

## Appendix B Regional Plan Members

## Appendix C Notices and Minutes

## Appendix D Tribal Information

## Appendix E Idaho Counties

## Appendix F Surrounding States’ Chairs/Conveners with Inter-Regional Coordination and Agreements

## Appendix G Original Consent Letters from Surrounding Region RPC Chairs

## Appendix H New Consent Letters from Surrounding Region RPC Chairs

## Plan Drafting Versions

Draft Version	Date	General Description of Content
1	12-09-2003	This is the first drafting version that was cut – paste from the template and various state plans with Idaho information added.
2	1-05-2004	Incorporates changes from interoperability committee. SIEC notes.
3	5-21-2004	Incorporates changes needed after reading Region 5 accepted plan.
4	6-16-2004	Incorporates changes from members of the RPC.
5	10-1-2004	Deletes references for SIEC interoperability role. Changed Vice Chair.
6	10-18-2004	Amended Appendix F.
7	11-22-2004	Added Telephone Numbers and addresses to App. D. Changed Paragraph 8.4.7 Givebacks.
8	1-7-2005	Minor editing of the document in preparation for final distribution to surrounding RPCs
9	1-14-2005	Minor formatting changes in preparation for distribution to surrounding RPCs
10	1-21-2005	Index correction.
11	1-9-2008	Modifications for 2 <sup>nd</sup> R&O in PS Docket No. 06-229; WT Docket No. 96-86
12	5-14-2008	Addition of CAPRAD allocations to final draft.
13	12-02-2008	Addition of 12.5 repacked channels and change of leadership with minor administrative changes
14	XX-XX-2015	Modification for R&O in PS Docket No. 13-87; WT Docket 02-378; Updated Sections 1 and 6.3, Moved Section 5.3 to 5.5. Added new Sections 5.3 and 5.4, increased numbering assignment for Sections 5.6 through 5.8

## 1. Regional Committee Positions

At the time of this Amended adoption and transmittal of this Plan to the FCC, the following individuals serve in leadership roles in the Region 12 Regional Planning Committee (RPC):

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At the time of this Amended adoption and transmittal of this Plan to the FCC, the following individuals serve in committee leadership roles in the Region 12 Regional Planning Committee (RPC):

Technical	Stan Passey 700 S. Stratford Dr. Meridian, ID 83642 Phone (208) 846-7515 <a href="mailto:Stan.passey@isp.idaho.gov">Stan.passey@isp.idaho.gov</a>
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## **2. Regional Planning Committee Membership**

Appendix B contains the membership list for Region 12 Membership is open to any interested party. Voting and operating procedures are described in Section 5 of this plan.

## **3. Region Description**

The State of Idaho is a single planning region (Region 12) for both the 700 MHz and 800 MHz public safety bands. Region 12 is bordered by Canada on the North, the State of Montana and the State of Wyoming to the East, the State of Utah and the State of Nevada to the South, and the State of Oregon and the State of Washington to the West.

From the pristine forests and mountains areas of northern Idaho to the high plains areas of southern Idaho, the state has an assortment of population densities and economic diversities. The climate in the many regions of Idaho varies from sub-Arctic in the north to desert in the southwest area of the state. Indian and pioneer history abounds throughout Idaho.

There are 44 counties in Idaho. Appendix E shows the counties with population figures. Boise (Ada County) is the largest city in this region and along with the cities of Caldwell (Canyon County), Kuna (Ada County), Meridian (Ada County), Eagle (Ada County), and Nampa (Canyon County) make up a metropolitan area that is the most significant economic engine in the western part of the state.

The largest urban areas in the eastern portion of the state are in the Idaho Falls (Bonneville County) and Pocatello (Bannock County) urban areas. The Twin Falls (Twin Falls County) urban area is in the south-central portion of the state. The southern portion of the state is a rural and agricultural in nature.

Coeur d'Alene (Kootenai County) is a significant urban area that is surrounded by forests and agricultural areas. Lewiston (Nez Perce County) is the only inland seaport in Idaho. Rural and agricultural areas surround Lewiston.

## **4. Notification Process**

The First Regional Plan Meeting was held on May 22, 2002. Notices were sent 60 days or more prior to the meeting, by mail, to the FCC, and the current presidents of the Idaho APCO and NENA chapters. Public notice was published by the FCC, and a public notice was also posted on the website serving the Region 12 RPC (<http://www.700region12.org>). Representatives from public safety agencies throughout the state, as well as representatives from the Indian tribes, were invited to participate and continue to attend meetings. In addition to the above legal invitations and notifications, emails and telephone calls were made to many public safety agencies throughout the state of Idaho to encourage the participation of as many public safety agencies as possible.

At the first meeting Dodie Linder, Convener, called the meeting to order, welcomed attendees and introduced Convener's Meeting coordinators, followed by attendee introductions and their purpose for attending the meeting. An election was held during this meeting, and Stan Passey, Communications Manager for the Idaho State Police, was voted Chair of the committee, subcommittees were formed, and the by-laws were later reviewed and adopted.

The second meeting was held on May 30, 2003. Public notices were again published for this meeting more than 30 days in advance of the meeting. A presentation was given to open discussions on the charge of the 700 MHz Regional Planning Committee, and another that discussed lessons learned in the aftermath of the terrorist attacks on September 11, 2001.

Since that time there have been three additional meetings to discuss the plan and make assignments to the various subcommittees. We have addressed issues pertaining to the dissemination of information from the committee, and are working closely with the Idaho Statewide Interoperability Executive Council (SIEC). Our meetings are typically attended by members from throughout the state, including representatives of the various Indian tribes within Idaho. We also maintain a website (<http://www.700region12.org>), and a group email to aid in the distribution of information. In addition, we have been making monthly presentations to the Idaho SIEC in order to better coordinate our efforts throughout the state.

All meeting notices, minutes and members of the committees are shown in the appendixes of this plan. The meetings were open to any who wanted to attend.

## **5. Regional Plan Administration**

### ***5.1. Operations of the Regional Plan Committee***

This committee will use Robert's Rules of Order to conduct meetings. All decisions will be by clear consensus vote with each Public Safety Agency having one vote. This voting insures that all agencies regardless of size have an equal vote. This region also emphasizes the clear consensus in deciding issues. 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 may be formed as needed to work on specific issues. For the initial planning three workgroups were formed – technical group, outreach group, and interoperability group. Workgroups are intended to work on details of specific issues and make recommendations to the full committee. Any changes to the Regional plan must be voted and approved by the full Regional Plan Committee. Workgroups are open to any who want to participate. The Chair of the Regional Plan Committee appoints the Chair for each workgroup.

A minimum of one meeting per year will be held of the full committee. The Chair may call other meetings as needed, or requested by the Committee members. These will be announced and advertised 90 days in advance by the Committee Chair. The FCC will be contacted to issue a Public Notice of the

meeting. In addition, group emailing will be used for notification. Normal time for the annual meeting will be in May each year.

Every two years at the annual meeting, there shall be an election of the Chair. The Chair shall appoint the Vice-Chair and Secretary. There is no limit to the number of terms that may be served.

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 90 days notice, to elect replacements.

The Chair and Vice Chair duties and powers are expressed in this plan. Their powers are limited to those specified in this plan or the agreements with adjacent regions contained in this plan.

The Secretary is responsible to maintain and store all records of the committee. The Secretary also prepares minutes of all Committee meetings. At any time a new secretary is elected, the records of the Committee shall be transferred to the new secretary.

## **5.2. *Procedure for Requesting Spectrum Allotments***

After plan approval, agencies desiring a new, additional or modified spectrum allotment shall submit a request to the Chair in writing indicating their need for spectrum. The requests will be considered, providing that harmful interference is not caused to existing users.

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.

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. Agencies will need to provide the Committee with a full justification for the additional spectrum. All requests will be considered on a first come first served basis. In the event that contending requests are received, in the same time frame Section 8.5 will be used to determine priority for allocation of spectrum.

- Priority is given to users fundamentally involved with the protection of life and Property.
- Priority is given to shared multi-agency systems. These systems can be either groups of separate departments within a large agency or groups of agencies operating together under a large blanket agency.
- Immediate documented funding must be available to construct the system using these 700 MHz frequencies.

For approval, the Chair will distribute the request to all other agencies with allotments in the plan for review. An agency may protest approval within 30 calendar days. Protests will only be considered if an agency or the Chair can show harmful interference is likely based on the input submitted by the agency requesting the new allotment or the allotment does not conform to plan criteria. If the parties cannot resolve the issues and so inform the Chair within 14 calendar days then a full Committee meeting will be scheduled to consider and vote on the protest. Absent a protest, the allotment will be approved by the Chair and submitted to the FCC as a plan amendment.

### 5.3. Procedure for Plan Modifications

Modifications to this plan, other than as specified above in Section 5.2 must be approved at a meeting of the full committee. The Chair may propose changes and call a meeting to consider and vote on the change. Others with a requested amendment to this plan should submit the request to the Chair and the chair will call a meeting of the full committee to consider and vote on the change.

### 5.4. Plan Updates

The Region 12 700 MHz Planning Committee submits this 700 MHz Plan Modification to the Commission in accordance with Report and Order 15-34 and the requirements assigned to each regional planning committee therein.

Region 12 will modify our existing 700 MHz Plan implementing the following channel plan for the former Reserve Channels:

We hereby modify the Regional 12 700 MHz Plan to utilize 18 of the former Reserve Channels as supplemental allotments to our existing General Use allotments. Below are the specified Channels:

New General Use Channels	
Channels	77-78
Channels	157-158
Channels	197-198
Channels	221-222
Channels	237-238
Channels	277-278
Channels	301-302
Channels	317-318
Channels	643-644
Channels	683-684
Channels	699-700
Channels	723-724
Channels	763-764
Channels	779-780
Channels	803-804
Channels	843-844
Channels	859-860
Channels	923-924

Allowing these channels to supplement the existing General Use allotments within the region will promote maximum flexibility of the use of these channels by all counties within the region.

The Region 12 700 MHz Planning Committee encourages the Commission to permit the reassignment of these new 700 MHz General Use channels in this flexible manner whereby the channels are available to all existing County allotments and channel use can be optimized throughout the region.

The Region 12 700 MHz Planning Committee hereby also modifies our existing 700 MHz Plan to reassign the remaining 6 former Reserve Channels for exclusive use in Deployable Trunked Systems. Below are the specified channels:

Deployable Trunked Channels	
Channels	37-38
Channels	61-62
Channels	117-118
Channels	141-142
Channels	883-884
Channels	939-940

### **5.5. *Procedure for Frequency Coordination***

Before applicants submit an application to one of the FCC recognized frequency coordinators, the application must be reviewed at a frequency meeting of the Regional Planning Committee. The Committee will review the application to ensure it complies with all elements of the Regional Plan. This will NOT be a review to ensure the application form meets FCC requirements for filing.

The applicants must submit a copy of the FCC application and supporting documents to the Regional Plan Chair. An interference prediction map must be included in the documentation. TIA/EIA TSB88-A (or latest version) guidelines will be used to produce the interference map. The map must show all interference predicted using TSB88-A guidelines. Any agency with co-channel or adjacent channel allotments may request field tests of signal levels to verify interference signal levels. Agencies must be prepared to conduct these field tests if a request is made. All agencies must meet the coverage criteria of Section 7.

The frequency meetings will be held as needed to review applications. The FCC certified frequency coordinators will be notified of the meetings.

### **5.6. *Adjacent Region Spectrum Allocation***

Region 12 shares borders with neighboring Region 25 (Montana), Region 46 (Wyoming), Region 41 (Utah), Region 27 (Nevada), Region 43 (Washington) and Region 35 (Oregon). Region 12 will coordinate channel allocations with all bordering regions for those channels established by planning as statewide use. Region 12 will provide data to the National Public Safety Telecommunications Council (NPSTC) Pre-coordination Data Base to assist with adjacent region coordination.

### **5.7. *Canadian Border issues***

Region 12 shares a border with Canada. The County of Boundary is impacted by any border spectrum agreements. State of Idaho spectrum use is also impacted in those counties. Region 12 requests input to the FCC for any spectrum sharing agreements with Canada. Any agreement that impacts allotments to Boundary County will impact the entire allotment list for Region 12. Region 12 is ready to help the FCC in any way in working out spectrum sharing agreements with Canada with minimum impact to Region 12. Agencies located in the Border area with Canada should note the following conditions. Public safety licenses are granted subject to the conditions as set forth in 47 C.F.R. § 90.533. Public safety transmitters operating within 120 km or 75 miles of the Canadian border must accept any interference that may be caused by operations of UHF television broadcast transmitters in Canada and that conditions may be added during the term of the license if required by the terms of the international agreements between the United States and the government of Canada, as applicable, regarding the non-broadcast use of the 764-776 MHz and 794-806 MHz bands.

### **5.8. *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 allotments (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 Idaho and members selected from representatives of the counties in the region. 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 agency(ies), the dispute and all written documentation will be forwarded to the Federal Communications Commission for final resolution.

## **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. Idaho is subject to many natural disasters and mutual aid is common among agencies. This Plan seeks to facilitate the communications necessary for effective mutual aid.

The Region 12 RPC will administer the interoperability channels under National Coordination Committee's (NCC) guidelines.

### **6.2. *Tactical Channels***

This Region is unable to set aside, at this time, 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. The channels display will be in accordance with the NCC guidelines that have common alphanumeric nomenclature to avoid any misinterpretation of use.

### 6.3. *Deployable Systems*

This Plan strongly 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 Region 12 Planning Committee hereby endorses the recommended channel assignments for Deployable Trunked Systems identified in FCC Report and Order 15-483. The following channel pairs shall be reserved exclusively for future deployable trunked systems fielded within the region:

Deployable Trunked Channels	
Channels	37-38
Channels	61-62
Channels	117-118
Channels	141-142
Channels	883-884
Channels	939-940

This change will maximize future interoperability with national and multi-jurisdictional agencies in the event of a crisis or major disaster.

~~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 State of Idaho take responsibility for monitoring the interoperability and calling channels. This would include assignments of channels to mutual aid incidents as required. The SIEC will develop operational guidelines for this function.

## 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 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.

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 Narrowband “General Use” Spectrum**

All agencies requesting spectrum during the initial filing window will be allotted channels excepting as noted in Section 8.4. Allotments will be made in 4 channel (25 kHz) groups to allow for various digital technologies to be implemented. Requests for voice channels were allocated on the basis of one 6.25 kHz channel per one voice channel requested. For narrowband mobile data requests two 6.25 kHz channels were allocated for each mobile data channel requested. This was done to maximize spectrum efficiency and to meet the FCC goal of one voice channel per 6.25 kHz of spectrum. In a few cases this resulted in allocating one or two extra 6.25 kHz channels to maintain the 25 kHz grouping of channels.

### **8.1. *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 low power 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.
- Use aboard aircraft is prohibited.
- Applications for channels may be submitted to the 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.
- In the event the channels authorized for low power secondary operation are needed by others during any window opening for reassignment, no protection will be afforded to the licensed secondary user, and they may be required to change frequencies or surrender licenses to prevent interference to primary use channels.

## 8.2. Low power Channels

The FCC in the 700 MHz band plan set aside channels 1 - 8 paired with 961 – 968 and 949 –958 paired with 1909 – 1918 for low power use for on-scene incident response purposes using mobiles and portables subject to Commission-approved Regional Planning Committee Regional Plans. Transmitter power must not exceed 2 watts (ERP).

Channels 9 –12 paired with 969 – 972 and 959 – 960 paired with 1919 – 1920 are licensed nationwide for itinerant operation. Transmitter power must not exceed 2 watts (ERP).

These channels may operate using analog operation. To facilitate analog modulation, this plan will allow aggregation of two 6.25 KHz channels for 12.5 kHz bandwidth. On scene temporary base and mobile relay stations are allowed (to the extent FCC rules allow) antenna height limit of 6.1 meter (20 feet) AGL (Above Ground Level). However, users are encouraged to operate in simplex mode with the least practicable amount of power to reliably maintain communications whenever possible. This plan does not limit use to analog only operations and channels are intended for use in a wide variety of applications that may require digital modulation types as well. The use of EIA/ TIA-102, Project 25 Common Air Interface is required when using a digital mode of operation.

In its dialog leading up to CFR §90.531 allocating the twenty-four low power 6.25 kHz frequency pairs (of which eighteen fall under RPC jurisdiction), the Federal Communications Commission (FCC) suggested that there is a potential for multiple low power applications, and absent a compelling showing, a sharing approach be employed rather than making exclusive assignments for each specific application as low power operations can co-exist [in relatively close proximity] on the same frequencies with minimal potential for interference due to the 2 watt power restriction.

Whereas advantages exist in not making assignments, the reverse is also true. If, for example, firefighters operate on a specific frequency or set of frequencies in one area, there is some logic in replicating that template throughout the Region for firefighter equipment. If there are no assignments, such a replication is unlikely.

In seeking the middle ground with positive attributes showing up both for assignments and no assignments, we recommend the following regarding assignments associated with the eighteen (18) low power channels for which the Regional Planning Committee has responsibility:

- Generic - Channel's 1-4 and 949-952 are set aside as generic base channels for use by public safety agencies operating within Region 12, and the complementary mobile channels # 961-964 and 1909-1912 are set aside as generic mobile channels also for use by public safety agencies likewise operating within Region 12.
- Fire/ EMS/Consequence Management - Channel's 5-8 are designated as Fire Protection/Emergency Medical and Consequence Management base channels for licensing and exclusive use by the Fire/Emergency Medical disciplines, and the complementary mobile channel #'s 965-968 are set aside as Fire/Emergency Medical and Consequence Management mobile channels also for licensing and exclusive use by the

Fire/Emergency Medical disciplines.

- Law/ Crisis Management - Channel #'s 953-956 are set aside as Law Enforcement/Crisis Management base channels for licensing and exclusive use by the Law Enforcement discipline, and the complementary mobile channel #'s 1913-1916 are set aside as Law Enforcement/Crisis Management mobile channels also for licensing and exclusive use by the Law Enforcement discipline.

Multidisciplinary Joint Public Safety Operations - Channel #'s 957-958 are set aside as Multidisciplinary Joint Public Safety Operations base channels for licensing and the complementary mobile channel #'s 1917-1918 are also set aside as Multidisciplinary Joint Public Safety Operations Channels for use by political subdivisions and public safety agencies operating under a unified command at a common incident for the express mission of safety of life, property or environment.

Simplex operations may occur on either the base or mobile channels. Users are cautioned to coordinate on scene use among all agencies involved, particularly when the use of repeaterized modes is possible at or in proximity to a common incident. Users should license multiple channels and be prepared to operate on alternate channels at any given operational area. Again, Region 12 Regional Planning Committee will require all 700 MHz users to have the capability to access ALL of the NCC approved interoperability channels in both duplex and simplex modes. Under no circumstances may a user claim a channel as exclusively theirs; all channels within this section are shared.

### ***8.3. System Implementation***

The State of Idaho is not affected by existing television stations for immediate implementation of systems.

Agencies requesting the use of the 700 MHz spectrum must adhere to State of Idaho bid requirements and sign a contract with a vendor within one year of releasing the system bid document. For the State of Idaho only, implementation of general use channels shall be governed by FCC rule 90.529(b) and (c). This exception for the State is intended to keep the overall implementation of the State's 700 MHz spectrum consistent with the State licensing rules for the state only channels.

If an agency does not implement in the timeframes specified, that agency's allotment may be removed from the allotment list. 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 set a filing window to give other agencies a chance to request an allotment of that spectrum.

### ***8.4 Explanation of How Needs Were Assigned Priorities in Areas Where Not All Eligibles Could Receive Licenses***



A scoring matrix will be used to evaluate competing applications within the county-by-county assignments or from a general pool once county-by-county allocations sunset. The applications receiving the highest number of points will receive the channels. There are seven scoring categories:

#### **8.4.1 Service (Maximum score 350 points)**

Police, fire, local government, combined systems, multi-jurisdictional systems, etc.

#### **8.4.2 Intersystem & Intra-system interoperability (Maximum score 100 points)**

How well the proposed system will be able to communicate with other levels of government and services during an emergency on “regular” channels, not the I/O channels. Interoperability must exist among many agencies to successfully accomplish the highest level of service delivery to the public during a major incident, accident, natural disaster or terrorist attack. Applicants requesting 700 MHz spectrum shall inform the region of how and with whom they have been achieving interoperability in their present system.

