Office of the Secretary
Federal Communications Commission
Marlene H. Dortch
Secretary
445 12th Street, SW
Washington, DC 20554

Subject: WTB Docket 02-378, Region 3 -- 700 MHz Regional Plan

Attached please find the 746-776/796-806 MHz Regional Plan for Region 3. A copy of the Plan has also been forwarded to Jeannie Benfaida. If you have any questions, please contact the Regional Chairperson at 602-506-2885.

Thank you,

Mark S. Schroeder
Region 3 700 RPC Chairman
Maricopa County Wireless Systems
3324 W. Gibson Lane
Phoenix, AZ 85009-2475

Region 3

700 MHz Regional Plan

August 31, 2005

Contributions

The Region 3 Planning Committee acknowledges the following agencies for their contributions of time, material and dollars towards completion of this plan:

The National Public Safety Telecommunications Council (NPSTC)

Arizona Department of Public Safety

Arizona Public Safety Communications Advisory Commission

To all departments, agencies, cities, counties and Tribal Nations who attended meetings and provided input into the process.

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1.0 REGIONAL COMMITTEE POSITIONS

At the 13th Region 3 Regional Planning Committee (RPC) meeting on February 11, 2005, Mark Schroeder was elected as Regional Chairman of the Committee. His contact information is below:

Mark S. Schroeder
Maricopa County Wireless Systems
3324 W. Gibson Lane
Phoenix, AZ 85009-6248
Phone: 602-506-2885
email: MarkSchroeder@mail.Maricopa.gov

At the 1st RPC meeting on April 11, 2001 Mark Openshaw was elected as Vice Chairman of the Committee. His contact information is below:

Mark Openshaw
Gila River Fire Dept
5002 N. Maricopa Rd
Chandler, AZ 85226
Phone: 520-796-5911

At the 13th RPC meeting on February 11, 2005 Greg Wilkinson was elected as Secretary of the Committee. His contact information is below:

Greg Wilkinson
City of Yuma
One City Plaza
PO Box 13013
Yuma, AZ 85366-3013
Phone: 928-373-4902

At the 16th RPC meeting on August 31, 2005, Stuart Snow was elected as Treasurer of the Committee. His contact information is below:

Stuart Snow
City of Tempe
53 S. Priest, Bldg G
Tempe, AZ 85251
Phone: 480-350-2930

2.0 RPC MEMBERSHIP

Appendix C contains the current membership list for Region 3. Membership is open to any interested party. Voting and operating procedures are described in section 5 and Appendix A of this plan.