The applicant shall stipulate how they will accomplish interoperability in their proposed system (gateway, switch, cross-band repeater, console cross-patch, software defined radio or other means) for each of the priorities listed below:

- A. Disaster and extreme emergency operation for mutual aid and interagency communications.
- B. Emergency or urgent operation involving imminent danger to life or property.
- C. Special event control, generally of a preplanned nature (including task force operations).
- D. Single agency secondary communications. Priority 4 is the default priority when no other priority is declared and includes routine day-to-day (non-emergency) operations.

#### **8.4.3 Loading (Maximum score 150 points)**

Is the system part of a cooperative, multi-organization system? Is the application an expansion of an existing 800 MHz system? Have all 821 channels been assigned (where technically feasible)? A showing of maximum efficiency or a demonstration of the system’s mobile usage pattern could be required in addition to loading information. Based on population, number of units (if number of units, are they take home, how many per officer), what are the talk groups?

#### **8.4.4 Spectrum Efficient Technology (Maximum score 350 points)**

How spectrally efficient is the system’s technology? Trunked systems are considered efficient “as well as any technological systems feature, which is designed to enhance the efficiency of the system and provide for the efficient use of the spectrum.”

#### **8.4.5 Systems Implementation Factors (Maximum score 100 points)**

Demonstrate funding, demonstrate system planning. Provide a construction and implementation schedule. Is this going to be slow growth (within the next five years) or is it something that's ready to be implemented now? A document stipulating what the agency is planning to implement signed by an official within the organization who handles the money is required.

#### **8.4.6 Geographic Efficient (Maximum Score 100 points)**

The ratio of subscriber units to area covered and the channel reuse potential are two subcategories in this element. "The higher the ratio (mobiles divided by square miles of coverage) the more efficient the use of the frequencies. ...Those systems which cover large geographic areas will have a greater potential for channel reuse and will therefore receive a high score in this subcategory."

#### **8.4.7 Givebacks (Maximum score 200 points)**

Consider the number of channels given back. Consider the extent of availability and usability of those channels to others. Givebacks are not a mandatory requirement for acquiring 700 MHz frequencies, but in the spirit of efficient spectrum resource management agencies should consider giving back unused frequencies as soon as possible. (Ex. XYZ agency shall give up unused UHF and VHF frequencies as these frequencies are phased out over the three to five year phased implementation period).

Total evaluation points above add up to 1350.

#### **8.5. *Priority Matrix***

In the event that future spectrum requests conflict and cannot all be accommodated, the following matrix will be used to determine priority for allotment. This matrix will only be used if two requests are received in the same time frame. Otherwise, the first come first served procedure of Section 5.2 will be used.

- Priority is given to users fundamentally involved with the protection of life and Property
- Priority is given to shared multi-agency systems. These systems can be either groups of separate departments within a large agency or groups of agencies operating together under a large blanket agency.
- Immediate documented funding must be available to construct the system using these 700 MHz frequencies.

This process, if required will be treated as a dispute and the procedures outlined in Section 5.6 using the above criteria will be used to allot the frequencies.

## **9. Coordination with Adjacent Regions**

The Chair will send final draft copies of this plan to the conveners or Chair, as appropriate, to each adjacent region. Over half of the total General Use narrowband channels will be available to adjacent regions. Therefore, adjacent regions should be able to satisfy voice and narrowband data requests along their border areas with Region 12. If an adjacent region has problems satisfying requests in their area, this committee pledges to work with that area to resolve any issues. The adjacent regions concurred with this as shown in Appendix F.

## **10. Spectrum utilization**

With this plan the public safety providers are striving to utilize the spectrum as efficiently as possible. There have been no requests for voice and narrowband data at this time.

**Appendix A**

Frequency Allocation List

# Idaho – Regional Planning Committee Frequency Allocation Plan (as revised by CAPRAD - 2008)

County	Class	Band Width	Channel	Base Frequency	Mobile Frequency	Notation
<a href="#">Ada</a>	General Use	Voice 12.5KHz	15-16	769.093750	799.093750	
	General Use	Voice 12.5KHz	41-42	769.256250	799.256250	
	General Use	Voice 12.5KHz	87-88	769.543750	799.543750	
	General Use	Voice 12.5KHz	123-124	769.768750	799.768750	
	General Use	Voice 12.5KHz	167-168	770.043750	800.043750	
	General Use	Voice 12.5KHz	205-206	770.281250	800.281250	
	General Use	Voice 12.5KHz	253-254	770.581250	800.581250	
	General Use	Voice 12.5KHz	287-288	770.793750	800.793750	
	General Use	Voice 12.5KHz	325-326	771.031250	801.031250	
	General Use	Voice 12.5KHz	349-350	771.181250	801.181250	
	General Use	Voice 12.5KHz	373-374	771.331250	801.331250	
	General Use	Voice 12.5KHz	397-398	771.481250	801.481250	
	General Use	Voice 12.5KHz	421-422	771.631250	801.631250	
	General Use	Voice 12.5KHz	447-448	771.793750	801.793750	
	General Use	Voice 12.5KHz	471-472	771.943750	801.943750	
	General Use	Voice 12.5KHz	495-496	772.093750	802.093750	
	General Use	Voice 12.5KHz	519-520	772.243750	802.243750	
	General Use	Voice 12.5KHz	543-544	772.393750	802.393750	
	General Use	Voice 12.5KHz	567-568	772.543750	802.543750	
	General Use	Voice 12.5KHz	591-592	772.693750	802.693750	
	General Use	Voice 12.5KHz	615-616	772.843750	802.843750	
	General Use	Voice	639-640	772.993750	802.993750	

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		12.5KHz				
	General Use	Voice 12.5KHz	663-664	773.143750	803.143750	
	General Use	Voice 12.5KHz	701-702	773.381250	803.381250	
	General Use	Voice 12.5KHz	741-742	773.631250	803.631250	
	General Use	Voice 12.5KHz	781-782	773.881250	803.881250	
	General Use	Voice 12.5KHz	821-822	774.131250	804.131250	
	General Use	Voice 12.5KHz	861-862	774.381250	804.381250	
	General Use	Voice 12.5KHz	901-902	774.631250	804.631250	
	General Use	Voice 12.5KHz	941-942	774.881250	804.881250	
	State License	Voice 25KHz	25-28	769.162500	799.162500	
	State License	Voice 25KHz	65-68	769.412500	799.412500	
	State License	Voice 25KHz	113-116	769.712500	799.712500	
	State License	Voice 25KHz	185-188	770.162500	800.162500	
	State License	Voice 25KHz	225-228	770.412500	800.412500	
	State License	Voice 25KHz	265-268	770.662500	800.662500	
	State License	Voice 25KHz	305-308	770.912500	800.912500	
	State License	Voice 25KHz	645-648	773.037500	803.037500	
	State License	Voice 25KHz	725-728	773.537500	803.537500	
	State License	Voice 25KHz	765-768	773.787500	803.787500	
	State License	Voice 25KHz	805-808	774.037500	804.037500	
	State License	Voice 25KHz	845-848	774.287500	804.287500	
	State License	Voice 25KHz	885-888	774.537500	804.537500	
	State License	Voice 25KHz	925-928	774.787500	804.787500	
<a href="#">Adam s</a>	General Use	Voice 12.5KHz	59-60	769.368750	799.368750	
	General Use	Voice 12.5KHz	87-88	769.543750	799.543750	

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	General Use	Voice 12.5KHz	121-122	769.756250	799.756250	
	General Use	Voice 12.5KHz	179-180	770.118750	800.118750	
	General Use	Voice 12.5KHz	343-344	771.143750	801.143750	
	General Use	Voice 12.5KHz	375-376	771.343750	801.343750	
	General Use	Voice 12.5KHz	403-404	771.518750	801.518750	
	General Use	Voice 12.5KHz	427-428	771.668750	801.668750	
	General Use	Voice 12.5KHz	457-458	771.856250	801.856250	
	General Use	Voice 12.5KHz	499-500	772.118750	802.118750	
	General Use	Voice 12.5KHz	529-530	772.306250	802.306250	
	General Use	Voice 12.5KHz	557-558	772.481250	802.481250	
	General Use	Voice 12.5KHz	601-602	772.756250	802.756250	
	General Use	Voice 12.5KHz	631-632	772.943750	802.943750	
	General Use	Voice 12.5KHz	747-748	773.668750	803.668750	
	General Use	Voice 12.5KHz	781-782	773.881250	803.881250	
	General Use	Voice 12.5KHz	823-824	774.143750	804.143750	
	General Use	Voice 12.5KHz	911-912	774.693750	804.693750	
	State License	Voice 25KHz	29-32	769.187500	799.187500	
	State License	Voice 25KHz	113-116	769.712500	799.712500	
	State License	Voice 25KHz	233-236	770.462500	800.462500	
<a href="#">Bannock</a>	General Use	Voice 12.5KHz	19-20	769.118750	799.118750	
	General Use	Voice 12.5KHz	43-44	769.268750	799.268750	
	General Use	Voice 12.5KHz	83-84	769.518750	799.518750	
	General Use	Voice 12.5KHz	139-140	769.868750	799.868750	
	General Use	Voice 12.5KHz	163-164	770.018750	800.018750	
	General Use	Voice	213-214	770.331250	800.331250	

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		12.5KHz				
	General Use	Voice 12.5KHz	243-244	770.518750	800.518750	
	General Use	Voice 12.5KHz	289-290	770.806250	800.806250	
	General Use	Voice 12.5KHz	325-326	771.031250	801.031250	
	General Use	Voice 12.5KHz	349-350	771.181250	801.181250	
	General Use	Voice 12.5KHz	373-374	771.331250	801.331250	
	General Use	Voice 12.5KHz	397-398	771.481250	801.481250	
	General Use	Voice 12.5KHz	421-422	771.631250	801.631250	
	General Use	Voice 12.5KHz	449-450	771.806250	801.806250	
	General Use	Voice 12.5KHz	475-476	771.968750	801.968750	
	General Use	Voice 12.5KHz	499-500	772.118750	802.118750	
	General Use	Voice 12.5KHz	523-524	772.268750	802.268750	
	General Use	Voice 12.5KHz	547-548	772.418750	802.418750	
	General Use	Voice 12.5KHz	571-572	772.568750	802.568750	
	General Use	Voice 12.5KHz	595-596	772.718750	802.718750	
	General Use	Voice 12.5KHz	619-620	772.868750	802.868750	
	General Use	Voice 12.5KHz	661-662	773.131250	803.131250	
	General Use	Voice 12.5KHz	705-706	773.406250	803.406250	
	General Use	Voice 12.5KHz	747-748	773.668750	803.668750	
	General Use	Voice 12.5KHz	781-782	773.881250	803.881250	
	General Use	Voice 12.5KHz	821-822	774.131250	804.131250	
	General Use	Voice 12.5KHz	861-862	774.381250	804.381250	
	General Use	Voice 12.5KHz	903-904	774.643750	804.643750	
	General Use	Voice 12.5KHz	941-942	774.881250	804.881250	
	State License	Voice 25KHz	29-32	769.187500	799.187500	



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	State License	Voice 25KHz	69-72	769.437500	799.437500	
	State License	Voice 25KHz	113-116	769.712500	799.712500	
	State License	Voice 25KHz	233-236	770.462500	800.462500	
	State License	Voice 25KHz	725-728	773.537500	803.537500	
	State License	Voice 25KHz	765-768	773.787500	803.787500	
	State License	Voice 25KHz	853-856	774.337500	804.337500	
<a href="#">Bear Lake</a>	General Use	Voice 12.5KHz	59-60	769.368750	799.368750	
	General Use	Voice 12.5KHz	137-138	769.856250	799.856250	
	General Use	Voice 12.5KHz	161-162	770.006250	800.006250	
	General Use	Voice 12.5KHz	251-252	770.568750	800.568750	
	General Use	Voice 12.5KHz	291-292	770.818750	800.818750	
	General Use	Voice 12.5KHz	347-348	771.168750	801.168750	
	General Use	Voice 12.5KHz	375-376	771.343750	801.343750	
	General Use	Voice 12.5KHz	423-424	771.643750	801.643750	
	General Use	Voice 12.5KHz	451-452	771.818750	801.818750	
	General Use	Voice 12.5KHz	477-478	771.981250	801.981250	
	General Use	Voice 12.5KHz	503-504	772.143750	802.143750	
	General Use	Voice 12.5KHz	527-528	772.293750	802.293750	
	General Use	Voice 12.5KHz	553-554	772.456250	802.456250	
	General Use	Voice 12.5KHz	617-618	772.856250	802.856250	
	General Use	Voice 12.5KHz	709-710	773.431250	803.431250	
	General Use	Voice 12.5KHz	749-750	773.681250	803.681250	
	General Use	Voice 12.5KHz	863-864	774.393750	804.393750	
	State License	Voice 25KHz	73-76	769.462500	799.462500	
	State	Voice	685-688	773.287500	803.287500	

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	License	25KHz				
<a href="#">Benewah</a>	General Use	Voice 12.5KHz	59-60	769.368750	799.368750	
	General Use	Voice 12.5KHz	341-342	771.131250	801.131250	
	General Use	Voice 12.5KHz	419-420	771.618750	801.618750	
	General Use	Voice 12.5KHz	467-468	771.918750	801.918750	
	General Use	Voice 12.5KHz	527-528	772.293750	802.293750	
	General Use	Voice 12.5KHz	581-582	772.631250	802.631250	
	General Use	Voice 12.5KHz	609-610	772.806250	802.806250	
	General Use	Voice 12.5KHz	679-680	773.243750	803.243750	
	General Use	Voice 12.5KHz	709-710	773.431250	803.431250	
	General Use	Voice 12.5KHz	799-800	773.993750	803.993750	
	General Use	Voice 12.5KHz	877-878	774.481250	804.481250	
	State License	Voice 25KHz	185-188	770.162500	800.162500	
	State License	Voice 25KHz	773-776	773.837500	803.837500	
<a href="#">Bingham</a>	General Use	Voice 12.5KHz	13-14	769.081250	799.081250	
	General Use	Voice 12.5KHz	51-52	769.318750	799.318750	
	General Use	Voice 12.5KHz	87-88	769.543750	799.543750	
	General Use	Voice 12.5KHz	135-136	769.843750	799.843750	
	General Use	Voice 12.5KHz	167-168	770.043750	800.043750	
	General Use	Voice 12.5KHz	217-218	770.356250	800.356250	
	General Use	Voice 12.5KHz	259-260	770.618750	800.618750	
	General Use	Voice 12.5KHz	293-294	770.831250	800.831250	
	General Use	Voice 12.5KHz	331-332	771.068750	801.068750	
	General Use	Voice 12.5KHz	355-356	771.218750	801.218750	
	General Use	Voice 12.5KHz	379-380	771.368750	801.368750	

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	General Use	Voice 12.5KHz	403-404	771.518750	801.518750	
	General Use	Voice 12.5KHz	427-428	771.668750	801.668750	
	General Use	Voice 12.5KHz	457-458	771.856250	801.856250	
	General Use	Voice 12.5KHz	481-482	772.006250	802.006250	
	General Use	Voice 12.5KHz	507-508	772.168750	802.168750	
	General Use	Voice 12.5KHz	531-532	772.318750	802.318750	
	General Use	Voice 12.5KHz	555-556	772.468750	802.468750	
	General Use	Voice 12.5KHz	579-580	772.618750	802.618750	
	General Use	Voice 12.5KHz	603-604	772.768750	802.768750	
	General Use	Voice 12.5KHz	627-628	772.918750	802.918750	
	General Use	Voice 12.5KHz	669-670	773.181250	803.181250	
	General Use	Voice 12.5KHz	701-702	773.381250	803.381250	
	General Use	Voice 12.5KHz	751-752	773.693750	803.693750	
	General Use	Voice 12.5KHz	787-788	773.918750	803.918750	
	General Use	Voice 12.5KHz	829-830	774.181250	804.181250	
	General Use	Voice 12.5KHz	871-872	774.443750	804.443750	
	General Use	Voice 12.5KHz	913-914	774.706250	804.706250	
	General Use	Voice 12.5KHz	947-948	774.918750	804.918750	
	State License	Voice 25KHz	105-108	769.662500	799.662500	
	State License	Voice 25KHz	185-188	770.162500	800.162500	
	State License	Voice 25KHz	305-308	770.912500	800.912500	
	State License	Voice 25KHz	653-656	773.087500	803.087500	
	State License	Voice 25KHz	733-736	773.587500	803.587500	
	State License	Voice 25KHz	813-816	774.087500	804.087500	
<a href="#">Blaine</a>	General Use	Voice	59-60	769.368750	799.368750	

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		12.5KHz				
	General Use	Voice 12.5KHz	99-100	769.618750	799.618750	
	General Use	Voice 12.5KHz	129-130	769.806250	799.806250	
	General Use	Voice 12.5KHz	161-162	770.006250	800.006250	
	General Use	Voice 12.5KHz	209-210	770.306250	800.306250	
	General Use	Voice 12.5KHz	241-242	770.506250	800.506250	
	General Use	Voice 12.5KHz	327-328	771.043750	801.043750	
	General Use	Voice 12.5KHz	351-352	771.193750	801.193750	
	General Use	Voice 12.5KHz	375-376	771.343750	801.343750	
	General Use	Voice 12.5KHz	399-400	771.493750	801.493750	
	General Use	Voice 12.5KHz	423-424	771.643750	801.643750	
	General Use	Voice 12.5KHz	463-464	771.893750	801.893750	
	General Use	Voice 12.5KHz	503-504	772.143750	802.143750	
	General Use	Voice 12.5KHz	527-528	772.293750	802.293750	
	General Use	Voice 12.5KHz	551-552	772.443750	802.443750	
	General Use	Voice 12.5KHz	575-576	772.593750	802.593750	
	General Use	Voice 12.5KHz	599-600	772.743750	802.743750	
	General Use	Voice 12.5KHz	623-624	772.893750	802.893750	
	General Use	Voice 12.5KHz	665-666	773.156250	803.156250	
	General Use	Voice 12.5KHz	713-714	773.456250	803.456250	
	General Use	Voice 12.5KHz	745-746	773.656250	803.656250	
	General Use	Voice 12.5KHz	791-792	773.943750	803.943750	
	General Use	Voice 12.5KHz	823-824	774.143750	804.143750	
	General Use	Voice 12.5KHz	879-880	774.493750	804.493750	
	State License	Voice 25KHz	769-772	773.812500	803.812500	

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	State License	Voice 25KHz	849-852	774.312500	804.312500	
	State License	Voice 25KHz	929-932	774.812500	804.812500	
<a href="#">Boise</a>	General Use	Voice 12.5KHz	219-220	770.368750	800.368750	
	General Use	Voice 12.5KHz	259-260	770.618750	800.618750	
	General Use	Voice 12.5KHz	321-322	771.006250	801.006250	
	General Use	Voice 12.5KHz	345-346	771.156250	801.156250	
	General Use	Voice 12.5KHz	369-370	771.306250	801.306250	
	General Use	Voice 12.5KHz	393-394	771.456250	801.456250	
	General Use	Voice 12.5KHz	455-456	771.843750	801.843750	
	General Use	Voice 12.5KHz	479-480	771.993750	801.993750	
	General Use	Voice 12.5KHz	507-508	772.168750	802.168750	
	General Use	Voice 12.5KHz	531-532	772.318750	802.318750	
	General Use	Voice 12.5KHz	555-556	772.468750	802.468750	
	General Use	Voice 12.5KHz	579-580	772.618750	802.618750	
	General Use	Voice 12.5KHz	603-604	772.768750	802.768750	
	General Use	Voice 12.5KHz	627-628	772.918750	802.918750	
	General Use	Voice 12.5KHz	675-676	773.218750	803.218750	
	General Use	Voice 12.5KHz	759-760	773.743750	803.743750	
	General Use	Voice 12.5KHz	831-832	774.193750	804.193750	
	General Use	Voice 12.5KHz	871-872	774.443750	804.443750	
	General Use	Voice 12.5KHz	907-908	774.668750	804.668750	
	State License	Voice 25KHz	313-316	770.962500	800.962500	
	State License	Voice 25KHz	689-692	773.312500	803.312500	
<a href="#">Bonner</a>	General Use	Voice 12.5KHz	89-90	769.556250	799.556250	
	General Use	Voice	125-126	769.781250	799.781250	

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		12.5KHz				
	General Use	Voice 12.5KHz	247-248	770.543750	800.543750	
	General Use	Voice 12.5KHz	293-294	770.831250	800.831250	
	General Use	Voice 12.5KHz	329-330	771.056250	801.056250	
	General Use	Voice 12.5KHz	361-362	771.256250	801.256250	
	General Use	Voice 12.5KHz	399-400	771.493750	801.493750	
	General Use	Voice 12.5KHz	437-438	771.731250	801.731250	
	General Use	Voice 12.5KHz	461-462	771.881250	801.881250	
	General Use	Voice 12.5KHz	485-486	772.031250	802.031250	
	General Use	Voice 12.5KHz	541-542	772.381250	802.381250	
	General Use	Voice 12.5KHz	583-584	772.643750	802.643750	
	General Use	Voice 12.5KHz	613-614	772.831250	802.831250	
	General Use	Voice 12.5KHz	665-666	773.156250	803.156250	
	General Use	Voice 12.5KHz	705-706	773.406250	803.406250	
	General Use	Voice 12.5KHz	751-752	773.693750	803.693750	
	General Use	Voice 12.5KHz	791-792	773.943750	803.943750	
	General Use	Voice 12.5KHz	831-832	774.193750	804.193750	
	General Use	Voice 12.5KHz	879-880	774.493750	804.493750	
	General Use	Voice 12.5KHz	909-910	774.681250	804.681250	
	State License	Voice 25KHz	65-68	769.412500	799.412500	
	State License	Voice 25KHz	653-656	773.087500	803.087500	
	State License	Voice 25KHz	893-896	774.587500	804.587500	
<a href="#">Bonnevill e</a>	General Use	Voice 12.5KHz	41-42	769.256250	799.256250	
	General Use	Voice 12.5KHz	81-82	769.506250	799.506250	
	General Use	Voice 12.5KHz	121-122	769.756250	799.756250	

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	General Use	Voice 12.5KHz	177-178	770.106250	800.106250	
	General Use	Voice 12.5KHz	211-212	770.318750	800.318750	
	General Use	Voice 12.5KHz	253-254	770.581250	800.581250	
	General Use	Voice 12.5KHz	287-288	770.793750	800.793750	
	General Use	Voice 12.5KHz	321-322	771.006250	801.006250	
	General Use	Voice 12.5KHz	345-346	771.156250	801.156250	
	General Use	Voice 12.5KHz	369-370	771.306250	801.306250	
	General Use	Voice 12.5KHz	393-394	771.456250	801.456250	
	General Use	Voice 12.5KHz	417-418	771.606250	801.606250	
	General Use	Voice 12.5KHz	443-444	771.768750	801.768750	
	General Use	Voice 12.5KHz	467-468	771.918750	801.918750	
	General Use	Voice 12.5KHz	491-492	772.068750	802.068750	
	General Use	Voice 12.5KHz	515-516	772.218750	802.218750	
	General Use	Voice 12.5KHz	539-540	772.368750	802.368750	
	General Use	Voice 12.5KHz	563-564	772.518750	802.518750	
	General Use	Voice 12.5KHz	587-588	772.668750	802.668750	
	General Use	Voice 12.5KHz	613-614	772.831250	802.831250	
	General Use	Voice 12.5KHz	639-640	772.993750	802.993750	
	General Use	Voice 12.5KHz	663-664	773.143750	803.143750	
	General Use	Voice 12.5KHz	707-708	773.418750	803.418750	
	General Use	Voice 12.5KHz	743-744	773.643750	803.643750	
	General Use	Voice 12.5KHz	783-784	773.893750	803.893750	
	General Use	Voice 12.5KHz	825-826	774.156250	804.156250	
	General Use	Voice 12.5KHz	867-868	774.418750	804.418750	
	General Use	Voice	905-906	774.656250	804.656250	

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		12.5KHz				
	General Use	Voice 12.5KHz	943-944	774.893750	804.893750	
	State License	Voice 25KHz	33-36	769.212500	799.212500	
	State License	Voice 25KHz	145-148	769.912500	799.912500	
	State License	Voice 25KHz	229-232	770.437500	800.437500	
	State License	Voice 25KHz	273-276	770.712500	800.712500	
	State License	Voice 25KHz	645-648	773.037500	803.037500	
	State License	Voice 25KHz	693-696	773.337500	803.337500	
	State License	Voice 25KHz	805-808	774.037500	804.037500	
	State License	Voice 25KHz	925-928	774.787500	804.787500	
<a href="#">Boundary</a>	General Use	Voice 12.5KHz	17-18	769.106250	799.106250	
	General Use	Voice 12.5KHz	57-58	769.356250	799.356250	
	General Use	Voice 12.5KHz	81-82	769.506250	799.506250	
	General Use	Voice 12.5KHz	139-140	769.868750	799.868750	
	General Use	Voice 12.5KHz	179-180	770.118750	800.118750	
	General Use	Voice 12.5KHz	205-206	770.281250	800.281250	
	General Use	Voice 12.5KHz	259-260	770.618750	800.618750	
	General Use	Voice 12.5KHz	299-300	770.868750	800.868750	
	General Use	Voice 12.5KHz	323-324	771.018750	801.018750	
	General Use	Voice 12.5KHz	357-358	771.231250	801.231250	
	General Use	Voice 12.5KHz	383-384	771.393750	801.393750	
	General Use	Voice 12.5KHz	407-408	771.543750	801.543750	
	General Use	Voice 12.5KHz	431-432	771.693750	801.693750	
	General Use	Voice 12.5KHz	455-456	771.843750	801.843750	
	General Use	Voice 12.5KHz	481-482	772.006250	802.006250	



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	General Use	Voice 12.5KHz	527-528	772.293750	802.293750	
	General Use	Voice 12.5KHz	555-556	772.468750	802.468750	
	General Use	Voice 12.5KHz	595-596	772.718750	802.718750	
	General Use	Voice 12.5KHz	623-624	772.893750	802.893750	
	General Use	Voice 12.5KHz	669-670	773.181250	803.181250	
	General Use	Voice 12.5KHz	711-712	773.443750	803.443750	
	General Use	Voice 12.5KHz	745-746	773.656250	803.656250	
	General Use	Voice 12.5KHz	785-786	773.906250	803.906250	
	General Use	Voice 12.5KHz	825-826	774.156250	804.156250	
	General Use	Voice 12.5KHz	863-864	774.393750	804.393750	
	General Use	Voice 12.5KHz	917-918	774.731250	804.731250	
	State License	Voice 25KHz	105-108	769.662500	799.662500	
	State License	Voice 25KHz	185-188	770.162500	800.162500	
	State License	Voice 25KHz	729-732	773.562500	803.562500	
	State License	Voice 25KHz	773-776	773.837500	803.837500	
	State License	Voice 25KHz	929-932	774.812500	804.812500	
<a href="#">But t e</a>	General Use	Voice 12.5KHz	17-18	769.106250	799.106250	
	General Use	Voice 12.5KHz	47-48	769.293750	799.293750	
	General Use	Voice 12.5KHz	179-180	770.118750	800.118750	
	General Use	Voice 12.5KHz	247-248	770.543750	800.543750	
	General Use	Voice 12.5KHz	347-348	771.168750	801.168750	
	General Use	Voice 12.5KHz	371-372	771.318750	801.318750	
	General Use	Voice 12.5KHz	395-396	771.468750	801.468750	
	General Use	Voice 12.5KHz	419-420	771.618750	801.618750	
	General Use	Voice	451-452	771.818750	801.818750	

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		12.5KHz				
	General Use	Voice 12.5KHz	513-514	772.206250	802.206250	
	General Use	Voice 12.5KHz	565-566	772.531250	802.531250	
	General Use	Voice 12.5KHz	593-594	772.706250	802.706250	
	General Use	Voice 12.5KHz	617-618	772.856250	802.856250	
	General Use	Voice 12.5KHz	679-680	773.243750	803.243750	
	General Use	Voice 12.5KHz	709-710	773.431250	803.431250	
	General Use	Voice 12.5KHz	907-908	774.668750	804.668750	
	State License	Voice 25KHz	149-152	769.937500	799.937500	
	State License	Voice 25KHz	225-228	770.412500	800.412500	
	State License	Voice 25KHz	885-888	774.537500	804.537500	
<a href="#">Cam as</a>	General Use	Voice 12.5KHz	19-20	769.118750	799.118750	
	General Use	Voice 12.5KHz	49-50	769.306250	799.306250	
	General Use	Voice 12.5KHz	81-82	769.506250	799.506250	
	General Use	Voice 12.5KHz	125-126	769.781250	799.781250	
	General Use	Voice 12.5KHz	177-178	770.106250	800.106250	
	General Use	Voice 12.5KHz	251-252	770.568750	800.568750	
	General Use	Voice 12.5KHz	293-294	770.831250	800.831250	
	General Use	Voice 12.5KHz	383-384	771.393750	801.393750	
	General Use	Voice 12.5KHz	407-408	771.543750	801.543750	
	General Use	Voice 12.5KHz	437-438	771.731250	801.731250	
	General Use	Voice 12.5KHz	469-470	771.931250	801.931250	
	General Use	Voice 12.5KHz	493-494	772.081250	802.081250	
	General Use	Voice 12.5KHz	517-518	772.231250	802.231250	
	General Use	Voice 12.5KHz	541-542	772.381250	802.381250	

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	General Use	Voice 12.5KHz	585-586	772.656250	802.656250	
	General Use	Voice 12.5KHz	609-610	772.806250	802.806250	
	General Use	Voice 12.5KHz	633-634	772.956250	802.956250	
	General Use	Voice 12.5KHz	797-798	773.981250	803.981250	
	General Use	Voice 12.5KHz	915-916	774.718750	804.718750	
	State License	Voice 25KHz	73-76	769.462500	799.462500	
	State License	Voice 25KHz	809-812	774.062500	804.062500	
<a href="#">Canyon</a>	General Use	Voice 12.5KHz	19-20	769.118750	799.118750	
	General Use	Voice 12.5KHz	49-50	769.306250	799.306250	
	General Use	Voice 12.5KHz	97-98	769.606250	799.606250	
	General Use	Voice 12.5KHz	139-140	769.868750	799.868750	
	General Use	Voice 12.5KHz	179-180	770.118750	800.118750	
	General Use	Voice 12.5KHz	209-210	770.306250	800.306250	
	General Use	Voice 12.5KHz	247-248	770.543750	800.543750	
	General Use	Voice 12.5KHz	299-300	770.868750	800.868750	
	General Use	Voice 12.5KHz	329-330	771.056250	801.056250	
	General Use	Voice 12.5KHz	353-354	771.206250	801.206250	
	General Use	Voice 12.5KHz	377-378	771.356250	801.356250	
	General Use	Voice 12.5KHz	405-406	771.531250	801.531250	
	General Use	Voice 12.5KHz	429-430	771.681250	801.681250	
	General Use	Voice 12.5KHz	453-454	771.831250	801.831250	
	General Use	Voice 12.5KHz	477-478	771.981250	801.981250	
	General Use	Voice 12.5KHz	505-506	772.156250	802.156250	
	General Use	Voice 12.5KHz	529-530	772.306250	802.306250	
	General Use	Voice	553-554	772.456250	802.456250	

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		12.5KHz				
	General Use	Voice 12.5KHz	577-578	772.606250	802.606250	
	General Use	Voice 12.5KHz	601-602	772.756250	802.756250	
	General Use	Voice 12.5KHz	625-626	772.906250	802.906250	
	General Use	Voice 12.5KHz	667-668	773.168750	803.168750	
	General Use	Voice 12.5KHz	707-708	773.418750	803.418750	
	General Use	Voice 12.5KHz	745-746	773.656250	803.656250	
	General Use	Voice 12.5KHz	789-790	773.931250	803.931250	
	General Use	Voice 12.5KHz	829-830	774.181250	804.181250	
	General Use	Voice 12.5KHz	869-870	774.431250	804.431250	
	General Use	Voice 12.5KHz	905-906	774.656250	804.656250	
	General Use	Voice 12.5KHz	945-946	774.906250	804.906250	
	State License	Voice 25KHz	145-148	769.912500	799.912500	
	State License	Voice 25KHz	193-196	770.212500	800.212500	
	State License	Voice 25KHz	273-276	770.712500	800.712500	
	State License	Voice 25KHz	653-656	773.087500	803.087500	
	State License	Voice 25KHz	693-696	773.337500	803.337500	
	State License	Voice 25KHz	853-856	774.337500	804.337500	
	State License	Voice 25KHz	933-936	774.837500	804.837500	
<a href="#">Cari bou</a>	General Use	Voice 12.5KHz	47-48	769.293750	799.293750	
	General Use	Voice 12.5KHz	97-98	769.606250	799.606250	
	General Use	Voice 12.5KHz	131-132	769.818750	799.818750	
	General Use	Voice 12.5KHz	247-248	770.543750	800.543750	
	General Use	Voice 12.5KHz	335-336	771.093750	801.093750	
	General Use	Voice 12.5KHz	359-360	771.243750	801.243750	

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	General Use	Voice 12.5KHz	383-384	771.393750	801.393750	
	General Use	Voice 12.5KHz	407-408	771.543750	801.543750	
	General Use	Voice 12.5KHz	431-432	771.693750	801.693750	
	General Use	Voice 12.5KHz	461-462	771.881250	801.881250	
	General Use	Voice 12.5KHz	511-512	772.193750	802.193750	
	General Use	Voice 12.5KHz	535-536	772.343750	802.343750	
	General Use	Voice 12.5KHz	567-568	772.543750	802.543750	
	General Use	Voice 12.5KHz	591-592	772.693750	802.693750	
	General Use	Voice 12.5KHz	679-680	773.243750	803.243750	
	General Use	Voice 12.5KHz	719-720	773.493750	803.493750	
	General Use	Voice 12.5KHz	797-798	773.981250	803.981250	
	General Use	Voice 12.5KHz	835-836	774.218750	804.218750	
	General Use	Voice 12.5KHz	917-918	774.731250	804.731250	
	State License	Voice 25KHz	193-196	770.212500	800.212500	
	State License	Voice 25KHz	885-888	774.537500	804.537500	
<a href="#">Cassi a</a>	General Use	Voice 12.5KHz	81-82	769.506250	799.506250	
	General Use	Voice 12.5KHz	123-124	769.768750	799.768750	
	General Use	Voice 12.5KHz	177-178	770.106250	800.106250	
	General Use	Voice 12.5KHz	201-202	770.256250	800.256250	
	General Use	Voice 12.5KHz	287-288	770.793750	800.793750	
	General Use	Voice 12.5KHz	333-334	771.081250	801.081250	
	General Use	Voice 12.5KHz	357-358	771.231250	801.231250	
	General Use	Voice 12.5KHz	381-382	771.381250	801.381250	
	General Use	Voice 12.5KHz	407-408	771.543750	801.543750	
	General Use	Voice	431-432	771.693750	801.693750	

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		12.5KHz				
	General Use	Voice 12.5KHz	455-456	771.843750	801.843750	
	General Use	Voice 12.5KHz	495-496	772.093750	802.093750	
	General Use	Voice 12.5KHz	519-520	772.243750	802.243750	
	General Use	Voice 12.5KHz	543-544	772.393750	802.393750	
	General Use	Voice 12.5KHz	567-568	772.543750	802.543750	
	General Use	Voice 12.5KHz	591-592	772.693750	802.693750	
	General Use	Voice 12.5KHz	615-616	772.843750	802.843750	
	General Use	Voice 12.5KHz	639-640	772.993750	802.993750	
	General Use	Voice 12.5KHz	673-674	773.206250	803.206250	
	General Use	Voice 12.5KHz	707-708	773.418750	803.418750	
	General Use	Voice 12.5KHz	757-758	773.731250	803.731250	
	General Use	Voice 12.5KHz	785-786	773.906250	803.906250	
	General Use	Voice 12.5KHz	831-832	774.193750	804.193750	
	General Use	Voice 12.5KHz	869-870	774.431250	804.431250	
	General Use	Voice 12.5KHz	917-918	774.731250	804.731250	
	State License	Voice 25KHz	73-76	769.462500	799.462500	
	State License	Voice 25KHz	145-148	769.912500	799.912500	
	State License	Voice 25KHz	225-228	770.412500	800.412500	
	State License	Voice 25KHz	693-696	773.337500	803.337500	
<a href="#">Clark</a>	General Use	Voice 12.5KHz	137-138	769.856250	799.856250	
	General Use	Voice 12.5KHz	163-164	770.018750	800.018750	
	General Use	Voice 12.5KHz	213-214	770.331250	800.331250	
	General Use	Voice 12.5KHz	243-244	770.518750	800.518750	
	General Use	Voice 12.5KHz	343-344	771.143750	801.143750	

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	General Use	Voice 12.5KHz	367-368	771.293750	801.293750	
	General Use	Voice 12.5KHz	455-456	771.843750	801.843750	
	General Use	Voice 12.5KHz	479-480	771.993750	801.993750	
	General Use	Voice 12.5KHz	585-586	772.656250	802.656250	
	General Use	Voice 12.5KHz	611-612	772.818750	802.818750	
	General Use	Voice 12.5KHz	637-638	772.981250	802.981250	
	General Use	Voice 12.5KHz	747-748	773.668750	803.668750	
	General Use	Voice 12.5KHz	785-786	773.906250	803.906250	
	General Use	Voice 12.5KHz	911-912	774.693750	804.693750	
	State License	Voice 25KHz	269-272	770.687500	800.687500	
<a href="#">Clearwater</a>	General Use	Voice 12.5KHz	81-82	769.506250	799.506250	
	General Use	Voice 12.5KHz	253-254	770.581250	800.581250	
	General Use	Voice 12.5KHz	293-294	770.831250	800.831250	
	General Use	Voice 12.5KHz	325-326	771.031250	801.031250	
	General Use	Voice 12.5KHz	373-374	771.331250	801.331250	
	General Use	Voice 12.5KHz	399-400	771.493750	801.493750	
	General Use	Voice 12.5KHz	443-444	771.768750	801.768750	
	General Use	Voice 12.5KHz	491-492	772.068750	802.068750	
	General Use	Voice 12.5KHz	519-520	772.243750	802.243750	
	General Use	Voice 12.5KHz	563-564	772.518750	802.518750	
	General Use	Voice 12.5KHz	713-714	773.456250	803.456250	
	General Use	Voice 12.5KHz	781-782	773.881250	803.881250	
	General Use	Voice 12.5KHz	833-834	774.206250	804.206250	
	State License	Voice 25KHz	65-68	769.412500	799.412500	
	State	Voice	113-116	769.712500	799.712500	

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	License	25KHz				
	State License	Voice 25KHz	765-768	773.787500	803.787500	
<a href="#">Cust er</a>	General Use	Voice 12.5KHz	43-44	769.268750	799.268750	
	General Use	Voice 12.5KHz	85-86	769.531250	799.531250	
	General Use	Voice 12.5KHz	165-166	770.031250	800.031250	
	General Use	Voice 12.5KHz	255-256	770.593750	800.593750	
	General Use	Voice 12.5KHz	289-290	770.806250	800.806250	
	General Use	Voice 12.5KHz	339-340	771.118750	801.118750	
	General Use	Voice 12.5KHz	365-366	771.281250	801.281250	
	General Use	Voice 12.5KHz	389-390	771.431250	801.431250	
	General Use	Voice 12.5KHz	443-444	771.768750	801.768750	
	General Use	Voice 12.5KHz	489-490	772.056250	802.056250	
	General Use	Voice 12.5KHz	535-536	772.343750	802.343750	
	General Use	Voice 12.5KHz	559-560	772.493750	802.493750	
	General Use	Voice 12.5KHz	589-590	772.681250	802.681250	
	General Use	Voice 12.5KHz	717-718	773.481250	803.481250	
	General Use	Voice 12.5KHz	839-840	774.243750	804.243750	
	General Use	Voice 12.5KHz	863-864	774.393750	804.393750	
	General Use	Voice 12.5KHz	943-944	774.893750	804.893750	
	State License	Voice 25KHz	189-192	770.187500	800.187500	
	State License	Voice 25KHz	649-652	773.062500	803.062500	
<a href="#">Elm ore</a>	General Use	Voice 12.5KHz	53-54	769.331250	799.331250	
	General Use	Voice 12.5KHz	95-96	769.593750	799.593750	
	General Use	Voice 12.5KHz	171-172	770.068750	800.068750	
	General Use	Voice 12.5KHz	213-214	770.331250	800.331250	