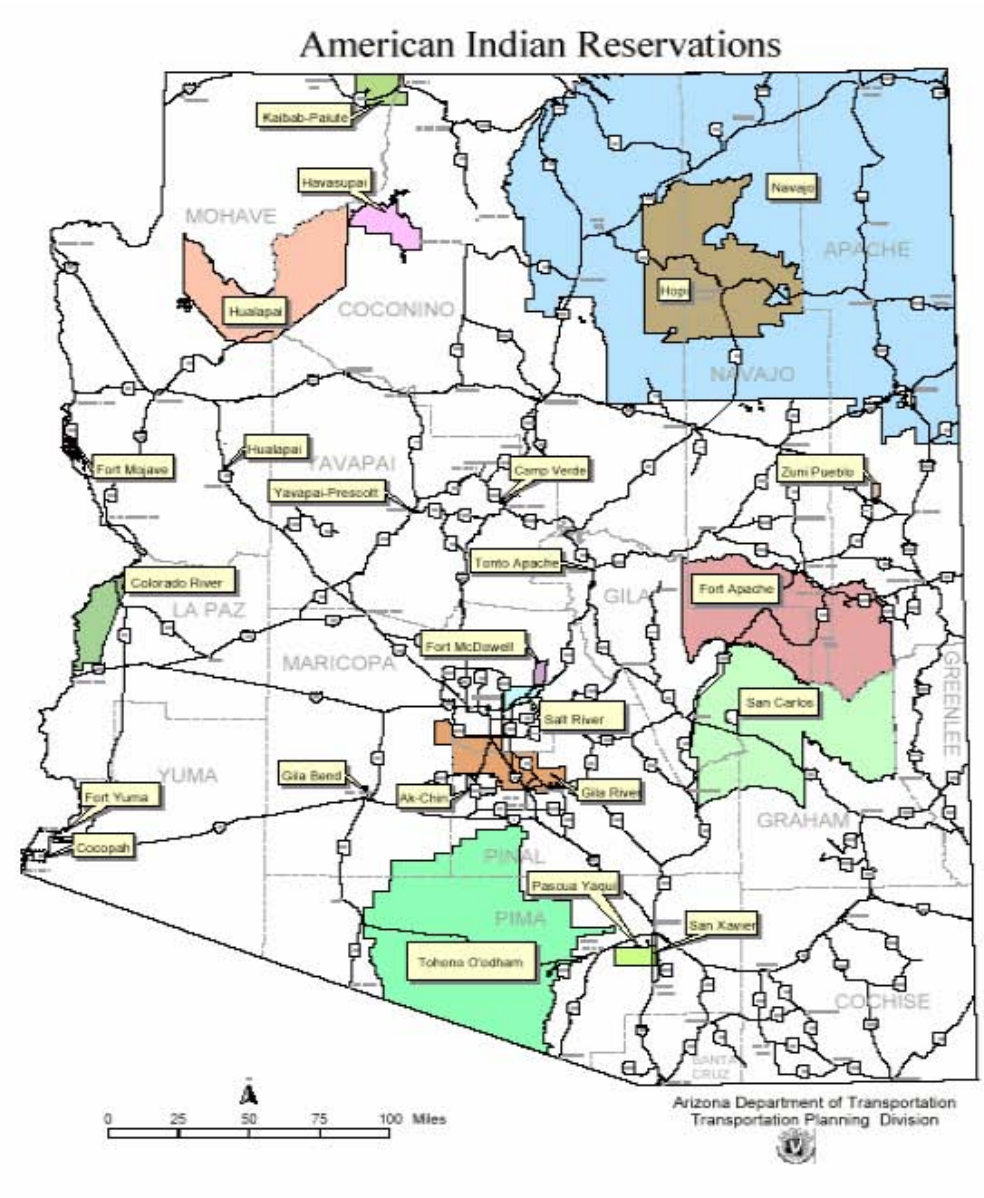
3.0 REGION DESCRIPTION

Region 3 is comprised of the State of Arizona, including all 15 counties within its boundaries. The geographic terrain in Region 3 is varied with elevations ranging from 70 feet at the Colorado River to over 12,655 feet at Humphreys Peak which is the highest level. Population centers are primarily concentrated in Maricopa and Pima counties that are located in Central and Southeastern Arizona. Other counties in Region 3 have smaller centers of population with vast areas of sparsely populated deserts and mountains. Maricopa and Pima Counties require the most spectrum resources based on population density and public safety involvement in concentrated population centers. The total population of Region 3 was placed at 5,743,834 by the 2004 census.

US Census Bureau Quick Facts 2000	Arizona	USA
Land Area (square miles)	113,635	3,537,438
Land Area (acres)	72,726,400	2,263,960,320
Persons per square mile Year 2000	45.2	79.6
Households Year 2000	1,901,327	105,480,101
Population % change April 2000 to July 2003 (estimate)	8.8%	3.3%

County	Population 2000	Population % change 2000 to 2003(estimate)	Land Area	Persons per sq. mile
Apache	68,423	12.7%	11,205	6.2
Cochise	117,755	3.7%	6,169	19.1
Coconino	116,320	4.3%	18,617	6.2
Gila	51,335	0.2%	4,768	10.8
Graham	33,489	-1.3%	4,629	7.2
Greenlee	8,547	-12.1%	1,847	4.6
La Paz	19,715	-1.0%	4,500	4.4
Maricopa	3,072,149	10.3%	9,203	333.8

Mohave	155,032	10.5%	13,312	11.6
Navajo	97,470	7.0%	9,953	9.8
Pima	843,746	5.8%	9,186	91.8
Pinal	179,727	13.6%	5,370	33.5
Santa Cruz	38,381	4.9%	1,238	31.0
Yavapai	167,517	10.1%	8,123	20.6
Yuma	160,026	6.9%	5,514	29.0



Arizona Native American Tribes (Communities): There are a total of 22 Native American tribes in Arizona, they are:

- Ak-Chin Community
- Yavapai-Apache Indian Community
- Navajo Nation
- Cocopah Indian Community
- Colorado River Indian Community
- White Mountain Apache Tribe

- Fort Apache Indian Community
- Fort McDowell Yavapai Nation Community
- Fort Mojave Community
- Gila River Indian Community
- Havasupai Indian Community
- Hopi Indian Community
- Hualapai Community
- Kaibab Paiute Indian Community
- Pascua Yaqui Indian Community
- Salt River Pima-Maricopa Indian Community
- San Carlos Apache Community
- Tohono O'odham Community
- Tonto Apache Community
- Yavapai-Prescott Indian Community
- Fort Yuma-Quechan Tribe
- San Juan Southern Paiute Tribe

Native American communities are spread throughout Arizona and account for over 24.7 million acres of land (or 38,593.75 square miles). The above map represents the Native American tribes and their locations in Arizona.

Each Native American Tribe located in Arizona was formally notified by the RPC, in writing through a mailing on 7/23/01 and provided a copy of the draft plan to comment on. Additionally, the Chairman and Vice Chairman attended a Tribal meeting, of all representatives within the Indian communities of Arizona, to provide a formal presentation of the 700 MHz Regional Plan on 5/16/02.

3.1 Surrounding Regions

Five Regions bordering Region 3 (Arizona):

Region 5 – California
Region 27 – Nevada
Region 41 – Utah
Region 7 – Colorado
Region 29 – New Mexico

4.0 NOTIFICATION PROCESS

Region 3 is comprised by the State of Arizona and its political subdivisions. Arizona has 15 Counties. Sixty days prior to convening the initial 700 MHz Regional Planning meeting, notices were sent electronically to the FCC Wireless Telecommunications Bureau and the Associated Public Safety Communications Officials National Office.

Within the state of Arizona, notices were sent to the Arizona League of Cities and Towns, and The Arizona Chiefs of Police Association for distribution to all member agencies.

After the initial meeting, notifications have been posted at various public safety websites in Arizona, along with a Yahoo newsgroup for AZ 700 RPC activities. Notifications have been distributed to all agency members that provided email addresses, through direct email and through Yahoo group distribution, along with FCC Public Notices.

The first meeting was schedule and held on April 11, 2001 at the Mesa Police Communications Center, Mesa, AZ. A website was then established at http://groups.yahoo.com/group/az700rpc/ to provide a location for common communications and discussion, also to post meeting notices, minutes, plans, and attendee lists.

The following subsequent meetings were held:

2nd – Mesa, AZ	05/18/2001
3rd – Flagstaff, AZ	07/19/2001
4th – Tucson, AZ	09/28/2001
5th – Casa Grande, AZ	01/09/2002
6th – Phoenix, AZ	03/21/2002
7th – Sedona, AZ	07/12/2002
8th – Bisbee, AZ	10/24/2002
9th – Surprise, AZ	03/28/2003
10th – Sedona, AZ	07/11/2003
11th – Phoenix, AZ	09/23/2003
12th – Scottsdale, AZ	01/07/2004
13th – Lake Havasu City, AZ	04/30/2004
14th – Phoenix, AZ	02/11/2005
15th – Gila River Indian Community, AZ	04/15/2005
16th – Mesa, AZ	08/31/2005

5.0 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 Entity having one vote. Additional voting member considerations are listed in the Region 3 Bylaws, attached in Appendix A. 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 regional planning.