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	General Use	Voice 12.5KHz	245-246	770.531250	800.531250	
	General Use	Voice 12.5KHz	281-282	770.756250	800.756250	
	General Use	Voice 12.5KHz	331-332	771.068750	801.068750	
	General Use	Voice 12.5KHz	355-356	771.218750	801.218750	
	General Use	Voice 12.5KHz	379-380	771.368750	801.368750	
	General Use	Voice 12.5KHz	403-404	771.518750	801.518750	
	General Use	Voice 12.5KHz	427-428	771.668750	801.668750	
	General Use	Voice 12.5KHz	451-452	771.818750	801.818750	
	General Use	Voice 12.5KHz	475-476	771.968750	801.968750	
	General Use	Voice 12.5KHz	499-500	772.118750	802.118750	
	General Use	Voice 12.5KHz	523-524	772.268750	802.268750	
	General Use	Voice 12.5KHz	547-548	772.418750	802.418750	
	General Use	Voice 12.5KHz	571-572	772.568750	802.568750	
	General Use	Voice 12.5KHz	595-596	772.718750	802.718750	
	General Use	Voice 12.5KHz	619-620	772.868750	802.868750	
	General Use	Voice 12.5KHz	669-670	773.181250	803.181250	
	General Use	Voice 12.5KHz	709-710	773.431250	803.431250	
	General Use	Voice 12.5KHz	749-750	773.681250	803.681250	
	General Use	Voice 12.5KHz	787-788	773.918750	803.918750	
	General Use	Voice 12.5KHz	827-828	774.168750	804.168750	
	General Use	Voice 12.5KHz	867-868	774.418750	804.418750	
	General Use	Voice 12.5KHz	911-912	774.693750	804.693750	
	State License	Voice 25KHz	33-36	769.212500	799.212500	
	State License	Voice 25KHz	149-152	769.937500	799.937500	
	State	Voice	233-236	770.462500	800.462500	

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	License	25KHz				
	State License	Voice 25KHz	733-736	773.587500	803.587500	
	State License	Voice 25KHz	893-896	774.587500	804.587500	
<a href="#">Franklin</a>	General Use	Voice 12.5KHz	55-56	769.343750	799.343750	
	General Use	Voice 12.5KHz	127-128	769.793750	799.793750	
	General Use	Voice 12.5KHz	173-174	770.081250	800.081250	
	General Use	Voice 12.5KHz	201-202	770.256250	800.256250	
	General Use	Voice 12.5KHz	255-256	770.593750	800.593750	
	General Use	Voice 12.5KHz	283-284	770.768750	800.768750	
	General Use	Voice 12.5KHz	329-330	771.056250	801.056250	
	General Use	Voice 12.5KHz	401-402	771.506250	801.506250	
	General Use	Voice 12.5KHz	435-436	771.718750	801.718750	
	General Use	Voice 12.5KHz	471-472	771.943750	801.943750	
	General Use	Voice 12.5KHz	495-496	772.093750	802.093750	
	General Use	Voice 12.5KHz	519-520	772.243750	802.243750	
	General Use	Voice 12.5KHz	543-544	772.393750	802.393750	
	General Use	Voice 12.5KHz	581-582	772.631250	802.631250	
	General Use	Voice 12.5KHz	637-638	772.981250	802.981250	
	General Use	Voice 12.5KHz	665-666	773.156250	803.156250	
	General Use	Voice 12.5KHz	715-716	773.468750	803.468750	
	General Use	Voice 12.5KHz	753-754	773.706250	803.706250	
	General Use	Voice 12.5KHz	785-786	773.906250	803.906250	
	General Use	Voice 12.5KHz	839-840	774.243750	804.243750	
	General Use	Voice 12.5KHz	907-908	774.668750	804.668750	
	State License	Voice 25KHz	149-152	769.937500	799.937500	

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	State License	Voice 25KHz	225-228	770.412500	800.412500	
<a href="#">F rem ont</a>	General Use	Voice 12.5KHz	19-20	769.118750	799.118750	
	General Use	Voice 12.5KHz	99-100	769.618750	799.618750	
	General Use	Voice 12.5KHz	169-170	770.056250	800.056250	
	General Use	Voice 12.5KHz	219-220	770.368750	800.368750	
	General Use	Voice 12.5KHz	249-250	770.556250	800.556250	
	General Use	Voice 12.5KHz	289-290	770.806250	800.806250	
	General Use	Voice 12.5KHz	323-324	771.018750	801.018750	
	General Use	Voice 12.5KHz	349-350	771.181250	801.181250	
	General Use	Voice 12.5KHz	389-390	771.431250	801.431250	
	General Use	Voice 12.5KHz	433-434	771.706250	801.706250	
	General Use	Voice 12.5KHz	459-460	771.868750	801.868750	
	General Use	Voice 12.5KHz	505-506	772.156250	802.156250	
	General Use	Voice 12.5KHz	535-536	772.343750	802.343750	
	General Use	Voice 12.5KHz	561-562	772.506250	802.506250	
	General Use	Voice 12.5KHz	589-590	772.681250	802.681250	
	General Use	Voice 12.5KHz	661-662	773.131250	803.131250	
	General Use	Voice 12.5KHz	741-742	773.631250	803.631250	
	General Use	Voice 12.5KHz	797-798	773.981250	803.981250	
	General Use	Voice 12.5KHz	823-824	774.143750	804.143750	
	General Use	Voice 12.5KHz	865-866	774.406250	804.406250	
	General Use	Voice 12.5KHz	903-904	774.643750	804.643750	
	State License	Voice 25KHz	73-76	769.462500	799.462500	
	State License	Voice 25KHz	233-236	770.462500	800.462500	
	State	Voice	933-936	774.837500	804.837500	

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	License	25KHz				
<a href="#">G em</a>	General Use	Voice 12.5KHz	55-56	769.343750	799.343750	
	General Use	Voice 12.5KHz	83-84	769.518750	799.518750	
	General Use	Voice 12.5KHz	131-132	769.818750	799.818750	
	General Use	Voice 12.5KHz	161-162	770.006250	800.006250	
	General Use	Voice 12.5KHz	201-202	770.256250	800.256250	
	General Use	Voice 12.5KHz	243-244	770.518750	800.518750	
	General Use	Voice 12.5KHz	291-292	770.818750	800.818750	
	General Use	Voice 12.5KHz	333-334	771.081250	801.081250	
	General Use	Voice 12.5KHz	363-364	771.268750	801.268750	
	General Use	Voice 12.5KHz	387-388	771.418750	801.418750	
	General Use	Voice 12.5KHz	411-412	771.568750	801.568750	
	General Use	Voice 12.5KHz	435-436	771.718750	801.718750	
	General Use	Voice 12.5KHz	467-468	771.918750	801.918750	
	General Use	Voice 12.5KHz	491-492	772.068750	802.068750	
	General Use	Voice 12.5KHz	515-516	772.218750	802.218750	
	General Use	Voice 12.5KHz	561-562	772.506250	802.506250	
	General Use	Voice 12.5KHz	585-586	772.656250	802.656250	
	General Use	Voice 12.5KHz	621-622	772.881250	802.881250	
	General Use	Voice 12.5KHz	671-672	773.193750	803.193750	
	General Use	Voice 12.5KHz	711-712	773.443750	803.443750	
	General Use	Voice 12.5KHz	751-752	773.693750	803.693750	
	General Use	Voice 12.5KHz	835-836	774.218750	804.218750	
	General Use	Voice 12.5KHz	875-876	774.468750	804.468750	
	General Use	Voice 12.5KHz	915-916	774.718750	804.718750	

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	State License	Voice 25KHz	153-156	769.962500	799.962500	
	State License	Voice 25KHz	773-776	773.837500	803.837500	
	State License	Voice 25KHz	813-816	774.087500	804.087500	
<a href="#">Gooding</a>	General Use	Voice 12.5KHz	41-42	769.256250	799.256250	
	General Use	Voice 12.5KHz	121-122	769.756250	799.756250	
	General Use	Voice 12.5KHz	203-204	770.268750	800.268750	
	General Use	Voice 12.5KHz	285-286	770.781250	800.781250	
	General Use	Voice 12.5KHz	335-336	771.093750	801.093750	
	General Use	Voice 12.5KHz	359-360	771.243750	801.243750	
	General Use	Voice 12.5KHz	387-388	771.418750	801.418750	
	General Use	Voice 12.5KHz	413-414	771.581250	801.581250	
	General Use	Voice 12.5KHz	461-462	771.881250	801.881250	
	General Use	Voice 12.5KHz	505-506	772.156250	802.156250	
	General Use	Voice 12.5KHz	529-530	772.306250	802.306250	
	General Use	Voice 12.5KHz	553-554	772.456250	802.456250	
	General Use	Voice 12.5KHz	601-602	772.756250	802.756250	
	General Use	Voice 12.5KHz	629-630	772.931250	802.931250	
	General Use	Voice 12.5KHz	675-676	773.218750	803.218750	
	General Use	Voice 12.5KHz	705-706	773.406250	803.406250	
	General Use	Voice 12.5KHz	759-760	773.743750	803.743750	
	General Use	Voice 12.5KHz	877-878	774.481250	804.481250	
	General Use	Voice 12.5KHz	919-920	774.743750	804.743750	
	State License	Voice 25KHz	193-196	770.212500	800.212500	
	State License	Voice 25KHz	269-272	770.687500	800.687500	
	State	Voice	725-728	773.537500	803.537500	

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	License	25KHz				
<a href="#">Idaho</a>	General Use	Voice 12.5KHz	19-20	769.118750	799.118750	
	General Use	Voice 12.5KHz	133-134	769.831250	799.831250	
	General Use	Voice 12.5KHz	167-168	770.043750	800.043750	
	General Use	Voice 12.5KHz	215-216	770.343750	800.343750	
	General Use	Voice 12.5KHz	247-248	770.543750	800.543750	
	General Use	Voice 12.5KHz	287-288	770.793750	800.793750	
	General Use	Voice 12.5KHz	335-336	771.093750	801.093750	
	General Use	Voice 12.5KHz	367-368	771.293750	801.293750	
	General Use	Voice 12.5KHz	391-392	771.443750	801.443750	
	General Use	Voice 12.5KHz	419-420	771.618750	801.618750	
	General Use	Voice 12.5KHz	449-450	771.806250	801.806250	
	General Use	Voice 12.5KHz	473-474	771.956250	801.956250	
	General Use	Voice 12.5KHz	505-506	772.156250	802.156250	
	General Use	Voice 12.5KHz	533-534	772.331250	802.331250	
	General Use	Voice 12.5KHz	573-574	772.581250	802.581250	
	General Use	Voice 12.5KHz	613-614	772.831250	802.831250	
	General Use	Voice 12.5KHz	709-710	773.431250	803.431250	
	General Use	Voice 12.5KHz	741-742	773.631250	803.631250	
	General Use	Voice 12.5KHz	787-788	773.918750	803.918750	
	General Use	Voice 12.5KHz	861-862	774.381250	804.381250	
	General Use	Voice 12.5KHz	917-918	774.731250	804.731250	
	State License	Voice 25KHz	105-108	769.662500	799.662500	
	State License	Voice 25KHz	725-728	773.537500	803.537500	
	State License	Voice 25KHz	845-848	774.287500	804.287500	

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	State License	Voice 25KHz	885-888	774.537500	804.537500	
	State License	Voice 25KHz	925-928	774.787500	804.787500	
<a href="#">Jef f erson</a>	General Use	Voice 12.5KHz	55-56	769.343750	799.343750	
	General Use	Voice 12.5KHz	95-96	769.593750	799.593750	
	General Use	Voice 12.5KHz	127-128	769.793750	799.793750	
	General Use	Voice 12.5KHz	173-174	770.081250	800.081250	
	General Use	Voice 12.5KHz	203-204	770.268750	800.268750	
	General Use	Voice 12.5KHz	283-284	770.768750	800.768750	
	General Use	Voice 12.5KHz	337-338	771.106250	801.106250	
	General Use	Voice 12.5KHz	361-362	771.256250	801.256250	
	General Use	Voice 12.5KHz	385-386	771.406250	801.406250	
	General Use	Voice 12.5KHz	409-410	771.556250	801.556250	
	General Use	Voice 12.5KHz	437-438	771.731250	801.731250	
	General Use	Voice 12.5KHz	471-472	771.943750	801.943750	
	General Use	Voice 12.5KHz	495-496	772.093750	802.093750	
	General Use	Voice 12.5KHz	519-520	772.243750	802.243750	
	General Use	Voice 12.5KHz	543-544	772.393750	802.393750	
	General Use	Voice 12.5KHz	569-570	772.556250	802.556250	
	General Use	Voice 12.5KHz	597-598	772.731250	802.731250	
	General Use	Voice 12.5KHz	621-622	772.881250	802.881250	
	General Use	Voice 12.5KHz	673-674	773.206250	803.206250	
	General Use	Voice 12.5KHz	715-716	773.468750	803.468750	
	General Use	Voice 12.5KHz	755-756	773.718750	803.718750	
	General Use	Voice 12.5KHz	793-794	773.956250	803.956250	
	General Use	Voice	833-834	774.206250	804.206250	

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		12.5KHz				
	General Use	Voice 12.5KHz	877-878	774.481250	804.481250	
	General Use	Voice 12.5KHz	919-920	774.743750	804.743750	
	State License	Voice 25KHz	65-68	769.412500	799.412500	
	State License	Voice 25KHz	313-316	770.962500	800.962500	
	State License	Voice 25KHz	893-896	774.587500	804.587500	
<a href="#">Jerome</a>	General Use	Voice 12.5KHz	51-52	769.318750	799.318750	
	General Use	Voice 12.5KHz	131-132	769.818750	799.818750	
	General Use	Voice 12.5KHz	211-212	770.318750	800.318750	
	General Use	Voice 12.5KHz	243-244	770.518750	800.518750	
	General Use	Voice 12.5KHz	295-296	770.843750	800.843750	
	General Use	Voice 12.5KHz	325-326	771.031250	801.031250	
	General Use	Voice 12.5KHz	353-354	771.206250	801.206250	
	General Use	Voice 12.5KHz	377-378	771.356250	801.356250	
	General Use	Voice 12.5KHz	401-402	771.506250	801.506250	
	General Use	Voice 12.5KHz	425-426	771.656250	801.656250	
	General Use	Voice 12.5KHz	449-450	771.806250	801.806250	
	General Use	Voice 12.5KHz	473-474	771.956250	801.956250	
	General Use	Voice 12.5KHz	501-502	772.131250	802.131250	
	General Use	Voice 12.5KHz	549-550	772.431250	802.431250	
	General Use	Voice 12.5KHz	573-574	772.581250	802.581250	
	General Use	Voice 12.5KHz	597-598	772.731250	802.731250	
	General Use	Voice 12.5KHz	621-622	772.881250	802.881250	
	General Use	Voice 12.5KHz	667-668	773.168750	803.168750	
	General Use	Voice 12.5KHz	715-716	773.468750	803.468750	



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	General Use	Voice 12.5KHz	789-790	773.931250	803.931250	
	General Use	Voice 12.5KHz	835-836	774.218750	804.218750	
	General Use	Voice 12.5KHz	865-866	774.406250	804.406250	
	General Use	Voice 12.5KHz	913-914	774.706250	804.706250	
	State License	Voice 25KHz	305-308	770.912500	800.912500	
	State License	Voice 25KHz	773-776	773.837500	803.837500	
	State License	Voice 25KHz	813-816	774.087500	804.087500	
<a href="#">Koot enai</a>	General Use	Voice 12.5KHz	19-20	769.118750	799.118750	
	General Use	Voice 12.5KHz	45-46	769.281250	799.281250	
	General Use	Voice 12.5KHz	83-84	769.518750	799.518750	
	General Use	Voice 12.5KHz	129-130	769.806250	799.806250	
	General Use	Voice 12.5KHz	169-170	770.056250	800.056250	
	General Use	Voice 12.5KHz	209-210	770.306250	800.306250	
	General Use	Voice 12.5KHz	251-252	770.568750	800.568750	
	General Use	Voice 12.5KHz	289-290	770.806250	800.806250	
	General Use	Voice 12.5KHz	321-322	771.006250	801.006250	
	General Use	Voice 12.5KHz	355-356	771.218750	801.218750	
	General Use	Voice 12.5KHz	385-386	771.406250	801.406250	
	General Use	Voice 12.5KHz	427-428	771.668750	801.668750	
	General Use	Voice 12.5KHz	453-454	771.831250	801.831250	
	General Use	Voice 12.5KHz	477-478	771.981250	801.981250	
	General Use	Voice 12.5KHz	505-506	772.156250	802.156250	
	General Use	Voice 12.5KHz	533-534	772.331250	802.331250	
	General Use	Voice 12.5KHz	565-566	772.531250	802.531250	
	General Use	Voice	593-594	772.706250	802.706250	

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		12.5KHz				
	General Use	Voice 12.5KHz	621-622	772.881250	802.881250	
	General Use	Voice 12.5KHz	661-662	773.131250	803.131250	
	General Use	Voice 12.5KHz	701-702	773.381250	803.381250	
	General Use	Voice 12.5KHz	747-748	773.668750	803.668750	
	General Use	Voice 12.5KHz	787-788	773.918750	803.918750	
	General Use	Voice 12.5KHz	827-828	774.168750	804.168750	
	General Use	Voice 12.5KHz	861-862	774.381250	804.381250	
	General Use	Voice 12.5KHz	905-906	774.656250	804.656250	
	State License	Voice 25KHz	109-112	769.687500	799.687500	
	State License	Voice 25KHz	193-196	770.212500	800.212500	
	State License	Voice 25KHz	233-236	770.462500	800.462500	
	State License	Voice 25KHz	733-736	773.587500	803.587500	
	State License	Voice 25KHz	813-816	774.087500	804.087500	
<a href="#">Lat ah</a>	General Use	Voice 12.5KHz	17-18	769.106250	799.106250	
	General Use	Voice 12.5KHz	47-48	769.293750	799.293750	
	General Use	Voice 12.5KHz	91-92	769.568750	799.568750	
	General Use	Voice 12.5KHz	137-138	769.856250	799.856250	
	General Use	Voice 12.5KHz	249-250	770.556250	800.556250	
	General Use	Voice 12.5KHz	285-286	770.781250	800.781250	
	General Use	Voice 12.5KHz	333-334	771.081250	801.081250	
	General Use	Voice 12.5KHz	365-366	771.281250	801.281250	
	General Use	Voice 12.5KHz	393-394	771.456250	801.456250	
	General Use	Voice 12.5KHz	423-424	771.643750	801.643750	
	General Use	Voice 12.5KHz	463-464	771.893750	801.893750	

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	General Use	Voice 12.5KHz	487-488	772.043750	802.043750	
	General Use	Voice 12.5KHz	515-516	772.218750	802.218750	
	General Use	Voice 12.5KHz	549-550	772.431250	802.431250	
	General Use	Voice 12.5KHz	575-576	772.593750	802.593750	
	General Use	Voice 12.5KHz	601-602	772.756250	802.756250	
	General Use	Voice 12.5KHz	625-626	772.906250	802.906250	
	General Use	Voice 12.5KHz	663-664	773.143750	803.143750	
	General Use	Voice 12.5KHz	703-704	773.393750	803.393750	
	General Use	Voice 12.5KHz	745-746	773.656250	803.656250	
	General Use	Voice 12.5KHz	785-786	773.906250	803.906250	
	General Use	Voice 12.5KHz	837-838	774.231250	804.231250	
	General Use	Voice 12.5KHz	863-864	774.393750	804.393750	
	General Use	Voice 12.5KHz	911-912	774.693750	804.693750	
	General Use	Voice 12.5KHz	941-942	774.881250	804.881250	
	State License	Voice 25KHz	229-232	770.437500	800.437500	
	State License	Voice 25KHz	649-652	773.062500	803.062500	
	State License	Voice 25KHz	729-732	773.562500	803.562500	
	State License	Voice 25KHz	809-812	774.062500	804.062500	
	State License	Voice 25KHz	889-892	774.562500	804.562500	
<a href="#">Lem hi</a>	General Use	Voice 12.5KHz	125-126	769.781250	799.781250	
	General Use	Voice 12.5KHz	207-208	770.293750	800.293750	
	General Use	Voice 12.5KHz	251-252	770.568750	800.568750	
	General Use	Voice 12.5KHz	297-298	770.856250	800.856250	
	General Use	Voice 12.5KHz	329-330	771.056250	801.056250	
	General Use	Voice	381-382	771.381250	801.381250	

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		12.5KHz				
	General Use	Voice 12.5KHz	407-408	771.543750	801.543750	
	General Use	Voice 12.5KHz	431-432	771.693750	801.693750	
	General Use	Voice 12.5KHz	461-462	771.881250	801.881250	
	General Use	Voice 12.5KHz	493-494	772.081250	802.081250	
	General Use	Voice 12.5KHz	517-518	772.231250	802.231250	
	General Use	Voice 12.5KHz	549-550	772.431250	802.431250	
	General Use	Voice 12.5KHz	607-608	772.793750	802.793750	
	General Use	Voice 12.5KHz	631-632	772.943750	802.943750	
	General Use	Voice 12.5KHz	667-668	773.168750	803.168750	
	General Use	Voice 12.5KHz	753-754	773.706250	803.706250	
	General Use	Voice 12.5KHz	795-796	773.968750	803.968750	
	General Use	Voice 12.5KHz	835-836	774.218750	804.218750	
	General Use	Voice 12.5KHz	875-876	774.468750	804.468750	
	State License	Voice 25KHz	25-28	769.162500	799.162500	
	State License	Voice 25KHz	113-116	769.712500	799.712500	
	State License	Voice 25KHz	765-768	773.787500	803.787500	
	State License	Voice 25KHz	809-812	774.062500	804.062500	
<a href="#">Lewis</a>	General Use	Voice 12.5KHz	49-50	769.306250	799.306250	
	General Use	Voice 12.5KHz	99-100	769.618750	799.618750	
	General Use	Voice 12.5KHz	139-140	769.868750	799.868750	
	General Use	Voice 12.5KHz	175-176	770.093750	800.093750	
	General Use	Voice 12.5KHz	205-206	770.281250	800.281250	
	General Use	Voice 12.5KHz	363-364	771.268750	801.268750	
	General Use	Voice 12.5KHz	395-396	771.468750	801.468750	

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	General Use	Voice 12.5KHz	425-426	771.656250	801.656250	
	General Use	Voice 12.5KHz	455-456	771.843750	801.843750	
	General Use	Voice 12.5KHz	485-486	772.031250	802.031250	
	General Use	Voice 12.5KHz	509-510	772.181250	802.181250	
	General Use	Voice 12.5KHz	555-556	772.468750	802.468750	
	General Use	Voice 12.5KHz	587-588	772.668750	802.668750	
	General Use	Voice 12.5KHz	621-622	772.881250	802.881250	
	General Use	Voice 12.5KHz	661-662	773.131250	803.131250	
	General Use	Voice 12.5KHz	751-752	773.693750	803.693750	
	General Use	Voice 12.5KHz	797-798	773.981250	803.981250	
	General Use	Voice 12.5KHz	839-840	774.243750	804.243750	
	General Use	Voice 12.5KHz	865-866	774.406250	804.406250	
	State License	Voice 25KHz	33-36	769.212500	799.212500	
	State License	Voice 25KHz	153-156	769.962500	799.962500	
	State License	Voice 25KHz	653-656	773.087500	803.087500	
	State License	Voice 25KHz	693-696	773.337500	803.337500	
<a href="#">Lincoln</a>	General Use	Voice 12.5KHz	15-16	769.093750	799.093750	
	General Use	Voice 12.5KHz	45-46	769.281250	799.281250	
	General Use	Voice 12.5KHz	87-88	769.543750	799.543750	
	General Use	Voice 12.5KHz	135-136	769.843750	799.843750	
	General Use	Voice 12.5KHz	219-220	770.368750	800.368750	
	General Use	Voice 12.5KHz	259-260	770.618750	800.618750	
	General Use	Voice 12.5KHz	299-300	770.868750	800.868750	
	General Use	Voice 12.5KHz	341-342	771.131250	801.131250	
	General Use	Voice	391-392	771.443750	801.443750	

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		12.5KHz				
	General Use	Voice 12.5KHz	417-418	771.606250	801.606250	
	General Use	Voice 12.5KHz	453-454	771.831250	801.831250	
	General Use	Voice 12.5KHz	477-478	771.981250	801.981250	
	General Use	Voice 12.5KHz	521-522	772.256250	802.256250	
	General Use	Voice 12.5KHz	545-546	772.406250	802.406250	
	General Use	Voice 12.5KHz	569-570	772.556250	802.556250	
	General Use	Voice 12.5KHz	613-614	772.831250	802.831250	
	General Use	Voice 12.5KHz	637-638	772.981250	802.981250	
	General Use	Voice 12.5KHz	671-672	773.193750	803.193750	
	General Use	Voice 12.5KHz	719-720	773.493750	803.493750	
	General Use	Voice 12.5KHz	755-756	773.718750	803.718750	
	General Use	Voice 12.5KHz	783-784	773.893750	803.893750	
	General Use	Voice 12.5KHz	871-872	774.443750	804.443750	
	General Use	Voice 12.5KHz	901-902	774.631250	804.631250	
	General Use	Voice 12.5KHz	945-946	774.906250	804.906250	
	State License	Voice 25KHz	25-28	769.162500	799.162500	
	State License	Voice 25KHz	229-232	770.437500	800.437500	
	State License	Voice 25KHz	645-648	773.037500	803.037500	
	State License	Voice 25KHz	689-692	773.312500	803.312500	
	State License	Voice 25KHz	889-892	774.562500	804.562500	
<a href="#">Madi son</a>	General Use	Voice 12.5KHz	15-16	769.093750	799.093750	
	General Use	Voice 12.5KHz	59-60	769.368750	799.368750	
	General Use	Voice 12.5KHz	85-86	769.531250	799.531250	
	General Use	Voice 12.5KHz	133-134	769.831250	799.831250	

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	General Use	Voice 12.5KHz	161-162	770.006250	800.006250	
	General Use	Voice 12.5KHz	215-216	770.343750	800.343750	
	General Use	Voice 12.5KHz	257-258	770.606250	800.606250	
	General Use	Voice 12.5KHz	299-300	770.868750	800.868750	
	General Use	Voice 12.5KHz	327-328	771.043750	801.043750	
	General Use	Voice 12.5KHz	353-354	771.206250	801.206250	
	General Use	Voice 12.5KHz	377-378	771.356250	801.356250	
	General Use	Voice 12.5KHz	405-406	771.531250	801.531250	
	General Use	Voice 12.5KHz	429-430	771.681250	801.681250	
	General Use	Voice 12.5KHz	453-454	771.831250	801.831250	
	General Use	Voice 12.5KHz	477-478	771.981250	801.981250	
	General Use	Voice 12.5KHz	501-502	772.131250	802.131250	
	General Use	Voice 12.5KHz	529-530	772.306250	802.306250	
	General Use	Voice 12.5KHz	553-554	772.456250	802.456250	
	General Use	Voice 12.5KHz	577-578	772.606250	802.606250	
	General Use	Voice 12.5KHz	605-606	772.781250	802.781250	
	General Use	Voice 12.5KHz	635-636	772.968750	802.968750	
	General Use	Voice 12.5KHz	711-712	773.443750	803.443750	
	General Use	Voice 12.5KHz	759-760	773.743750	803.743750	
	General Use	Voice 12.5KHz	839-840	774.243750	804.243750	
	General Use	Voice 12.5KHz	873-874	774.456250	804.456250	
	General Use	Voice 12.5KHz	909-910	774.681250	804.681250	
	State License	Voice 25KHz	685-688	773.287500	803.287500	
	State License	Voice 25KHz	729-732	773.562500	803.562500	
	State	Voice	769-772	773.812500	803.812500	

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	License	25KHz				
	State License	Voice 25KHz	849-852	774.312500	804.312500	
<a href="#">Mi ni doka</a>	General Use	Voice 12.5KHz	55-56	769.343750	799.343750	
	General Use	Voice 12.5KHz	91-92	769.568750	799.568750	
	General Use	Voice 12.5KHz	173-174	770.081250	800.081250	
	General Use	Voice 12.5KHz	253-254	770.581250	800.581250	
	General Use	Voice 12.5KHz	283-284	770.768750	800.768750	
	General Use	Voice 12.5KHz	337-338	771.106250	801.106250	
	General Use	Voice 12.5KHz	361-362	771.256250	801.256250	
	General Use	Voice 12.5KHz	385-386	771.406250	801.406250	
	General Use	Voice 12.5KHz	411-412	771.568750	801.568750	
	General Use	Voice 12.5KHz	435-436	771.718750	801.718750	
	General Use	Voice 12.5KHz	459-460	771.868750	801.868750	
	General Use	Voice 12.5KHz	483-484	772.018750	802.018750	
	General Use	Voice 12.5KHz	509-510	772.181250	802.181250	
	General Use	Voice 12.5KHz	533-534	772.331250	802.331250	
	General Use	Voice 12.5KHz	557-558	772.481250	802.481250	
	General Use	Voice 12.5KHz	581-582	772.631250	802.631250	
	General Use	Voice 12.5KHz	607-608	772.793750	802.793750	
	General Use	Voice 12.5KHz	631-632	772.943750	802.943750	
	General Use	Voice 12.5KHz	749-750	773.681250	803.681250	
	General Use	Voice 12.5KHz	795-796	773.968750	803.968750	
	General Use	Voice 12.5KHz	827-828	774.168750	804.168750	
	General Use	Voice 12.5KHz	875-876	774.468750	804.468750	
	State License	Voice 25KHz	33-36	769.212500	799.212500	



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	State License	Voice 25KHz	109-112	769.687500	799.687500	
	State License	Voice 25KHz	273-276	770.712500	800.712500	
	State License	Voice 25KHz	729-732	773.562500	803.562500	
Nez Perce	General Use	Voice 12.5KHz	13-14	769.081250	799.081250	
	General Use	Voice 12.5KHz	57-58	769.356250	799.356250	
	General Use	Voice 12.5KHz	85-86	769.531250	799.531250	
	General Use	Voice 12.5KHz	127-128	769.793750	799.793750	
	General Use	Voice 12.5KHz	171-172	770.068750	800.068750	
	General Use	Voice 12.5KHz	201-202	770.256250	800.256250	
	General Use	Voice 12.5KHz	347-348	771.168750	801.168750	
	General Use	Voice 12.5KHz	381-382	771.381250	801.381250	
	General Use	Voice 12.5KHz	407-408	771.543750	801.543750	
	General Use	Voice 12.5KHz	435-436	771.718750	801.718750	
	General Use	Voice 12.5KHz	469-470	771.931250	801.931250	
	General Use	Voice 12.5KHz	497-498	772.106250	802.106250	
	General Use	Voice 12.5KHz	525-526	772.281250	802.281250	
	General Use	Voice 12.5KHz	559-560	772.493750	802.493750	
	General Use	Voice 12.5KHz	583-584	772.643750	802.643750	
	General Use	Voice 12.5KHz	607-608	772.793750	802.793750	
	General Use	Voice 12.5KHz	635-636	772.968750	802.968750	
	General Use	Voice 12.5KHz	677-678	773.231250	803.231250	
	General Use	Voice 12.5KHz	719-720	773.493750	803.493750	
	General Use	Voice 12.5KHz	759-760	773.743750	803.743750	
	General Use	Voice 12.5KHz	791-792	773.943750	803.943750	
	General Use	Voice	821-822	774.131250	804.131250	

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		12.5KHz				
	General Use	Voice 12.5KHz	907-908	774.668750	804.668750	
	General Use	Voice 12.5KHz	945-946	774.906250	804.906250	
	State License	Voice 25KHz	25-28	769.162500	799.162500	
	State License	Voice 25KHz	73-76	769.462500	799.462500	
	State License	Voice 25KHz	189-192	770.187500	800.187500	
	State License	Voice 25KHz	265-268	770.662500	800.662500	
	State License	Voice 25KHz	305-308	770.912500	800.912500	
	State License	Voice 25KHz	685-688	773.287500	803.287500	
<a href="#">O nei da</a>	General Use	Voice 12.5KHz	49-50	769.306250	799.306250	
	General Use	Voice 12.5KHz	89-90	769.556250	799.556250	
	General Use	Voice 12.5KHz	133-134	769.831250	799.831250	
	General Use	Voice 12.5KHz	219-220	770.368750	800.368750	
	General Use	Voice 12.5KHz	339-340	771.118750	801.118750	
	General Use	Voice 12.5KHz	391-392	771.443750	801.443750	
	General Use	Voice 12.5KHz	479-480	771.993750	801.993750	
	General Use	Voice 12.5KHz	529-530	772.306250	802.306250	
	General Use	Voice 12.5KHz	601-602	772.756250	802.756250	
	General Use	Voice 12.5KHz	625-626	772.906250	802.906250	
	General Use	Voice 12.5KHz	711-712	773.443750	803.443750	
	General Use	Voice 12.5KHz	877-878	774.481250	804.481250	
	State License	Voice 25KHz	265-268	770.662500	800.662500	
	State License	Voice 25KHz	933-936	774.837500	804.837500	
<a href="#">O wyhee</a>	General Use	Voice 12.5KHz	91-92	769.568750	799.568750	
	General Use	Voice 12.5KHz	133-134	769.831250	799.831250	

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	General Use	Voice 12.5KHz	175-176	770.093750	800.093750	
	General Use	Voice 12.5KHz	365-366	771.281250	801.281250	
	General Use	Voice 12.5KHz	409-410	771.556250	801.556250	
	General Use	Voice 12.5KHz	433-434	771.706250	801.706250	
	General Use	Voice 12.5KHz	457-458	771.856250	801.856250	
	General Use	Voice 12.5KHz	483-484	772.018750	802.018750	
	General Use	Voice 12.5KHz	509-510	772.181250	802.181250	
	General Use	Voice 12.5KHz	557-558	772.481250	802.481250	
	General Use	Voice 12.5KHz	583-584	772.643750	802.643750	
	General Use	Voice 12.5KHz	607-608	772.793750	802.793750	
	General Use	Voice 12.5KHz	713-714	773.456250	803.456250	
	General Use	Voice 12.5KHz	753-754	773.706250	803.706250	
	General Use	Voice 12.5KHz	793-794	773.956250	803.956250	
	General Use	Voice 12.5KHz	833-834	774.206250	804.206250	
	General Use	Voice 12.5KHz	873-874	774.456250	804.456250	
	State License	Voice 25KHz	105-108	769.662500	799.662500	
	State License	Voice 25KHz	685-688	773.287500	803.287500	
<a href="#">Payette</a>	General Use	Voice 12.5KHz	13-14	769.081250	799.081250	
	General Use	Voice 12.5KHz	43-44	769.268750	799.268750	
	General Use	Voice 12.5KHz	89-90	769.556250	799.556250	
	General Use	Voice 12.5KHz	135-136	769.843750	799.843750	
	General Use	Voice 12.5KHz	173-174	770.081250	800.081250	
	General Use	Voice 12.5KHz	213-214	770.331250	800.331250	
	General Use	Voice 12.5KHz	251-252	770.568750	800.568750	
	General Use	Voice	285-286	770.781250	800.781250	

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		12.5KHz				
	General Use	Voice 12.5KHz	323-324	771.018750	801.018750	
	General Use	Voice 12.5KHz	347-348	771.168750	801.168750	
	General Use	Voice 12.5KHz	371-372	771.318750	801.318750	
	General Use	Voice 12.5KHz	395-396	771.468750	801.468750	
	General Use	Voice 12.5KHz	419-420	771.618750	801.618750	
	General Use	Voice 12.5KHz	449-450	771.806250	801.806250	
	General Use	Voice 12.5KHz	473-474	771.956250	801.956250	
	General Use	Voice 12.5KHz	497-498	772.106250	802.106250	
	General Use	Voice 12.5KHz	521-522	772.256250	802.256250	
	General Use	Voice 12.5KHz	545-546	772.406250	802.406250	
	General Use	Voice 12.5KHz	571-572	772.568750	802.568750	
	General Use	Voice 12.5KHz	595-596	772.718750	802.718750	
	General Use	Voice 12.5KHz	629-630	772.931250	802.931250	
	General Use	Voice 12.5KHz	661-662	773.131250	803.131250	
	General Use	Voice 12.5KHz	719-720	773.493750	803.493750	
	General Use	Voice 12.5KHz	755-756	773.718750	803.718750	
	General Use	Voice 12.5KHz	797-798	773.981250	803.981250	
	General Use	Voice 12.5KHz	839-840	774.243750	804.243750	
	General Use	Voice 12.5KHz	909-910	774.681250	804.681250	
	State License	Voice 25KHz	33-36	769.212500	799.212500	
	State License	Voice 25KHz	109-112	769.687500	799.687500	
	State License	Voice 25KHz	729-732	773.562500	803.562500	
	State License	Voice 25KHz	893-896	774.587500	804.587500	
<a href="#">Power</a>	General Use	Voice 12.5KHz	95-96	769.593750	799.593750	

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	General Use	Voice 12.5KHz	205-206	770.281250	800.281250	
	General Use	Voice 12.5KHz	249-250	770.556250	800.556250	
	General Use	Voice 12.5KHz	297-298	770.856250	800.856250	
	General Use	Voice 12.5KHz	343-344	771.143750	801.143750	
	General Use	Voice 12.5KHz	367-368	771.293750	801.293750	
	General Use	Voice 12.5KHz	415-416	771.593750	801.593750	
	General Use	Voice 12.5KHz	439-440	771.743750	801.743750	
	General Use	Voice 12.5KHz	487-488	772.043750	802.043750	
	General Use	Voice 12.5KHz	537-538	772.356250	802.356250	
	General Use	Voice 12.5KHz	561-562	772.506250	802.506250	
	General Use	Voice 12.5KHz	585-586	772.656250	802.656250	
	General Use	Voice 12.5KHz	611-612	772.818750	802.818750	
	General Use	Voice 12.5KHz	635-636	772.968750	802.968750	
	General Use	Voice 12.5KHz	677-678	773.231250	803.231250	
	General Use	Voice 12.5KHz	717-718	773.481250	803.481250	
	General Use	Voice 12.5KHz	799-800	773.993750	803.993750	
	General Use	Voice 12.5KHz	837-838	774.231250	804.231250	
	General Use	Voice 12.5KHz	909-910	774.681250	804.681250	
	State License	Voice 25KHz	153-156	769.962500	799.962500	
	State License	Voice 25KHz	313-316	770.962500	800.962500	
	State License	Voice 25KHz	893-896	774.587500	804.587500	
<a href="#">Shoshone</a>	General Use	Voice 12.5KHz	165-166	770.031250	800.031250	
	General Use	Voice 12.5KHz	369-370	771.306250	801.306250	
	General Use	Voice 12.5KHz	405-406	771.531250	801.531250	
	General Use	Voice	471-472	771.943750	801.943750	

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		12.5KHz				
	General Use	Voice 12.5KHz	499-500	772.118750	802.118750	
	General Use	Voice 12.5KHz	523-524	772.268750	802.268750	
	General Use	Voice 12.5KHz	553-554	772.456250	802.456250	
	General Use	Voice 12.5KHz	633-634	772.956250	802.956250	
	General Use	Voice 12.5KHz	717-718	773.481250	803.481250	
	General Use	Voice 12.5KHz	795-796	773.968750	803.968750	
	General Use	Voice 12.5KHz	869-870	774.431250	804.431250	
	General Use	Voice 12.5KHz	919-920	774.743750	804.743750	
	State License	Voice 25KHz	149-152	769.937500	799.937500	
	State License	Voice 25KHz	269-272	770.687500	800.687500	
	State License	Voice 25KHz	309-312	770.937500	800.937500	
	State License	Voice 25KHz	849-852	774.312500	804.312500	
<a href="#">T et on</a>	General Use	Voice 12.5KHz	45-46	769.281250	799.281250	
	General Use	Voice 12.5KHz	93-94	769.581250	799.581250	
	General Use	Voice 12.5KHz	165-166	770.031250	800.031250	
	General Use	Voice 12.5KHz	205-206	770.281250	800.281250	
	General Use	Voice 12.5KHz	245-246	770.531250	800.531250	
	General Use	Voice 12.5KHz	363-364	771.268750	801.268750	
	General Use	Voice 12.5KHz	411-412	771.568750	801.568750	
	General Use	Voice 12.5KHz	439-440	771.743750	801.743750	
	General Use	Voice 12.5KHz	463-464	771.893750	801.893750	
	General Use	Voice 12.5KHz	497-498	772.106250	802.106250	
	General Use	Voice 12.5KHz	521-522	772.256250	802.256250	
	General Use	Voice 12.5KHz	545-546	772.406250	802.406250	