Subcommittees have been formed as needed to work on specific issues. These subcommittees 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 RPC. Subcommittees are open to any member. The Chair of the RPC appoints each Subcommittee Chair. The Region 3 subcommittees are: Administration, Interoperability and Technical.

A minimum of one meeting per year will be held of the full committee. This will be announced and advertised 90 days in advance by the Committee Chair. Normal time for this meeting will be in January each year.

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

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 Vice Char can call a special meeting; the State or any county in the region may call for a special meeting, giving at least 90 days notice, to elect replacements.

5.2 Technical Subcommittee

The primary responsibility of the Region 3 Technical subcommittee will be to review applications from agencies within the region for conformance to plan requirements. The Technical subcommittee will have access to the National Public Safety Telecommunications Council (NPSTC) Computer Assisted Pre-coordination and Resource Database System (CAPRAD) pre-coordination database system, and will review and recommend

approval of applications, as they are received in the system. Applications approved by the RPC will be forwarded to the selected coordinator, then to the FCC for licensure. The membership of this committee will consist of the Technical subcommittee chairperson, the Interoperability subcommittee chairperson and three other members of the RPC selected by the RPC chair. Membership of the Technical subcommittee will be determined at the annual meeting.

The Technical subcommittee duties are as follows:

- Review applications for compliance to the Region 3 Plan;
- Review appeals, applicant clarifications and applicant presentations;
- Recommend approval or denial to the RPC Chair;
- Maintain coordination with FCC certified frequency coordinators and advisors;
- Update CAPRAD.

5.3 Interoperability Subcommittee

Arizona has created a State Interoperability Executive Committee (SIEC) to oversee interoperability channels. The Arizona SIEC intends to include at least one member of the Region 3 RPC on its committee. The Region 3 interoperability subcommittee will serve as liaison with the Arizona SIEC and assist in the statewide interoperability planning process.

The Interoperability subcommittee duties are as follows:

- Work with the Arizona SIEC in the development of a statewide interoperability plan;
- Load interoperability channel assignments in CAPRAD;
- Review application interoperability plans for conformance to the SIEC plan.

5.4 Administrative Subcommittee

The Administrative subcommittee is responsible for monitoring adherence to the Region 3 Plan. The membership of this committee shall consist of the Interoperability subcommittee chairperson and three other members of the RPC selected by the RPC chairperson. Membership of the committee will be determined at the annual meeting. The committee will remain in

place permanently to resolve inter-regional issues and recommend regional plan changes to the FCC.

The Administrative Subcommittee duties are as follows:

- Annually review and update the Region 3 plan as necessary;
- Monitor various system(s) implementation progress;
- Communicate with applicants to determine if implementation of their systems is in accordance with provisions of their applications;
- Make recommendations to the RPC on applicants that fail to implement systems;
- Make recommendations to resolve inter-regional issues.
- Maintain coordination with neighboring RPC's.

5.5 Procedure for Requesting Spectrum Allotments

Upon completion and approval of this Plan by the FCC, requests for frequency assignments will be accepted. Agencies desiring allocations shall submit a request in writing to the Regional Planning Chairperson indicating their need for frequencies. The request will be considered as long as it provides no evidence of harmful interference to other users. Agencies need to provide justification for use of the spectrum. Requests will be considered on a first come first serve basis with the postmark as the tiebreaker. Other consideration taken into consideration for determination of priority of application will be:

a. Users who are involved in the protection of life and property.
b. Multi-Agency shared systems that multiple agencies agree to construct a common infrastructure. (i.e. State, City, County and others)
c. Large agencies with multiple divisions constructing a common system for all to use. (i.e. A large city or county with multiple divisions).
d. Trunked use of the frequencies.
e. Approved funding to construct the system using the 700 MHz frequencies.
f. A statement of the future intentional actions of any currently licensed channels that will be replaced by a new 700 MHz system, and how it may benefit other agencies in Arizona by releasing these channels back into the Public Safety pool.

Agencies will need to fully document technical information, sites, tower heights, area of coverage, ERP of transmitter sites, along with any other

technical information required for RPC subcommittee review and coordinator review. Agencies are expected to construct systems with maximum signal levels in their coverage area and minimum signal levels in co-channel user's coverage areas. Coverage area in the context of this plan will be defined as the geographical boundaries of agency(s) served by the system plus eight miles. The RPC realizes that radio signals don't stop at political borders. Our attempt is to maximize the use of the frequencies by packing as many users as possible per channel.

Upon completion of an initial review of the application, the RPC will forward copies to each of the existing 700 MHz users for concurrence by posting this information on CAPRAD. A thirty-day comment period will be allowed for users to comment on new applications. Should concerns exist the agency will reply in writing to the RPC Chairman for consideration by the technical committee. The agency applying will be allowed to make modifications to the application.

5.6 Procedure for Frequency Coordination

The RPC will initially utilize and refer to the frequency sort initiated by NPSTC and loaded into CAPRAD. The RPC has the ability to accept recommendations and the authority to change the original frequency sort that has been pre-loaded. In order to keep the most effective frequency allotments within Region 3, all frequencies will be available in all areas, subject to interference review and adjacent region review and approval by the Technical sub-committee.

Applicants must submit an application to the RPC so the committee can ensure the application complies with all elements of the regional plan. The elements of this application are shown in Section 9.0. If approved, the RPC will make sufficient notification to the applicants selected FCC Certified Frequency Coordinators through the CAPRAD database. This process meets the requirements of Rule 90.176 (c).