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	General Use	Voice 12.5KHz	573-574	772.581250	802.581250	
	General Use	Voice 12.5KHz	599-600	772.743750	802.743750	
	General Use	Voice 12.5KHz	623-624	772.893750	802.893750	
	General Use	Voice 12.5KHz	675-676	773.218750	803.218750	
	General Use	Voice 12.5KHz	879-880	774.493750	804.493750	
	State License	Voice 25KHz	109-112	769.687500	799.687500	
	State License	Voice 25KHz	189-192	770.187500	800.187500	
<a href="#">Twin Falls</a>	General Use	Voice 12.5KHz	13-14	769.081250	799.081250	
	General Use	Voice 12.5KHz	47-48	769.293750	799.293750	
	General Use	Voice 12.5KHz	85-86	769.531250	799.531250	
	General Use	Voice 12.5KHz	139-140	769.868750	799.868750	
	General Use	Voice 12.5KHz	167-168	770.043750	800.043750	
	General Use	Voice 12.5KHz	217-218	770.356250	800.356250	
	General Use	Voice 12.5KHz	257-258	770.606250	800.606250	
	General Use	Voice 12.5KHz	291-292	770.818750	800.818750	
	General Use	Voice 12.5KHz	321-322	771.006250	801.006250	
	General Use	Voice 12.5KHz	345-346	771.156250	801.156250	
	General Use	Voice 12.5KHz	369-370	771.306250	801.306250	
	General Use	Voice 12.5KHz	395-396	771.468750	801.468750	
	General Use	Voice 12.5KHz	419-420	771.618750	801.618750	
	General Use	Voice 12.5KHz	443-444	771.768750	801.768750	
	General Use	Voice 12.5KHz	467-468	771.918750	801.918750	
	General Use	Voice 12.5KHz	491-492	772.068750	802.068750	
	General Use	Voice 12.5KHz	515-516	772.218750	802.218750	
	General Use	Voice	539-540	772.368750	802.368750	

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		12.5KHz				
	General Use	Voice 12.5KHz	563-564	772.518750	802.518750	
	General Use	Voice 12.5KHz	587-588	772.668750	802.668750	
	General Use	Voice 12.5KHz	611-612	772.818750	802.818750	
	General Use	Voice 12.5KHz	635-636	772.968750	802.968750	
	General Use	Voice 12.5KHz	661-662	773.131250	803.131250	
	General Use	Voice 12.5KHz	701-702	773.381250	803.381250	
	General Use	Voice 12.5KHz	741-742	773.631250	803.631250	
	General Use	Voice 12.5KHz	781-782	773.881250	803.881250	
	General Use	Voice 12.5KHz	821-822	774.131250	804.131250	
	General Use	Voice 12.5KHz	861-862	774.381250	804.381250	
	General Use	Voice 12.5KHz	907-908	774.668750	804.668750	
	General Use	Voice 12.5KHz	941-942	774.881250	804.881250	
	State License	Voice 25KHz	65-68	769.412500	799.412500	
	State License	Voice 25KHz	185-188	770.162500	800.162500	
	State License	Voice 25KHz	313-316	770.962500	800.962500	
	State License	Voice 25KHz	653-656	773.087500	803.087500	
	State License	Voice 25KHz	765-768	773.787500	803.787500	
	State License	Voice 25KHz	805-808	774.037500	804.037500	
	State License	Voice 25KHz	853-856	774.337500	804.337500	
	State License	Voice 25KHz	933-936	774.837500	804.837500	
<a href="#">Vall ey</a>	General Use	Voice 12.5KHz	51-52	769.318750	799.318750	
	General Use	Voice 12.5KHz	91-92	769.568750	799.568750	
	General Use	Voice 12.5KHz	137-138	769.856250	799.856250	
	General Use	Voice 12.5KHz	175-176	770.093750	800.093750	



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	General Use	Voice 12.5KHz	211-212	770.318750	800.318750	
	General Use	Voice 12.5KHz	283-284	770.768750	800.768750	
	General Use	Voice 12.5KHz	359-360	771.243750	801.243750	
	General Use	Voice 12.5KHz	415-416	771.593750	801.593750	
	General Use	Voice 12.5KHz	439-440	771.743750	801.743750	
	General Use	Voice 12.5KHz	483-484	772.018750	802.018750	
	General Use	Voice 12.5KHz	511-512	772.193750	802.193750	
	General Use	Voice 12.5KHz	539-540	772.368750	802.368750	
	General Use	Voice 12.5KHz	565-566	772.531250	802.531250	
	General Use	Voice 12.5KHz	597-598	772.731250	802.731250	
	General Use	Voice 12.5KHz	637-638	772.981250	802.981250	
	General Use	Voice 12.5KHz	679-680	773.243750	803.243750	
	General Use	Voice 12.5KHz	703-704	773.393750	803.393750	
	General Use	Voice 12.5KHz	799-800	773.993750	803.993750	
	General Use	Voice 12.5KHz	903-904	774.643750	804.643750	
	General Use	Voice 12.5KHz	947-948	774.918750	804.918750	
	State License	Voice 25KHz	69-72	769.437500	799.437500	
	State License	Voice 25KHz	269-272	770.687500	800.687500	
Washington	General Use	Voice 12.5KHz	17-18	769.106250	799.106250	
	General Use	Voice 12.5KHz	47-48	769.293750	799.293750	
	General Use	Voice 12.5KHz	99-100	769.618750	799.618750	
	General Use	Voice 12.5KHz	125-126	769.781250	799.781250	
	General Use	Voice 12.5KHz	165-166	770.031250	800.031250	
	General Use	Voice 12.5KHz	207-208	770.293750	800.293750	
	General Use	Voice	297-298	770.856250	800.856250	

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		12.5KHz				
	General Use	Voice 12.5KHz	327-328	771.043750	801.043750	
	General Use	Voice 12.5KHz	355-356	771.218750	801.218750	
	General Use	Voice 12.5KHz	379-380	771.368750	801.368750	
	General Use	Voice 12.5KHz	423-424	771.643750	801.643750	
	General Use	Voice 12.5KHz	463-464	771.893750	801.893750	
	General Use	Voice 12.5KHz	487-488	772.043750	802.043750	
	General Use	Voice 12.5KHz	535-536	772.343750	802.343750	
	General Use	Voice 12.5KHz	575-576	772.593750	802.593750	
	General Use	Voice 12.5KHz	609-610	772.806250	802.806250	
	General Use	Voice 12.5KHz	665-666	773.156250	803.156250	
	General Use	Voice 12.5KHz	715-716	773.468750	803.468750	
	General Use	Voice 12.5KHz	743-744	773.643750	803.643750	
	General Use	Voice 12.5KHz	791-792	773.943750	803.943750	
	General Use	Voice 12.5KHz	879-880	774.493750	804.493750	
	General Use	Voice 12.5KHz	919-920	774.743750	804.743750	
	General Use	Voice 12.5KHz	943-944	774.893750	804.893750	
	State License	Voice 25KHz	189-192	770.187500	800.187500	
	State License	Voice 25KHz	649-652	773.062500	803.062500	
	State License	Voice 25KHz	849-852	774.312500	804.312500	

**Appendix B**

Regional Plan Members

# FINAL DRAFT

PAM	AHRENS	DIRECTOR	DEPT OF ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
BRUCE	ALCOTT	FIRE CHIEF	BURLEY FIRE DEPARTMENT	(208) 878-7371	1235 Miller Ave. Burley, ID 83318
WILLIAM	BACH	IT SYSTEMS INT. ANALYST	STATE OF IDAHO - ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
NATHAN	BENTLY		STATE OF IDAHO DEPT. OF ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
CARMEN	BOEGER	DISPATCH SUPERVISOR	NAMPA PD	(208) 465-2257	211 12th Avenue South Nampa, ID 83651
BRUCE	BOWLER		MADISON COUNTY SHERIFF'S OFFICE	(208) 356-5426	145 E. Main Rexburg, ID 83440
NONA	BOYER		FORT HALL EMERGENCY MANAGEMENT	(208) 237-0137	P.O. Box 306 Pima Drive Fort Hall, ID 83203
DARLA	BUCKLEY	SUPPORT SERVICES	LATAH CTY SHERIFFS OFFICE	(208) 882-2216	PO Box 8068 522 S Adams Moscow, ID 83843
ROGER	CLARK		BLACKFOOT PD	(208) 785-1235	501 N Maple St #410 Blackfoot, ID 83221
AARON	CLARK		CLARK RADIO	(208) 232-1499	450 East Day Street Pocatello, ID 83201
ROYCE	CLEMENTS	LIEUTENANT	IDAHO FALLS PD	(208) 612-8600	605 N. Capital Ave Idaho Falls, Idaho 83405
JOHN	CLINE	DIRECTOR	STATE OF IDAHO – BUREAU OF DISASTER SERVICES	(208) 334-3460	4040 Guard Street, Bldg. 600 Boise, ID 83705-5004
BRENT	COLLIER	SENIOR SECURITY ADMINISTRATOR	BOISE CORPORATION	(208) 384-6161	1111 West Jefferson Street P.O. Box 50 Boise, ID 83728-0001
KEITH	COOK	DISTRICT REPRESENTATIVE	MOTOROLA	(208) 377-2080	11548 Rader Drive Boise, ID 83713
KEVIN	COURTNEY	FIRE CHIEF	STAR FIRE DEPT	(208) 286-7772	Star Fire Dept. Star, ID
RICHARD	DAVIES	ASSISTANT FIRE CHIEF	NAMPA FIRE DEPT	(208) 465-2257	411 Third Street South Nampa, ID 83651
GARY	DAY	CAPTAIN	IDAHO FALLS FIRE DEPT	(208) 529-1497	525 8th St. Idaho Falls, ID 83405
JOHN	DOTSON	MAJOR	BLACKFOOT PD	(208) 785-1235	501 N Maple St #410 Blackfoot, ID 83221
ALLEN	DUDDLES	CONSULTANT	REPRESENTING MICRON TECHNOLOGY	(208) 323-1976	1976 Century Way Boise, ID
BRITT	DURFEE	SHERIFF	VALLEY CSO	(208) 382-7155	Box 1350 Cascade 83611
KIT	ELDRIDGE	DISTRICT MANAGER	M/A-COM WIRELESS SYSTEMS	(425) 269-1853	
LEONARD	ELFERING	CHIEF	PARMA POLICE DEPARTMENT	(208) 722-5900	305 N 3rd Parma, Idaho 83660
LORRAINE	ELFERING	COMM MANAGER	CANYON CTY SHERIFFS OFFICE	(208) 454-7510	1115 Albany Caldwell 83605

# FINAL DRAFT

MIKE	ELLE	CPT/PARAM EDIC	KETCHUM FIRE DEPT	(208) 726-7805	480 East Ave. North Ketchum, Idaho 83340
EDWARD	EMMEL	COMM. MANAGER	CITY OF BOISE	(208) 384-4252	829 S 17th St. Boise, ID 83702-6740
BEN	ESTES	FIRE CHIEF	POCATELLO FIRE DEPT	(208) 234-6201	408 East Whitman Pocatello, Idaho 83204
VERNON	FISHER	FIRE CHIEF	CITY OF WEISER	(208) 414-2244	262 East Court St Weiser, ID 83672
DON	FOURNIER	ITRMC IT POLICY ANALYST	IDAHO DEPT OF ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
JOHN	FRYLING	911 DIRECTOR	KOOTENAI CTY 911	(208) 446-1300	5500 N. Gov. Way Coeur d'Alene, ID 83814
DON	FURU	CAPTAIN	POCATELLO PD	(208) 236-7116	Box 4666 Pocatello, ID 83205
DENNIS	GODFREY	DIR. EMER SVCS	CARIBOU COUNTY	(208) 547-2561	159 S. Main Soda Springs, ID 83276
BART	HAMILTON		ADA COUNTY SHERIFF'S OFFICE	(208) 377-6500	7200 Barrister Drive Boise, ID 83704
SANDRA	HARRIS	OPERATION S SUPPORT	IDAHO DEPT OF ADMIN	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
AMBER	HENDERSON	OPERATION S MANAGER	KOOTENAI CTY 911	(208) 446-1300	5500 N. Gov. Way Coeur d'Alene, ID 83814
BOB	HOWARD	SERGEANT	BONNER CTY SHERIFFS OFFICE	(208)263-8417	4001 N. Boyer Rd. Sandpoint, ID 83864
MATTHEW	HOWARTH	SENIOR ACCOUNT MANAGER	MOTOROLA	(208) 377-2080	11548 Rader Drive Boise, ID 83713
GORDON	HOWELL		BANNOCK COUNTY	(208) 236-7116	Box 4666 Pocatello, ID 83205
LEN	HUMPHRIES	DEPUTY	FREMONT CSO	(208) 624-4482	146 N. 2 <sup>nd</sup> W St. Anthony, ID 83445
HAL	IVERSON	CLINICAL SUPERVISOR	AIR ST LUKES	(208) 706-1000	190 East Bannock Boise, ID 83712-9987
STEPHEN	JENKINS	CHIEF	USDA FOREST SERVICE	(208) 373-4100	1249 S. Vinnell Way Boise, ID 83709
DANIEL	JULLION	SECURITY SYSTEMS SUPERVISOR	PUBLIC WORKS FACILITIES SERVICES	(208) 332-1933	502 North Fourth Street P. O. Box 83720 Boise, Idaho 83720-0013
BUD	LANGERAK		BONNEVILLE COUNTY SO	(208) 236-7116	Box 4666 Pocatello, ID 83205
DAVID	LANGHORST	AREA MANAGER, KENWOOD COMM	MCLAUGHLIN-LONG MARKETING	(208) 853-0303	6700 Hill Road Boise, ID 83714
DODIE	LINDER	CONVENER / MGMT. ASST.	IDAHO DEPARTMENT OF ADMIN	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
MARK	LOCKWOOD	CHIEF	SANDPOINT PD	(208) 263-3105	1123 Lake Street Sandpoint, Idaho 83864
CORY	LYMAN	DIRECTOR	KETCHUM CITY PD/COMM	(208) 788-5555	210 1 <sup>st</sup> Avenue South Hailey, ID 83333
GLENNA	MCGILL	COMMUNIC ATIONS MANAGER	KOOTENAI CTY 911	(208) 446-1300	5500 N. Gov. Way Coeur d'Alene, ID 83814
NELSON	MORRIS	UNDERSHE RIFF	SHOSHONE COUNTY SHERIFF	(208) 556-1114	717 Bank St. Wallace 83873

# FINAL DRAFT

DEBBIE	NORRIS.	SYSTEMS MANAGER	BONNEVILLE CTY EMER. COMM.	(208) 236-7116	Box 4666 Pocatello, ID 83205
RICK	OLBERDING	IT SYSTEMS INT. ANALYST SR.	STATE OF IDAHO- ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
KIRBY	ORTIZ	OWNER	GEM STATE COMMUNICATIONS	(208) 323-1976	1976 Century Way, Boise, ID
STANLEY	PASSEY	COMM MANAGER	IDAHO STATE POLICE	(208) 846-7000	700 South Stratford Drive, Meridian ID 83642
JAMES	PRICE	COMMUNIC ATIONS MANAGER	STATE OF IDAHO- MICROWAVE SERVICES	(208) 332-1824	650 West State Street Boise, Idaho 83720
ERIC	PROCTOR	TELECOMM MANAGER	USDA FOREST SERVICE	(208) 373-4100	1249 S. Vinnell Way Boise, ID 83709
KEVIN	QUICK		POCATELLO FIRE DEPT	(208) 234-6201	408 East Whitman Pocatello, Idaho 83204
GENE	RAMSEY	CHIEF DEPUTY	BLAINE CSO	(208) 788-5555	210 1 <sup>st</sup> Avenue South Hailey, ID 83333
DOTY	ROBBINS	PUBLIC SAFETY COMM. SPECIALIST	LEWISTON PD	(208) 746-0171	1224 F Street Lewiston, Idaho 83501
MARCUS	ROBBINS	DEPUTY/INF O SERV	BONNER CTY SHERIFFS OFFICE	(208) 263-8417	4001 N. Boyer Rd. Sandpoint, ID 83864
JOE	ROCHE	ADMINISTR ATOR	STATE OF IDAHO- DEPT OF ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
DAVID	RUDD	IT SYSTEMS ANAYLST SR	STATE OF IDAHO- ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
V M	SANDERS	DEPUTY CHIEF	BANNOCK CSO	(208) 236-7116	Box 4666 Pocatello, ID 83205
ROGER	SEARS		POCATELLO FIRE DEPT.	(208) 236-7116	Box 4666 Pocatello, ID 83205
LESTER	SHADDUCK	COMM. LOG. SPT.	ADA County Sheriff's Office	(208) 377-6500	7200 Barrister Drive Boise, ID 83704
ROGER	SHARP		CANYON COUNTY SHERIFF'S OFFICE	(208) 454-7510	1115 Albany Caldwell, ID 83605
STEVE	STEINER	IT SENIOR NETWORK ANALYST	IDAHO DEPARTMENT OF TRANSPORTATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
PETE	STEVENS		IDAHO FALLS FIRE DEPT.	(208) 529-1497	525 8th St. Idaho Falls, ID 83405
NANCY	TAYLOR	COMMUNIC ATIONS SUPERVISOR	SHOSHONE CTY SHERIFFS OFFICE	(208) 556-1114	717 Bank St. Wallace, ID 83873
TOM	THOMPSON	MAJOR	IDAHO STATE POLICE	(208) 846-7000	700 South Stratford Drive Meridian, ID 83642
REGINALD	THORPE	EMERGENC Y MANAGER	SHOSHONE BANNOCK TRIBES EMERGENCY MANAGEMENT	(208) 237-0137	P.O. Box 306 Pima Drive Fort Hall, ID 83203
THOR	WIEGMAN		BONNER COUNTY	(208) 263-8417	4001 N. Boyer Rd. Sandpoint, ID 83864
PAUL	WILDE	CAPTAIN	BONNEVILLE CNTY SD	(208) 236-7116	Box 4666 Pocatello, ID 83205

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GREG	ZICKAU	ANALYST	STATE OF IDAHO- ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720
KEVIN	ZYWINA	IT SYSTEMS INT ANALYST	STATE OF IDAHO- ADMINISTRATION	(208) 332-1824	650 West State Street PO Box 83720 Boise, Idaho 83720

## **Appendix C**

### Notices and Minutes





# PUBLIC NOTICE

Federal Communications Commission  
445 12th St., S.W.  
Washington, D.C. 20554

News media information 202 / 418-0500  
Fax-On-Demand 202 / 418-2830  
TTY 202 / 418-2555  
Internet: <http://www.fcc.gov>  
[ftp.fcc.gov](http://ftp.fcc.gov)

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**DA 02-761**  
**April 4, 2002**

**WIRELESS TELECOMMUNICATIONS BUREAU ACTION**  
**REGION 12 (IDAHO) 700 MHz**  
**REGIONAL PLANNING COMMITTEE**  
**ANNOUNCES FIRST MEETING**

The Region 12 (Idaho) 700 MHz Public Safety Regional Planning Committee Convener announces that the initial meeting of Region 12 700 MHz Public Safety Regional Planning Committee will be held on May 22, 2002 at 9:00 a.m., at the J. R. Williams Building, West Conference Room, 700 West State Street, Boise, Idaho.