5.7 Adjacent Region Spectrum Allocation and Coordination

Region 3 shares borders with Southern California, Nevada, Utah, Colorado, and New Mexico. Region 3 will coordinate channel allocations with all its bordering regions by using the CAPRAD database. This tool will ensure adjacent state notification as well as FCC Certified Frequency Coordinator notification.

The Chair will send final draft copies of this plan to the conveners or Chair, as appropriate, to each adjacent region. Adjacent regions should be able to satisfy voice and narrowband data requests along their border areas

with Region 3. If any region has problems satisfying requests in an adjacent area, the Arizona RPC pledges to work with this region or any of the other surrounding regions to resolve any issues on a case by case basis.

5.8 Mexico Border Issues

Region 3 shares a border with Mexico. The Counties of Maricopa, La Paz, Yuma, Pima, Pinal, Greenlee, Santa Cruz and Cochise are impacted by border spectrum agreements. State of Arizona spectrum use is also impacted in those counties. Region 3 requests input to the FCC for any spectrum sharing agreements with Mexico. Any agreement that impacts allotments to these counties will impact the entire allotment plan for Region 3. Region 3 is willing to assist the FCC in any way in working out spectrum sharing agreements with Mexico in order to provide minimum impact to Region 3. Agencies with jurisdictional areas located 120 km (75 miles) of the Mexican border should note the following conditions without an agreement with Mexico; Public Safety licenses are granted subject to the conditions as set forth in 90.533. Public Safety transmitters operating within 120 km or 75 miles of the Mexican border must accept any interference that may be caused by operations of the UHF television broadcast transmitters in Mexico 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 government of Mexico, as applicable, regarding the non-broadcast use of the 764-776 MHz and 794-806 MHz bands.

5.9 Dispute Resolution

In the event an agency disputes the implementation of this plan or parts of this plan after FCC approval, the agency must notify the Chair of the dispute in writing. 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 a Dispute Resolution Committee consisting of at least five members from the RPC. 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/agencies, the

dispute and all written documentation will be forwarded to the Federal Communications Commission for final resolution.

5.10 Regional Plan Updates

Regional Plan Updates will be performed by the Region 3 Technical subcommittee, and shall occur annually if necessary. The membership will consist of the Technical subcommittee chairperson and members of the Region 3 Planning Committee appointed by the RPC chair. Final approval of Regional Plan Updates will be by approved during a general membership meeting. Upon approval, the updated plan will be submitted to the FCC for final review/approval if necessary.

6.0 INTEROPERABILITY CHANNELS

The Region 3 Plan requires that all new applicants and licensees modifying existing licenses program all portable and mobile radios to comply with the Arizona State Interoperability Executive Committee (SIEC) communications plan for 700 MHz channels. The AZ SIEC plan will be attached under APPENDIX F, and updated when published and accepted.

The SIEC will administer the interoperability channels under National Coordination Committee's (NCC) guidelines. At least one (1) member of the RPC will participate in the SIEC and they will represent Region 3. If at any time the SIEC is unable to function in the role of administering the interoperability channels in the 700 MHz band, then this committee will assume this role and notify the FCC in writing of the change in administrative duties.

7.0 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 an eight-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-B (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.

8.0 ALLOCATION OF NARROWBAND "GENERAL USE" SPECTRUM AND WIDEBAND DATA CHANNELS

8.1 General Provisions

This portion of the plan provides a basis for proper spectrum utilization. Its purpose is to evaluate the implementation of 700 MHz radio communication systems within the region. Region 3 places greater emphasis on agencies that provide services that result in preserving personal life and property protection and such agencies will receive the highest priority.

For clarification purposes, a System is a standalone radio system that can be tied into a regional radio network. Region 3 will only evaluate Systems, and not evaluate an entire network of Systems. This will allow for an Entity to license and establish multiple Systems. Region 3 will recognize applications for Systems that will be developed at the same physical locations and providing services in the same areas, with greater than 67% overlapping coverage (based on a 40 dBu contour or area of operation for the mobile component) as a part of other Systems applied for or currently licensed by the same Entity as a single System. Applications for Systems that are developed at different locations and providing service to other areas and having less than 67% overlapping coverage (based on a 40 dBu contour or area of operation for the mobile component) are to be recognized as different Systems, even though they may be tied into the same radio network and control points. The advantage for this consideration is to allow for multiple conventional systems to be used by a regional communications network that would be separated by different areas of service. It is expected that an applicant will identify these conditions when application is made, to allow for an efficient and timely evaluation of the application. Within Region 3, there are Tribal Nations along with other regional communication centers that provide communications support for various agencies in geographically separate areas. Allowing for separate System development and definition in this manner will encourage the use of 700 MHz channels without the apparent penalties of needing to load each channel to the levels needed for each individual channel these entities may apply for. An Entity may then consider each System application as such and may use the same radio units for each System to qualify for loading requirements.

Systems operating in the Region 3 must comply with the FCC rules and regulations. A system of six (6) or more 12.5 kHz channels will be required to use trunking technology, as established in CFR 47, Part 90.537(a). This does not preclude that trunked systems cannot be authorized on less than six channels, or that if a system is to be constructed on six channels or greater, then it must be primarily designed as a standalone system or integrated into an existing trunked system, which can include any systems already constructed on NPSPAC 800 MHz channels.

Systems having five (5) or less 12.5 kHz channels shall be available for use as conventional channels. Systems that do not meet the loading criteria in Section 8.6 will be required to share the frequency (or frequencies) on a non-exclusive assignment basis. The Technical subcommittee will make every reasonable effort to allow for interference protection between users if this situation exists, but will also allocate/approve use of these frequencies to users (inside and outside of Region 3) that can load channels as required, eventually changing the original licensee into a secondary user of these channels.

Channel allotments will be made on the basis of one 12.5 KHz channel for each voice channel request and one 12.5 KHz channel for each narrowband data channel request. This allows for agencies needs to be met but does not conform to the FCC intent to use technology that yields one voice path for each 6.25 kHz of spectrum. It is the responsibility of this committee to make applicants and the public safety community aware of the FCC's intent to migrate to 6.25 kHz technology.

While this plan does not limit an agency from initially implementing (if it conforms to FCC rules) a technology that yields less than one voice channel per 12.5 kHz channel or aggregating narrowband data into 25 kHz blocks, migration and an eventual mandate to 6.25 kHz voice/data technology should be anticipated by applicants.

Channels will be assigned, where possible, with a minimum of 250 kHz separation. A separation of 250 kHz provides sufficient spacing to achieve low combining losses similar to existing systems. Longer contiguous blocks or less separation between blocks could necessitate the use of higher-loss hybrid combiners, significantly raising the cost of deploying 700 MHz channels by increasing the number of RF sites required to achieve current 800 MHz RF coverage levels.

Allotments will be made in 25 kHz groups to allow for various digital technologies to be implemented. Agencies using Frequency Division Multiplexing (FDMA) will be expected to maintain 12.5 kHz equivalency when developing systems and will be required to utilize BOTH 12.5 kHz

portions of the 25 kHz block. In most cases, this will require the geographical separation of each 12.5 kHz adjacent channel.

In order to promote spectrum efficiency, Region 3 will ensure that systems allocated 25 kHz channel blocks will utilize all of the channels and not "orphan" any portions of a system designated channel.

Region 3 encourages small agencies to join multi-agency systems as they promote spectrum efficiency and small and large agency capacity needs can be met.

8.2 Low Power Secondary Operations

To facilitate portable operation by any license, 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 Technical 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 licenses. Authorizations may be granted for use of any suitable channel, without prior allotment or allocations 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.

8.3 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) with an antenna height limit of 6.1 meter (20 feet) above the ground. However, users are encouraged to operate in simplex mode whenever possible. This plan does not limit use to only analog operations; these channels are intended for use in a wide variety of applications that may require digital modulation types.

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 because 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 narrowband channels for which the RPC has responsibility.

• Channel #’s 1-4 and 949-952 are set aside as *generic* channels for use by public safety agencies operating within Region 3, and the complementary channel #’s 961-964 and 1909-1912 are set aside as

generic channels also for use by public safety agencies including GPS differential correction telemetry for channels 961- 964 and 1909-1912 likewise operating within Region 3.

• Channel #'s 5-8 are designated as *Fire Protection / EMS* channels for licensing and exclusive use by the Fire Protection / Emergency Medical Services discipline, and the complementary channel #'s 965-968 are set aside as *Law Enforcement* channels also for licensing and exclusive use by the Law Enforcement discipline.

• Channel #'s 955-956 are set aside as *Fire Protection / EMS* channels for licensing and exclusive use by the Fire Protection / Emergency Medical Services discipline, and the complementary channel #'s 1915-1916 are set aside as *Law Enforcement* channels also for licensing and exclusive use by the Law Enforcement discipline. Channel #'s 957-958 are set aside as *Fire Protection / EMS / Law Enforcement* channels for licensing and use by the Fire Protection and Law Enforcement disciplines, and the complementary channel #'s 1917-1918 are set aside as *Fire Protection / EMS / Law Enforcement* Simplex operations may occur on either the base or mobile channels. Users are cautioned to coordinate on scene use among all agencies involved and should implement the NIMS (National Incident Management System). Users should license multiple channels and be prepared to operate on alternate channels at any given operational area.

8.4 SYSTEM IMPLEMENTATION

Arizona will not be affected by interference potential from existing television stations operating in the 700 MHz spectrum. A notification, in writing, has already been issued to secondary television station operators / licensees of the intended use of 700 MHz spectrum in Arizona (APPENDIX E). This allows for an applicant to have an immediate review of their application package and, when approved, meet intended construction timeframes identified within the application submittal.

After allocation of channels (Section 5.5) the agency must release a System RFP and sign a contract with a vendor within one year of the channel allocation. 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.

Should system implementation not begin within two (2) years or if projected planned channel loading is not attained within four (4) years after granting of license, the channels will be returned for re-allotment to others. A one (1) year extension may be supported by the RPC, if it can be shown that circumstances are beyond the control of the applicant. The applicant will be responsible for contacting the FCC to request an extension. Applicants must be acting to the extent of their power to implement the project within their authority.

System implementation will be monitored by the RPC Technical subcommittee who will be responsible for determining the progress being made on the implementation of a system. Monitoring of systems implementation by the subcommittee will take place on one (1) year intervals. If progress is made and the system is ultimately implemented the system can be determined "complete". If progress is not made, the licensee will be advised in writing that they are in default of their plan and the Region 3 plan and the consequences of their lack of progress. The Implementation subcommittee will inform the RPC and PW frequency coordinator of the situation. The Technical subcommittee will continue to monitor the progress of any system determined in default and if progress is still not being made the subcommittee will inform the RPC and recommend informing the FCC of the lack of progress. The licensee in default can appeal this action or can allow the license to be withdrawn. If the authorized frequencies are withdrawn they will be returned to the frequency allotment pool for future use.

8.5 PRIORITY FOR RECEIVING SPECTRUM ALLOCATIONS

Priority for channel allocations will be made on a first come first served basis. Cooperative multi-agency system implementations will be given priority over non-shared single agency systems.

When applying for the new 700 MHz channels, the RPC expects applicants to relinquish any amount of any currently used spectrum and make that spectrum available for use by other agencies in Arizona upon beneficial use of an implemented 700 MHz radio system. This currently licensed spectrum may be in any public safety band.