The agenda of the meeting includes:

- Electing a Chair and Committee Officers
- Adopting By-Laws
- Developing a Draft Plan
- Other Business
- Establishing Future Meetings and Locations

The Region 12 (Idaho) 700 MHz Public Safety Planning Committee meeting is open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in Region 12 would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of new public safety

spectrum in the 700 MHz band are encouraged to attend. For further information about the meeting, please contact:

Dodie Linder, Convener  
Region 12, 700 Regional Planning Committee  
State of Idaho  
Department of Administration  
P. O. Box 83720  
Boise, ID 83720-0089  
PH: 208-332-1841  
FX: 208-334-2307  
Email: [dlinder@adm.state.id.us](mailto:dlinder@adm.state.id.us)  
Web: [www.700region12.org](http://www.700region12.org)

– FCC –



# PUBLIC NOTICE

News media information 202 / 418-0500  
Fax-On-Demand 202 / 418-2830  
TTY 202 / 418-2555  
Internet: <http://www.fcc.gov>  
<ftp.fcc.gov>

Federal Communications Commission  
445 12th St., S.W.  
Washington, D.C. 20554

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**DA 03-1229**  
**April 25, 2003**

## WIRELESS TELECOMMUNICATIONS BUREAU ACTION REGION 12 (IDAHO) 700 MHz REGIONAL PLANNING COMMITTEE ANNOUNCES SECOND MEETING

The Region 12 (Idaho) 700 MHz Public Safety Regional Planning Committee announces that its second annual meeting will be held on May 30, 2003 at 9:00 a.m., at the Coeur d'Alene Resort, 115 S. 2nd St., Coeur d'Alene, Idaho. The agenda of the meeting includes:

- Status of 700 MHz – Region 12 – Idaho,
- FCC Updates,
- CAPRAD, Computer Assisted Pre-Coordination Resource and Database System
- 2002-2003 Public Safety Communication Issues,
- Local, County, State Public Safety Communications Status Reports,
- Homeland Security,
- Region 12 RPC Financial Report,
- Grant Opportunities,
- Radio Refarming,
- Direction that Radio is Taking in Idaho,
- Wireless Phase I,
- Wireless Phase II,
- Telephone – Legislation and Ramifications, and
- Multi-Line (PBX) Telephone Systems.

The Region 12 (Idaho) 700 MHz Public Safety Planning Committee meeting is open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life,  
(over)

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health, or property in Region 12 would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and nongovernmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of new public safety spectrum in the 700 MHz band are encouraged to attend. For further information about the meeting, please contact:

Stanley D. Passey, Chairman  
Region 12, 700 Regional Planning Committee  
State of Idaho  
700 S Stratford Drive  
Meridan, ID 83680-0700  
PH: 208-846-7515  
FX: 208-846-7520  
Email: [stan.passey@isp.state.id.us](mailto:stan.passey@isp.state.id.us)  
Web: [www.700region12.org](http://www.700region12.org)

– FCC –

**700 MHz Regional Planning Committee****Convener's Meeting****May 22, 2002**

9:00 AM-12 Noon

JR Williams Bldg., West Conference Room, Boise, ID

**CALL TO ORDER. WELCOME**

Dodie Linder, 700 MHz Convener, called the meeting to order, welcomed attendees and introduced Convener's Meeting coordinators, followed by attendee introductions and their purpose for attending the meeting.

**ATTENDANCE**

PAM	AHRENS	DIRECTOR	DEPT OF ADMINISTRATION
CARMEN	BOEGER	DISPATCH SUPERVISOR	NAMPA PD
ROGER	CLARK	785-1235	BLACKFOOT PD
ROYCE	CLEMENTS	LIEUTENANT	IDAHO FALLS PD
BRENT	COLLIER	SENIOR SECURITY ADMINISTRATOR	BOISE (BOISE CASCADE)
KEVIN	COURTNEY	FIRE CHIEF	STAR FIRE DEPT
RICHARD B	DAVIES	ASSISTANT FIRE CHIEF	NAMPA FIRE DEPT
GARY	DAY	CAPTAIN	IDAHO FALLS FIRE DEPT
JOHN	DOTSON	MAJOR	BLACKFOOT PD
ALLEN	DUDDLES	CONSULTANT	REPRESENTING MICRON TECHNOLOGY
BRITT	DURFEE	SHERIFF	VALLEY CSO
MIKE	ELLE	CAPTAIN/PARAMEDIC	KETCHUM FIRE DEPT
EDWARD	EMMEL	COMMUNICATION MANAGER	CITY OF BOISE
BEN	ESTES	FIRE CHIEF	POCATELLO FIRE DEPT
VERNON (BUD)	FISHER	FIRE CHIEF	CITY OF WEISER
DON	FOURNIER	ITRMC IT POLICY ANALYST	IDAHO DEPT OF ADMINISTRATION
DON	FURU	CAPTAIN	POCATELLO PD
DENNIS	GODFREY	DIRECTOR OF EMERGENCY SERVICES	CARIBOU COUNTY
SANDRA	HARRIS	OPERATIONS SUPPORT	IDAHO DEPT OF ADMINISTRATION
MATTHEW	HOWARTH	SENIOR ACCOUNT MANAGER	MOTOROLA
LEN	HUMPHRIES	DEPUTY	FREMONT CSO
HAL	IVERSON	CLINICAL SUPERVISOR	AIR ST LUKES
DOUGLAS	JOHNSTON	COMM MANAGER	KOOTENAI CNTY 911
DANIEL	JULLION	SECURITY SYSTEMS SUPERVISOR	FACILITIES SERVICES
DAVID	LANGHORST	AREA MANAGER, KENWOOD COMM	MCLAUGHLIN-LONG MARKETING
DODIE	LINDER	CONVENER / MGMT. ASST.	IDAHO DEPARTMENT OF

## FINAL DRAFT

			ADMINISTRATION
MARK	LOCKWOOD	CHIEF	SANDPOINT PD
JAMES	MILLER	CONSULTANT	LAFFINWELL CREEK COMMS
JOHN	MILLER	INTERESTED PARTY	BOISE
KIRBY	ORTIZ	OWNER	GEM STATE COMMUNICATIONS
STANLEY	PASSEY	COMM MANAGER	IDAHO STATE POLICE
JAMES	PRICE	COMMUNICATIONS MANAGER	STATE OF IDAHO-MICROWAVE SERVICES
JIM	PRINDEL	DIST SALES MANAGER	M/A-COM, INC.
ERIC	PROCTOR	TELECOMMUNICATIONS MANAGER	USDA FOREST SERVICE
GENE	RAMSEY	CHIEF DEPUTY	BLAINE CSO
BETTE	RINEHART	REGULATORY AFFAIRS MANAGER	MOTOROLA
DOTY	ROBBINS	PUBLIC SAFETY COMM. SPECIALIST	LEWISTON PD
JOE	ROCHE	ADMINISTRATOR DITCS	STATE OF IDAHO-DEPT OF ADMINISTRATION
V M	SANDERS	DEPUTY CHIEF	BANNOCK CSO
RAY	SCHELLEKENS	SALES AGENT	M/A-COM, INC.
LESTER	SHADDUCK	COMM. LOGISTICS SUPPORT MANAGER	ADA CNTY SD
STEVE	STEINER	IT SENIOR NETWORK ANALYST	IDAHO DEPARTMENT OF TRANSPORTATION
TOM	THOMPSON	MAJOR	IDAHO STATE POLICE
SHARON	ULLMAN		ADA CNTY COMMISSIONER
THOR	WIEGMAN		BONNER COUNTY
PAUL	WILDE	CAPTAIN	BONNEVILLE CNTY SD

Linder reviewed Roberts Rules, Recording, the Meeting Overview & Purpose, the Collaborative Process, Eligible voting members, the Nomination committee, RPC grant monies, the 700MHz website, and Interoperability Challenges & Strategies with the Committee. An interoperability video was shown titled, "Why Can't We Talk".

Linder then turned the meeting over to Passey who provided a brief background on past & current public safety communications activities, and the current Trunked-Radio feasibility study being conducted by Booz-Allen through the Public Safety Wireless Network Program (PSWN), for the State of Idaho Trunked Radio Subcommittee.

Passey introduced Bette Rinehart , Regulatory Affairs Specialist for Motorola. Rinehart provided a presentation to the Committee on the history of the 700 MHz Allocation, the specifics of what the region needs to do to begin the regional planning process, and the status of digital television influence on the spectrum.

Linder reviewed the election process with the Committee, then a 20-minute break was taken.

The committee reconvened and opened nominations for Chair of the Regional Planning Committee. Jullion nominated Passey, Thompson seconded the nomination. Passey

accepted. Passey nominated Shadduck; declined. Passey nominated Johnston; declined. Thompson moved that nominations be closed, seconded by Shadduck.

Eligible voting members cast their ballots and ballots were collected and reviewed by Linder, Harris and Price. The vote was unanimous. Stan Passey was elected Chair of the RPC and took charge for the rest of the meeting. Doug Johnston was asked to be Vice Chair, he accepted. Dodie Linder was asked to be the Secretary/Treasurer. She accepted.

Passey called for volunteers to serve on three Standing Committees, the results follow:

**Implementation/Outreach Standing Committee:**

Doty Robbins	Lewiston Police Dept. <b>(Chair)</b>
Paul Wilde	Bonneville County Sheriff's Dept.
Kevin Courtney	Star Fire Dept.
Sharon Ullman	Ada County Commissioner

Thompson suggested that John Cline, Director of the Bureau of Disaster Services, be asked to participate on the committee

**Technical Standing Committee:**

Ed Emmel	City of Boise <b>(Chair)</b>
Jim Price	Idaho Department of Administration
Gary Day	Idaho Falls Fire Dept.
Len Humphries	Fremont County Sheriff's Office
Thor Wiegman	Bonner County
Matt Howarth	Motorola
Les Shadduck	Ada County Sheriff's Dept
Jim Prindle	M/A-COM

**Interoperability Standing Committee:**

Ben Wolfinger	Kootenai County SO/City of Coeur d'Alene <b>(Chair)</b>
Jim Prindle	M/A-COM
Mark Lockwood	Sandpoint Police Dept.
Don Furu	Pocatello Police Dept.
Paul Wilde	Bonneville County Sheriff's Dept.
Gary Day	Idaho Falls Fire Dept.
Richard Davies	Nampa Fire Dept.
David Langhorst	McLaughlin-Long Marketing
Doty Robbins	Lewiston Police Dept.
Matt Howarth	Motorola
Ron Vogt	Ada County Sheriff's Dept.

Thompson suggested that John Cline be asked to participate on the committee

Passey asked that everyone present take a few minutes to review the draft By-Laws.

Estes asked to amend Article 2.8 B. Reasonable and Sufficient notice. He suggested that it be changed to read "...send notice by mail at least **30** days or by e-mail/facsimile at least **30** days before the meeting...".

Price asked to amend Article 2.8 A. Annual meetings. He suggested that the next Annual Meeting be held one year from this meeting day, on or about May 22, 2003.

Roche suggested, since there are several members present from the Dept of Administration, that Jim Price be the voting member from the Department of Administration.

Thompson asked to consider Article 2.8 A Annual Meeting. He suggested that the annual meetings be held at varying locations around the State.

Passey opened discussion concerning Article 2.9 Quorum. What should define a quorum—percentage or number? Thompson suggested that using voting members as a base (the number will grow), 15-20 members be considered a quorum. Shadduck suggested that the number be two (2) officers plus 20 voting members. Wolfinger made a motion to establish a quorum at twenty voting members (20) and a majority of the officers (2). Thompson seconded the motion. Motion passed unanimously.

Day asked to amend Article 2.6 Annual Meeting. He motioned that the annual meetings be held in North Idaho for the years 2003, 2006, 2009, in Southwest Idaho for the years 2002, 2005, 2008, and in Southeast for the years 2004, 2007, and 2010. Shadduck seconded. Motion passed unanimously.

Day motioned to accept the by-laws as amended. Ullman seconded. Motion passed unanimously.

Passey told the committee he will be contacting the chairs of the Standing Committees to begin the process of establishing a draft plan.

## **Questions**

Price asked why the need for 700 MHz? Passey explained that the major crises of late have brought to the forefront the inability for public safety responders to communicate among each other without many differing frequencies. Idaho needs to start the process of interoperability now based upon spectrum allocation by the Federal Communications Committee (FCC).

Wilde asked how we can protect the frequencies that we already have and if 700 MHz will work in geographically challenged areas? Passey informed the committee that issues are being study right now. Passey told the committee that 700MHz may provide an opportunity to move to a model that will interface with current frequencies and address geographic challenges of the state. Passey addressed how current frequencies can be protected. He told the committee Congress has mandated to the Federal Communications Commission that they provide spectrum to public safety.



Passey doubts there will be any “auctioning off of frequencies” that Congress has told the states to maintain.

Harris mentioned that there are public safety licenses throughout the state that are expiring and not being renewed by the holder due to lack of maintenance. She recommended that public safety entities take an accounting of the status of their frequencies

Passey mentioned APCO’s lobbying the FCC to keep the frequencies currently in use, for public safety. Wilde pointed to the Nextel/800MHz issue. Rinehart recommended monitoring the actions of the FCC, and taking a position as the Region 12 Regional Planning Committee when an opposite one presents itself. Price informed the group that statewide APCO chapters are the voice of public safety communication to the federal decision makers and Idaho needs a stronger presence.

Sanders asked if the FCC refarming requires users to move to 12.5KHz. Passey responded that refarming was conducted with economics in mind, but no one will be forced to move off their frequencies. Passey mentioned Rule 81, which stipulates that licenses will only be given for 12.5 KHz in specific frequencies.

Thompson moved that the meeting be adjourned. Jullion seconded.  
Meeting was adjourned at 12:05 PM.

**700 MHz Regional Planning Committee**

**Annual Meeting**

**May 30, 2003**

9:00 AM- 3:00PM

Coeur d'Alene Resort, Bay 6, Coeur d'Alene ID

**CALL TO ORDER. WELCOME**

Chair Passey called the meeting to order, welcomed attendees and introduced 700MHz Regional Planning Officers Vice-Chair Johnston and Secretary-Treasurer Linder Collier, followed by attendee introductions.

**ATTENDANCE**

BRUCE	ALCOTT	FIRE CHIEF	CALDWELL FIRE & RESCUE
WILLIAM	BACH	IT SYSTEMS INT. ANALYST	STATE OF IDAHO - ADMINISTRATION
	BUCKLEY	SUPPORT SERVICES	LATAH CTY SHERIFFS OFFICE
JOHN	CLINE	DIRECTOR	STATE OF IDAHO – BUREAU OF DISASTER SERVICES
KEITH	COOK	DISTRICT REPRESENTATIVE	MOTOROLA
RICHARD B		ASSISTANT FIRE CHIEF	NAMPA FIRE DEPT
GARY	DAY	CAPTAIN	IDAHO FALLS FIRE DEPT
KIT	ELDRIDGE	DISTRICT MANAGER	M/A-COM WIRELESS SYSTEMS
LEONARD	ELFERING	CHIEF	PARMA POLICE DEPARTMENT
LORRAINE	ELFERING	COMM MANAGER	CANYON CTY SHERIFFS OFFICE
EDWARD	EMMEL	COMMUNICATION MANAGER	CITY OF BOISE
BEN	ESTES	FIRE CHIEF	POCATELLO FIRE DEPT
EDWARD	FLAGAN	PRESIDENT	MOUNTAIN WEST COMMUNICATIONS
DON	FOURNIER	ITRMC IT POLICY ANALYST	STATE OF IDAHO - ADMINISTRATION
JOHN	FRYLING	911 DIRECTOR	KOOTENAI CTY 911
AMBER	HENDERSON	OPERATIONS MANAGER	KOOTENAI CTY 911
BOB	HOWARD	SERGEANT	BONNER CTY SHERIFFS OFFICE
MATTHEW	HOWARTH	SENIOR ACCOUNT MANAGER	MOTOROLA
STEPHEN	JENKINS	CHIEF US FOREST SERVICE	CHIEF US FOREST SERVICE
DOUGLAS	JOHNSTON	COMM MANAGER	KOOTENAI CNTY 911
DODIE	COLLIER	SECRETARY / TREASURER	STATE OF IDAHO -

# FINAL DRAFT

LINDER			ADMINISTRATION
MARK	LOCKWOOD	CHIEF	SANDPOINT PD
GLENNA	MCGILL	COMMUNICATIONS MANAGER	KOOTENAI CTY 911
NELSON	MORRIS	UNDERSHERIFF	SHOSHONE COUNTY SHERIFF
DEBBIE	NORRIS.	SYSTEMS MANAGER	BONNEVILLE CTY EMER. COMM.
RICK	OLBERDING	IT SYSTEMS INT. ANALYST SR.	STATE OF IDAHO - ADMINISTRATION
STANLEY	PASSEY	COMM MANAGER	IDAHO STATE POLICE
JAMES	PRICE	COMMUNICATIONS MANAGER	STATE OF IDAHO- MICROWAVE SERVICES
DAVE	RICH	MAJOR	IDAHO STATE POLICE
DOTY	ROBBINS	LEWISTON POLICE DEPT	LEWISTON POLICE DEPT
MARCUS	ROBBINS	DEPUTY/INFO SERV	BONNER CTY SHERIFFS OFFICE
JOE	ROCHE	ADMINISTRATOR	STATE OF IDAHO – ADMINISTRATION
DAVID	RUDD	IT SYSTEMS ANAYLST SR	STATE OF IDAHO - ADMINISTRATION
V M	SANDERS	DEPUTY CHIEF	BANNOCK CSO
LESTER	SHADDUCK	COMM. LOGISTICS SUPPORT MANAGER	ADA CNTY SD
BOB	SPEIDE	MGR REGULATORY POLICY	M/A-COM, INC
NANCY	TAYLOR	COMMUNICATIONS SUPERVISOR	SHOSHONE CTY SHERIFFS OFFICE
REGINALD	THORPE	EMERGENCY MANAGER	SHOSHONE BANNOCK TRIBES EMERGENCY MANAGEMENT
THOR	WIEGMAN		BONNER COUNTY
KEVIN	ZYWINA	IT SYSTEMS INT ANALYST	STATE OF IDAHO - ADMINISTRATION

Passey asked that voting members acknowledge themselves to determine if a quorum was present. Twenty (20) voting members were present, and three (3) officers; according to the by-laws a quorum constitutes twenty (20) voting members and two (2) officers.

Passey opened discussion on Regional Planning Committee (RPC) elections. Estes motioned that officer elections be held every two (2) years; Cline seconded, motion passed.

Passey then opened discussion on committee structure of the RPC. Over the past year, the Chairs of the Interoperability Committee and the Outreach Committee were unable to participate at the level they had originally thought. Passey asked for volunteers to head these two committees. Before a decision could be made, questions came from the attendees on the overall scope of public safety communication activities the state is currently involved in.

Thorpe asked if the RPC would replace the Trunked Radio Subcommittee of the Public Safety Emergency Communications Committee (PSECC). Passey replied no, that the RPC's charge is to create a plan for statewide allocation of the 700MHz spectrum only. Cline asked how the various committees interact. Alcott commented that the issues with public safety are much more

than just 700MHz, and asked what was going on with the “bigger picture”? Passey replied that the public safety community needs to work together and move forward now.

Cline mentioned that General Kane is waiting for direction from the Governors’ Office. Passey told the attendees the formation of a Statewide Interoperability Executive Committee (SIEC) would provide the opportunity to utilize available federal funding in the development of a statewide public safety communications plan. Other opportunities would become available to the public safety community through the formation of a body governing public safety communications.

Rich told the attendees that the PSECC, the Trunked Radio Subcommittee, the 700MHz RPC, and other groups working on similar issues, need to be elevated to the Governor’s Office. He mentioned that federal agencies, Public Safety Wireless Network (PSWN), the Federal Emergency Management Agency, and the US Department of Justice, will all channel funding through a state’s SIEC.

Passey then introduced Mr. Speidel of M/A-Com. Mr. Speidel offered a thorough PowerPoint presentation to the attendees explaining the charge of the 700MHz Regional Planning Committee. Please see <http://www.700region12.org/minutes/InterstateTalkTruthandMyths60203wpipe.s.p.t> for Speidel’s presentation.

A lunch adjournment followed Mr. Speidel’s presentation.

Cline finished the agenda with a PowerPoint presentation explaining the lessons learned when communication failed between police and fire first responders on September 11, 2001. He also spoke about considerations to increase the ability for public safety to communicate. Please see <http://www.700region12.org/minutes/ClinePresentation503.ppt> for Cline’s presentation. Meeting was adjourned at 2:35PM.