Agencies with a primary voice communication system operating under a NPSPAC band 800 MHz license, which are requesting 700 MHz channels for system expansion, are not asked to relinquish this spectrum but will be asked to include this spectrum that is already licensed into the loading requirements for a radio system as defined in this plan. The reason for this requested inclusion is that most, if not all, radio equipment developed for the 700 MHz band is expected to be also capable of operation on any existing 800 MHz NPSPAC licensed systems already in use and will likely to be include in justification of the loading of NPSPAC channels. Without

this inclusion, it would theoretically be possible for an agency to double its frequency spectrum allocations by applying for an equivalent number of 700 MHz channels, for each 800 MHz channel that it has already licensed and justified loading criteria for, and reuse the same mobile or portable users for both bands, to both planning committees, in Arizona. Although separated in FCC rules and regulations, Region 3 will work with NPSPAC planning committees to attempt to make the most efficient use of spectrum for Public Safety in Region 3.

Agencies are encouraged to relinquish frequencies that will no longer be used as soon as possible in accordance with FCC rules and regulations.

The number of channels an applicant should retain would be an amount required to provide minimum interoperable communications to surrounding jurisdictions. In order to promote the interests of agencies that will benefit from an applicant submitting a request for 700 MHz spectrum, it is requested that the applicant submit a list of all channels and licenses held on existing public safety channels, and those channels that will be expected to be unlicensed when full beneficial use of 700 MHz channels are realized. The RPC will only distribute this information, and not decide if it is sufficient or not. It must be stressed that the Region 3 Regional Planning Committee supports and promotes multi-agency systems that allow for regional/wide area coverage within the region.

8.6 Channel Loading

The RPC recognizes the FCC's increased focus on spectral efficiency standards versus absolute loading of each 700 MHz frequency assignment. It is however, the goal of the RPC to encourage efficient utilization of each frequency channel irrespective of bandwidth and therefore encourages the following:

- Each applicant for a trunked system should design their system for a minimum of 70 mobile and portable radios for each 12.5 kHz voice channel that will be placed in service within five (5) years of the initial plan approval date.

- Single conventional channels should be designed for a minimum load of 70 radios per 12.5 kHz channel. Mobile, portable, data, and control stations will all be considered within this count.

Channel loading will eventually be required to change to 70 units per 6.25 kHz channel, when further narrowband technologies are available and when the FCC requires that 6.25 kHz is identified as a single voice channel (vs. 12.5 kHz at this time).

8.7 Wideband Data Channels

Forty-eight wideband data channel pairs are available in the General Use allocation provided by the FCC. This represents 96 total channels, 48 base transmit channels and 48 mobile transmit channels. These channels are 50 kHz each, but may be aggregated to 150 kHz. Certain throughput requirements must be met when channels are combined. It is the intent of the plan to encourage multiple agencies to join together in designing and implementing data networks or systems on these channels. Pre-allocation of frequencies may result in too few frequencies being allocated to areas of the region which require multiple frequencies, and too many frequencies being allocated to areas of the region which may never use them.

The Telecommunications Industry Association (TIA) is working on a wideband data standard TIA 902-SAM. While TIA has not completed work on the interoperability standard, Region 3 will give priority allocations to users who plan to use this or any other standard that has been approved by the FCC for use on 700 MHz channels. Knowledge of the throughput and other technical details of the interoperability standard that is proposed to be used will assist the regional planning committee in allocating or approving the wideband channels necessary to meet an applicant needs.

Based on the limited number of channels available, Region 3 will withhold any pre-allocation of the wideband data channels until the FCC has approved a standard, such as the TIA standard, for use on the 700 MHz wideband channels.

The committee will continue to monitor the progress of the issues mentioned above and would recommend submitting an amended plan to the commission at some time in the future.

9.0 APPLICANT REQUIREMENTS AND EVALUATION

The applicant evaluation criteria established in the NCC process, and as further defined in this plan, will be followed for approval. All requests will be considered on a first come, first served basis. In cases, where specific frequency allotments are required by numerous applicants at the same time, the applicant evaluation matrix point system will be utilized to determine the successful applicant. In all cases, area of coverage, technical requirements, and channel loading criteria will be applied. Exceptions may apply upon unique circumstances, after review and approval by the RPC. Deviations from FCC rules are not to be approved unless a fully justified waiver request has been presented to the RPC. The

Region 3 Technical subcommittee will evaluate and process applications within thirty (30) days after notified of receipt by CAPRAD.

The matrix has been prepared to enable consistent evaluation of plans and applications. Variations within the parameters of this plan and submitted applications and/or plans may require extensive evaluation. Therefore, it shall be responsibility of the RPC to evaluate each situation on its own merit.

Each applicant for a trunked system shall certify that a minimum of 70 field radios for each 12.5 kHz channel will be placed in service within five (5) years of the initial plan approval date. If that is not the case, then less than fully loaded channels shall be returned to the allotment pool and the licensee shall modify their license accordingly. Conventional channels shall be loaded to 70 mobile units per channel. Where an applicant does not load a channel to 70 radio/subscriber units, the channel will be available for assignment to other licensees. Mobile, portable and control stations will be considered as mobile units.

9.1 Region 3 Application Requirements

Each application must contain the following:

- FCC ULS 601 Form(s)
- Explanation of the systems future growth for all agencies involved in the system, including how the system will be loaded and what equipment type and quantity is planned to be purchased to load the system.
- Explanation of the budget commitment for the proposed system.
- Statement of compliance the applicant's agency will conform with interoperability requirements of the SIEC plan;
- Any documentation that identifies intended radio channels the agency/entity will be abandoning through the FCC licensing processes, after full beneficial system use of allocated 700 MHz channels, for informational purposes only, and the benefit of other Entities with Region 3.
- Documentation that will assist the evaluation of the application against the Point Matrix system identified in Section 9.2

Applications will be submitted to the RPC for evaluation. Upon approval by the RPC the application will be forwarded to the Applicant's designated coordinator for technical review and any appropriate information will be uploaded to

CAPRAD. Upon approval by the coordinator the Applicant may submit to the FCC for licensure. Any conflicts encountered during the licensing process, after Regional approval, the application will be returned to the RPC for resolution with the applicant.