## MEETING MINUTES

### Region 12, 700 MHz Sub-Committee Planning Meeting

Meridian, Idaho

January 21, 2004

1. The meeting was called to order at 9:16 a.m. by Stan Passey, Chairman.
  - a. A list of the attendees at this meeting is included at the end of this report.
2. Review of Draft 700 MHz Plan:
  - a. General discussion held about the progress of the Plan. It was noted Region 5 plan was rejected by the FCC. Region 24 Plan will possibly be the first plan that is accepted. Les Shadduck, (Ada County Sheriff's Office) is who has drafted out the plan to this point.
3. Assignments of Plan Elements:
  - a. Further discussion of necessary elements that need to be included to depict Region 12's goals.
  - b. The names of the Chairperson(s) of the Sub-Committees will be added to to the Plan.
  - c. Discussion about a logo for Region 12 to be displayed on the cover sheet. Other Regions logos were looked at.
  - d. The best methods for future meeting notifications to promote and enhance attendance at various locations was discussed. There were ideas of using a web bulletin board or a listserv to aid in notifications. Motorola will get a copy of Washington's pamphlet for the committee to examine.
  - e. Interoperability is defined in Section 6 of the Plan.
  - f. Management of the Program is covered in Section 13. Les Shadduck stated this section details the handling of disputes and is very detailed.
  - g. Additional Spectrum is covered in Section 6.6 of the Plan. It should be noted that John Kline, (BHS), discussed the State's progress in purchasing several mobile repeaters and handheld radios to be made available for different areas, during emergencies.
  - h. There were preliminary discussions about management of the 4.9GHz.
  - i. The Out-Reach Sub-Committee, Bart Hamilton (Ada County Sheriff's Office) will be who contacts surrounding states to get the Region 12 Plan accepted. A letter from each Regional Committee stating their approval of the plan, as well as it does not cause them any problems is required. CapRad was mentioned as a possible mechanism in contacting these adjacent states.
  - j. Minutes of all the meetings will be attached to the Plan when it is Submitted to the FCC for approval. Douglas Johnston, (Kootenai County) will keep the minutes to ensure they are attached.
4. Next Meeting Date:

Tentative agreement to have the next meeting in Coeur d'Alene, Idaho, during the Western APCO Conference in Spokane, Wash., during 02/29/04-03/03/04. Douglas Johnson will make the arrangements for the meeting place.

A conference call was scheduled for the Sub-Committee for 02/04/04 at 10:00 a.m. by Stan Passey, Chairman.

5. The meeting was adjourned by Stan Passey at 1:30 p.m.

ATTENDEES: Stan Passey, Chairman  
Douglas Johnston, Vice-Chair  
Lorraine Elfering, Secretary-Treasurer  
Les Shadduck, Ada County Sheriff's Office (Interoperability Chair)  
Bart Hamilton, Ada County Sheriff's Office (Outreach Chair)  
Ron Vogt, SirComm Regional Dispatch Center  
Ed Emmel, City of Boise (Technical Chair)  
John Kline, Bureau of Hazardous Materials  
Matt Howarth, Motorola  
Bruce Branlund, Motorola

/s/ Respectfully,  
Lorraine M. Elfering  
Secretary-Treasurer

## MEETING MINUTES

Region 12, 700 MHz Regional Planning Committee Meeting  
Coeur d'Alene, Idaho  
March 2, 2004

1. The meeting was called to order at 3:00 p.m. by Stan Passey, Chairman.
  - a. Introductions by meeting attendees.
  - b. A list of the attendees at this meeting is included at the end of this report.
2. Review of Draft 700 MHz Plan:
  - a. Stan Passey pointed out the new logo that will be displayed on the cover sheet of the Regional Plan.
  - b. Technical Sub-Committee update Chair Ed Emmel is waiting to attend the CAPRAD training. Once completed, the database can be manipulated to fit the RPC's frequency planning. Stan advised that he has been in contact with Dave Funk and is waiting to hear back when the next CAPRAD training session is scheduled. Ed advised that he would contact Dave Funk to make the arrangements for training.
  - c. Interoperability Sub-committee update Chair Les Shadduck advised that there are about 5 items that need to be worked on and added to the draft plan. Completion of some of these items will require the subcommittees to work together. The largest item is getting the frequency plan worked on.
  - d. Stan advised that we are about 70% complete on the draft.
  - e. Les Shadduck advised that he has seen completed State plans turned into the FCC without adjacent States signing off on their plan. Stan commented that each State plan will need to be approved by the adjacent States prior to the FCC accepting their plan.
  - f. Stan mentioned that he is starting to see and hear dialog discussing 700 MHz paging. Matt Howarth from Motorola mentioned that he has not heard anything yet and Motorola currently does not make any pagers that will work in the 700 MHz band. Stan will check with APCO to find out more information.
  - g. Two additional items brought up by Stan was the movement to setup a National 700 MHz RPC Committee and a movement to organize a Spectrum Coalition to lobby for more public safety spectrum.
3. 4.9 GHz Spectrum Management Discussion:
  - a. Stan opened the floor for discussion on whether the RPC wants to take on developing a plan to manage the 4.9 GHz spectrum. Mark Lockwood mentioned that since this is a new spectrum it would be easier to manage

- now rather than later. Everyone was in agreement that we should manage the spectrum. Stan will notify the FCC of our decision.
- b. Stan mentioned that CAPRAD was possibly going to add the 4.9 GHz database management as part of their training.
  - c. Stan mentioned that NPSTC is having a Task Force meeting to discuss operational recommendations for the implementation of 4.9 GHz. Part of their agenda is to develop a Regional Planning Committee template. Doug Johnston mentioned that we should follow the developments of that Task Force. Stan asked Doug to contact Stephen Devine, Chairperson of the Task Force, to find out where we can get information on their developments.
  - d. Discussion was held on the formation of another subcommittee for the 4.9 GHz spectrum planning. Ed Emmel suggested that 4.9 GHz planning be worked on by the existing subcommittees. Doug Johnston mentioned that we wait until we find out what recommendations come from the NPSTC 4.9 GHz Task Force. Everyone agreed that we can make a decision at the next meeting on how we would like to proceed.
  - e. Stan asked Doug to call Bart Hamilton and discuss 4.9 GHz planning with him.
4. Next Meeting Date:  
Suggestions were made to have the next scheduled meeting in Pocatello, Idaho, during the month of May. This will be the annual required RPC meeting.
5. The meeting was adjourned by Stan Passey at 4:42 p.m.

ATTENDEES:

Stan Passey, Chairman  
Douglas Johnston, Vice-Chair  
Ed Emmel, City of Boise (Technical Chair)  
Les Shadduck, Ada County Sheriff's Office (Interoperability Chair)  
Keith Cook, Motorola  
Thor Wiegman, Bonner County  
Bob Howard, Bonner County Emergency Management  
Cory Lyman, Ketchum City PD/Comm  
Matt Howarth, Motorola  
Bruce Bowler, Madison County Sheriff's Office  
Len Humphries, Fremont County Sheriff's Office  
Gary Day, Idaho Falls Fire  
Mark Lockwood, Sandpoint Police Dept.



**Idaho 700 MHz Annual Committee Meeting  
Pocatello, Idaho  
April 19, 2004**

The meeting was held at the Bannock County Sheriff's Office, in Pocatello, Idaho. Opening the meeting was Major Mike Shaughnessy from the U.S. Air Force, Western Air Defense Sector, from Washington, about establishing a 911 Operations Protocol in PSAPs across the nation for the purpose of dealing with 911 calls received from passengers in airplanes or citizens on the ground observing objects in the air. This is to establish set call-gathering information from the caller, and then relay that information to a direct number.

Chairman Stan Passey called the annual Committee meeting to order. The Chairman provided updates as to the progress of Idaho's plan for 700 MHz, and the 4.9 GHz frequencies.

Chairman Passey advised that the Committee had initially received a grant for \$2,500.00 for the Committee to use. To date \$825.15 has been spent, leaving a balance of \$1,674.85. Chairman Passey advised the website renewal funds for the State of Idaho 700 MHz plan were due. He stated he had renewed it for five (5) years for \$95.00 on 02/27/04. There have been no other expenditures. The current balance is now \$1,579.85.

Chairman Passey advised that a part of getting the plan approved by the FCC was to align the frequencies. He stated that CAPRAD training was being held in Denver, Colorado, on 06/21 – 23/04; Chairman Passey advised Ed Emmel and Doug Johnston will be attending this training.

Chairman Passey stated two (2) 700 MHz plans have been submitted to the FCC thus far; So. California's plan was approved on 04/30/04, and Missouri's plan had not been approved.

## **COMMITTEE REPORTS**

### **Frequency Committee Report:**

Ed Emmel advised interested members could go to [www.NPSTC.org](http://www.NPSTC.org) to go to a website and view the frequencies assignments. He stated to login, use:

Username: guest  
Password: guest

He advised the CAPRAD training will provide training on the basic template for frequency assignments.

### **Outreach Committee Report:**

Lt. Bart Hamilton advised of creating a message board on Yahoo to communicate and get information out to people about the 700 MHz Plan. He stated if anyone had trouble getting logged on, to contact him.

### **Interoperability Committee Report:**

Les Shadduck talked about the Idaho 700 MHz plan. He advised our plan was longer than Southern California's. He advised Idaho's plan was 29 pages in length. The Dispute Resolution section was 2-3 pages long, compared to Southern California's being 1 paragraph long.

Les advised that he would revise the draft and cut it down and make it more simplified. He wants to have a complete draft of the Plan out within one (1) week so that the Interoperability Group can go over it, then have a finalized draft form for the people attending the CAPRAD training to take with them. Les also talked about some reasons Missouri's Plan was disapproved.

Generalized discussions were held about the 4.9 GHz frequency. The FCC has allocated this spectrum, however there is no equipment yet available in this area. Ada County is projecting to use 4.9 GHz for data.

4.9 GHz has some far reaching capabilities. The State of Utah has already applied for, and received a 4.9 GHz a license. On 05/02/04, Idaho decided to develop a plan for usage of this frequency.

The FCC is aware Idaho wants to develop a plan for coordination of 4.9 GHz. There were two mandates. The first was to have a meeting within six (6) months of the FCC's publishing of the Report and Order to make a decision about whether we would pursue coordination efforts, or leave coordination efforts to each jurisdiction in an ad hoc fashion. Idaho met that mandate. The second requires that we file our plan no later than July 30, 2004. We intend to meet that filing date.

### **BANNOCK COUNTY PROGRESS – 700 MHz:**

Gordon Howell from Bannock County did a presentation on Bannock County's progress towards a 700 MHz radio system. He advised that it was a unified effort by all the Fire, EMS, and Law Enforcement agencies. They are in the process of ordering the infrastructure equipment for the system from Motorola. The system should go live on 10/01/04. If this happens, Bannock County will be the first agency in the nation to have a 700 MHz system operational. Bannock County is also looking at sharing this system with surrounding counties to promote interoperability for these agencies. Bannock

County is demonstrating what happens when agencies come together collectively to enhance communications and make it work!!

At 12:28 pm, the business portion of meeting was called to order by Chairman Passey. He advised that Roberts Rules of Order were in effect.

This portion of the meeting was to make a decision about the Chairman position for Idaho's 700 MHz Committee. Chairman Passey advised the Committee needed to determine first if there would be an election for a new Chair, or to change the by-laws and extend the term of the Chairperson.

Chairman Passey opened the floor for discussion. Sheriff Nielsen inquired if all positions were to be voted on. Chairman Passey advised it was just the Chairman position.

#### **MOTION FOR VOTE:**

Sheriff Nielsen of Bannock County moved that the position for Chairman be voted for. This motion was 2<sup>nd</sup> by Les Shadduck of Ada County.

**ACTION:** Motion passed unanimously.

#### **NOMINEES TAKEN FOR CHAIRMAN:**

Sheriff Nielsen of Bannock County nominated Lt. Bart Hamilton from Ada County for Chairman. Roger Sears of Pocatello Fire Dept. 2<sup>nd</sup> the motion.

Doug Johnston of Kootenai County 911 nominated Stan Passey for Chairman; Jim Price from Bureau of Communications 2<sup>nd</sup> the motion.

Sheriff Nielsen moved nominations to cease. Lt. Roger Sharp from Canyon County 2<sup>nd</sup> the motion.

**ACTION:** Motion passed unanimously.

It was requested that the nominees give a short speech to the group. After the nominees spoke, votes were cast by hand written ballot and by proxy. Doug Johnston, the Vice Chair, and Lorraine Elfering, Secretary-Treasurer counted the votes. Dodie Collier witnessed the count.

Lt. Bart Hamilton was selected as the Chairman of the 700 MHz Committee. Lt. Hamilton accepted the position.

Ed Emmel asked if the Committee Chairs would be named. Chairman Hamilton stated he would take that under advisement.

#### **ADJOURNMENT:**

Motion made by Ben Estes of IFCA to adjourn the meeting.

Motion was 2<sup>nd</sup> by Kevin Quick of Pocatello Fire Dept.

**ACTION:** Motion passed unanimously. Meeting adjourned at 1250 Hrs.

**ATTENDEES:**

Dodie Collier of SIEC with Idaho State Police  
Jay Wittreich of Western Air Defense Sector  
Major Mike Shaughnessy of Western Air Defense Sector  
Bud Langerak of Bonneville County SO  
Bruce Bowle of Madison County SO  
Len Humphries of Fremont County SO  
Jim Price of State of Idaho Dept. of Administration  
Nathan Bently of State of Idaho Dept. of Administration  
Roger Sears of Pocatello Fire Dept.  
Kevin Quick of Pocatello Fire Dept  
Les Shadduck of Ada County Sheriff's Office  
Bart Hamilton of Ada County Sheriff's Office  
Douglas Johnston of Kootenai County 911  
Matt Howarth of Motorola  
Stan Passey of Idaho State Police  
Aaron Clark of Clark Radio  
Ben Estes of Idaho Fire Chief's Assoc.  
V.M. Sanders of Bannock County Sheriff's Office  
Gordon Howell of Bannock County  
Lorin Nielsen of Bannock County Sheriff's Office  
Don Furu of Pocatello Police Dept  
Richard Davies of Nampa Fire Dept  
Lorraine Elfering of Canyon County Sheriff's Office  
Roger Sharp of Canyon County Sheriff's Office  
Reggie Thorpe of Fort Hall Emergency Management  
Nona Boyer of Fort Hall Emergency Management  
Gary Day of Idaho Falls Fire Dept.  
Pete Stevens of Idaho Falls Fire Dept.

Respectfully submitted,

/s/

Lorraine M. Elfering,  
Secretary-Treasurer

## **Appendix D**

### Tribal Information

Coeur D'Alene Reservation  
Coeur D'Alene Tribal Council  
Route 1  
Plummer, ID 83851  
Tel# (208) 686-1800, Fax# 686-1182

Fort Hall Reservation  
Fort Hall Business Council  
P.O. Box 306  
Fort Hall, ID 83203  
Tel# (208) 238-3700, Fax# 237-0797

Kootenai Reservation  
Kootenai Tribal Council  
P.O. Box 1269  
Bonners Ferry, ID 83805  
Tel# (208) 267-3519, Fax# 267-2762

Nez Perce Reservation  
Nez Perce Tribal Executive Committee  
P.O. Box 305  
Lapwai, ID 83540  
Tel# (208) 843-2253, Fax# 843-7354

Northwestern Band of Shoshoni Nation  
Fort Hall Agency  
P.O. Box 637  
Blackfoot, ID 83221  
Tel# (208) 785-7401, Fax# 785-2206

## **Appendix E**

### Idaho Counties

**Idaho County Population Estimates and Population Change: July 1, 2001 to July 1, 2002**

County	State	July 1, 2002 Population	July 1, 2002 Population State Rank	July 1, 2001 Population	July 1, 2001 Population State Rank
	Idaho	1,341,131	(X)	1,320,585	(X)
Ada	Idaho	319,687	1	312,839	1
Adams	Idaho	3,448	41	3,418	41
Bannock	Idaho	75,804	5	75,812	5
Bear Lake	Idaho	6,360	36	6,459	36
Benewah	Idaho	8,993	28	9,023	28
Bingham	Idaho	42,458	7	42,249	7
Blaine	Idaho	20,378	15	19,780	15
Boise	Idaho	7,067	34	6,936	34
Bonner	Idaho	38,205	8	37,297	8
Bonneville	Idaho	85,180	4	83,858	4
Boundary	Idaho	10,085	26	9,946	27
Butte	Idaho	2,890	42	2,851	42
Camas	Idaho	1,037	43	1,011	43
Canyon	Idaho	144,983	2	139,004	2
Caribou	Idaho	7,319	33	7,401	33
Cassia	Idaho	21,720	13	21,595	13
Clark	Idaho	997	44	992	44
Clearwater	Idaho	8,446	29	8,608	29
Custer	Idaho	4,185	38	4,269	37
Elmore	Idaho	29,481	11	29,308	11
Franklin	Idaho	11,699	24	11,472	24
Fremont	Idaho	11,859	23	11,829	23
Gem	Idaho	15,495	19	15,426	19
Gooding	Idaho	14,307	21	14,255	21
Idaho	Idaho	15,308	20	15,395	20
Jefferson	Idaho	19,781	16	19,347	17
Jerome	Idaho	18,703	18	18,473	18
Kootenai	Idaho	113,954	3	111,659	3
Latah	Idaho	35,218	10	35,154	10
Lemhi	Idaho	7,649	30	7,603	31
Lewis	Idaho	3,721	40	3,626	40
Lincoln	Idaho	4,207	37	4,161	39
Madison	Idaho	27,686	12	27,404	12
Minidoka	Idaho	19,465	17	19,569	16
Nez Perce	Idaho	37,106	9	37,019	9
Oneida	Idaho	4,131	39	4,179	38
Owyhee	Idaho	10,862	25	10,909	25
Payette	Idaho	21,007	14	20,780	14
Power	Idaho	7,379	32	7,487	32
Shoshone	Idaho	13,090	22	13,464	22
Teton	Idaho	6,859	35	6,479	35
Twin Falls	Idaho	65,472	6	64,642	6



## FINAL DRAFT

<b>Valley</b>	<b>Idaho</b>	7,526	31	7,648	30
<b>Washington</b>	<b>Idaho</b>	9,924	27	9,949	26

**Appendix F**

Surrounding States' Chairs/Conveners

with

Inter-Regional Coordination and Agreements

<p>700 MHz Region 43  <b>Regional Chairman</b>  <b>Washington</b>  Jon Wiswell  City of Seattle  700 5<sup>th</sup> Avenue, Suite 2700  PO Box 94709  Seattle, Washington 98124-4709  PH: 206-386-1215  Email: Jon.Wiswell@seattle.gov  Web: www.Region43.org</p>	<p>700 MHz Region 35  <b>Regional Chairperson</b>  <b>Oregon</b>  David Brooks  City of Portland, BTS/Com Net  Engineering  3732 SE 99<sup>th</sup> Avenue  Portland, OR 97260-2505  PH: 503-823-4767  FX: 503-823-4185  Email: dbrooks@ci.portland.or.us  Web: www.region35.org</p>
<p>700 MHz Region 27  <b>Regional Chairman</b>  <b>Nevada</b>  Mark Pallans  Nevada Shared Radio System  c/o Nevada Power Company  2215 E. Lone Mountain Road, MS 93  North Las Vegas, NV 89031  PH: 702-657-4205  FX: 702-657-4220  Email: mpallans@nevpc.com</p>	<p>700 MHz Region 41  <b>Regional Chairman</b>  <b>Utah</b>  Steve Proctor  Utah Communications Agency Network  5360 South Ridge Village Drive  Salt Lake City, Utah 84118  PH: 801-840-4200  FX: 801-840-4242  Email: steve@ucan800.org</p>
<p>700 MHz Region 46  <b>Regional Chairman</b>  <b>Wyoming</b>  Mark Joiner  Wyoming Public Safety  Communications Commission, BLM  1335 Main Street  PO Box 16  Lander, WY 82520  PH: 307-332-8460  FX: 307-332-8465  Email: mark_joiner@blm.gov</p>	<p>700 MHz Region 25  <b>Regional Chairperson</b>  <b>Montana</b>  Kevin Bruski  Montana Department of Transportation  Communications Bureau  2701 Prospect Avenue  PO Box 201001  Helena, MT 59620-1001  P: 406-444-6305  F: 406-444-6353  Email: kbruski@mt.gov</p>

## **Appendix G**

### Prior Plan Concurrence Letters and Dispute Resolution Agreements

## **Appendix H**

### New Concurrence Letters and Dispute Resolution Agreements