9.2 Evaluation Matrix Point System

Region 3 will use a point system to determine approval priority of competing applications within the region. The maximum total points that can be achieved are 800. The applications receiving the highest point total will receive approval for the channels. Seven categories will be evaluated.

Where applicable, such as in multiple discipline shared systems, the points for all agencies utilizing the system are included in the total.

1. Service and Use (Maximum score 300 points)

Service	Points
Local	10
County	10
State	10
Federal	10

Use	Points
Criminal Justice/Law Enforcement/Crisis Mgmt	50
Fire/EMS	50
Special Emergency	40
Emergency Management	40
Forestry Conservation	30
Highway Maintenance	30
General Government	20

Maximum Total 300

Environmental protection will fall in the “Special Emergency” category and shall be considered for tasks that directly reduce contamination to the air, water or ground by chemicals or waste materials.

2. Interoperability Communications (Maximum score 100 points)

The application is scored on the degree of interoperability that is demonstrated, with a range of points from 0 to 100. This category will not rate the application on the inclusion of interoperability channels, but on its proposed actual ability to communicate with different levels of government and services during a time of emergency.

Each applicant is encouraged to have direct mobile-to-mobile communications among these radio type functions; local, state and federal in the criminal justice, fire/EMS, special emergency, emergency management, forestry, highway maintenance and general government. All applicants will start with 100 points and points will be deducted based upon their lack of intersystem communications. No points will be deducted if a plan or system has not yet been developed within their areas of service.

- Ten (10) points will be deducted for each radio service type function in which the applicant lacks intersystem communication, if direct mobile-to-mobile does not exist.

- Five (5) points for each radio service that the applicant lacks direct mobile-to-mobile communications.

3. Loading (Maximum score 150 points)

Those applicants who have demonstrated that they are part of or developing cooperative, multi-agency, systems will be scored on a range from 0 to 150 points depending upon the extent of the cooperative system.

Mutli-agency trunked, fully loaded, system	101 – 150 points
Trunked system, fully loaded, single agency	76 – 100 points
Mobile data channel fully loaded/channel	76 – 100 points
Conventional system fully loaded/channel	0 – 75 points

Expansion of existing systems will be evaluated as to the aforementioned category they are in. Any system less than fully loaded will have its score multiplied by the proportion:

Fully loaded/channel is a 12.5 kHz channel with 70 radio units. Control channels shall be considered as data channels. Plans submitted to the

RPC shall stipulate the number of voice communication channels and the number of data channel(s). These points will only be assigned to fully loaded systems that are planned and identified with the application package submittal.

4. Spectrum Efficiency (Maximum score 50 points)

The applicant will be scored on the degree of spectrum efficient technology that the system demonstrates. A trunked system will be considered a spectrum efficient technology as well as any technological systems feature that is designed to enhance the efficiency of the system and improve the efficient use of spectrum.

Spectrum efficiency points

Trunked or equally high efficient technology	50 points
Conventional system using data	50 points
Technologies that increases system throughput	50 points

5. System Implementation Factors (Maximum score 100 points)

This category scores the applicant on two factors, budgetary commitment and plan completeness. The degree of budgetary commitment is scored on a range from 0 to 50 points based on the RPC's evaluation of commitment demonstrated through documentation by the applicant and it's funding source entity. A high degree of funding commitment will receive a higher score. Applicants will also be scored on the degree of plan completeness on a range from 0 to 50 points. Applicants must submit a timetable for the implementation of the system. Applicants should be aware of the requirements outlined in "Slow Growth Plan" portion of this plan and the FCC rules.

Multi phase project with funds committed to all phases	50 points
Multi phase project plan completed for all phases	50 points

Applicants with less than complete funding commitment and/or incomplete plans will have their point score reduced accordingly. Resolutions, legislation, or other such documentation from governing entities shall be submitted with applications to support financial commitment.

6. System Density (Maximum score 100 points)

Each applicant's System will be scored on the level of geographic efficiency for requisite communications coverage, for the applicant's jurisdictional area served or regional area served under agreement with

other Agencies and/or defined communication requirements. Scoring will be based upon the defined radio coverage area of the application, and the Entity's jurisdictional area or required communication support areas. Region 3 recognizes that each Entity may not be required (by System or network users) to provide radio System communication support for all jurisdictional boundaries or areas that are supported by that Entity. This evaluation is to only weigh the efficiency of the System being applied for, against the required areas for communication support based on System user requirements or other Entity Systems licensed or applied for. Scores are based on the ratio multiplied by 100 with the maximum not to exceed 100 points.

Percentage of System operational area for applicant's jurisdictional area

of responsibility for communications support x 100 = _____

9.3 Application Processing

All applications will be processed in the most expeditious manner possible by the RPC. After Region 3 approval, the applications will be sent to the coordinator requested by the applicant. All documentation required by the designated coordinator selected in this process will be available through the CAPRAD system. Subsequent to coordination approval the FCC will grant the license(s) to the applicant.

10.0 APPEALS PROCESS

Throughout the application review and frequency allotment process applications are given opportunities to appeal decisions that have caused the rejection of their application. The appeal process has two levels: the RPC and FCC. In the event that an appeal reaches the second level, the FCC, the FCC decision will be final and binding on all parties. The appeal process will take effect upon plan approval by the FCC. Prior to that approval issues will be resolved by the RPC during the planning process.

10.1 Introduction

In order to ensure that the appeal process is open and understandable to the public, the Region 3 Planning Committee has developed this procedure. Those involved in the appeal process can expect the Committee and its members to follow the procedures (as may be amended from time to time). Where any matter arises during the course of an appeal that is not dealt with in this document, the Committee will do whatever is necessary to enable it to adjudicate fairly, effectively and completely on the appeal. In additional, the Committee may dispense with compliance with any part or all of a particular procedure where it is appropriate in the circumstances. As the Committee gains experience, it

will refine and, if necessary, change its policies. Any changes made to the procedure will require a modification to the Region 3 Plan and will be made available to the public.

The Region 3 Committee will make every effort to process appeals in a timely fashion and issue decisions expeditiously.

10.2 Appeals Subcommittee

The Appeals subcommittee will be formed when an appeal has been properly filed and accepted by the Region 3 chair. When an appeal is scheduled for hearing by the Appeals subcommittee, the chair will be determined as follows:

- When the chair of the RPC is on the sub-committee, he/she will be the chair;
- if the chair of the RPC is not on the sub-committee but the vice-chair is, the vice-chair will be the chair; and
- if neither the chair nor the vice-chair is on the subcommittee, the RPC will designate one of the members to be the chair.

10.3 Withdrawal or Disqualification of a Appeals Subcommittee Member for Bias

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

10.4 Correspondence (Communicating) with the Appeals Subcommittee

To ensure the appeal process is kept open and fair to the participants, any correspondence to the Region 3 Appeals subcommittee must be sent to the chair and be copied to all other subcommittee members and other parties to the appeal, if applicable.

Subcommittee members will not contact a party on any matter relevant to the merits of the appeal, unless that member puts all other parties on notice and gives them an opportunity to participate. The appeal process is public in nature and all meetings regarding the appeal will be open to the public.

10.5 What can be appealed

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

10.6 Who can Appeal

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

10.7 How to Appeal

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

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

- The name and address of the appellant;
- The name of the person, if any, making the request for an appeal on behalf of the appellant;
- The address for service of the appellant;
- the grounds for appeal (a detailed explanation of the appellant's objections to the determination and describe errors in the decision);
- A description of the relief requested (what do you want the Committee to order at the end of the appeal);
- The signature of the appellant or the appellant's representative

10.8 Time limit to Appeal

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

10.9 Extension

The RPC has the discretion to extend the time to appeal either before or after the three-week deadline. A request for an extension should be made to the RPC, in writing, and include the reasons for the delay in filing the notice of appeal and any other reasons which the requester believes support the granting of an extension of time to file the appeal. A request for an extension should accompany the notice of appeal.

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

10.10 Rejection of a notice of Appeal

The Region Planning Committee may reject a notice of appeal if:

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

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

10.11 Adding parties to the Appeal

In addition to the parties mentioned above, the Appeals subcommittee has the discretion to add any other person who may be “affected” by the appeal as a party to the appeal. Anyone wanting to obtain party status

should make a written request to the Appeals subcommittee as early as possible. The written request should contain the following information:

- The name, address, telephone and fax number, if any, of the person submitting the request;
- a detailed description of how the person is “affected” by the notice of appeal; and
- the reasons why the person should be included in the appeal; and
- the signature of the person submitting the request.

10.12 Intervener Status

The Appeals subcommittee may also invite or permit an individual to participate in a hearing as an intervener. Interveners are generally individuals or groups that do not meet the criteria to become a party (i.e. “may be affected by the appeal”) but have sufficient interest in, or some relevant expertise or view in relation to the subject matter of the appeal. Individuals wanting to take part in an appeal as an intervener should send a written request to the Appeals sub-committee. The written request should contain the following information:

- The name, address, telephone and fax number, if any, of the person submitting the request;
- A detailed description of how the person has interest in the appeal; and
- Evidence that the person has relevant expertise that would assist in the adjudication of the appeal; and
- The signature of the person submitting the request.

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

10.13 Type of Appeal (Written or Oral) Hearing

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

received. The subcommittee will normally conduct an oral hearing although it may order that a hearing proceed by way of written submissions in certain cases. If written submissions are being considered, input from all of the parties.

10.14 Burden of Proof

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

10.15 Notification of Expert Evidence

The Appeals subcommittee requires any party that intends to present expert evidence at a hearing to provide the subcommittee, and all other parties to the appeal, with reasonable advance notice that an expert will be called to give an opinion. The notice should include a brief statement of the expert's qualifications and areas of expertise. If a party intends to produce, at a hearing, a written statement or report prepared by an expert, a copy of the statement or report should be provided to the sub-committee and all parties to the appeal within a reasonable time before the statement or report is given in evidence. Unless there are compelling reasons for later admission, expert reports should be distributed 30 days prior to the hearing date.

10.16 Documents

If a party will be referring to a document that was not provided to the Appeals subcommittee and all parties prior to the hearing, sufficient copies of the document must be brought to the hearing for the sub-committee and all other parties to review.

10.17 Appealing the Appeals Subcommittee's Decision

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

APPENDIX A

BY-LAWS

ARTICLE 1

NAME & PURPOSE

1. The name of this organization shall be the **ARIZONA REGIONAL PLANNING COMMITTEE (ARPC).** The purpose of this organization shall be the fostering of cooperation among all interested parties; the equitable planning, development and implementation of the regions plans with respect to the allocation and use of the 700 MHz Public Safety Band.

ARTICLE II

MEMBERS

For purposes of this Article, the term **"member,"** unless otherwise specified, refers to both voting and non-voting members.

1. **Qualification:** The ARPC shall have two classes of members, "voting members" and "non-voting members".

   Voting Members: Voting members shall consist of one representative from any entity engaged in public safety eligible to hold a license under 47 CFR 90.523. The term entity as used herein means any Town, City, County, Indian Nation, the State and its political subdivisions within the boundaries of Region 3, in accordance with CFR 47 90.523 (a) or Non-governmental Organization (NGO) in accordance with CFR 47 90.523 (b). In voting on any issue, representatives must identify themselves and the eligible entity or entities they represent.

   Eligible entities may submit requests for voting membership to the Secretary at any time. All requests for voting membership, whether made during or outside of scheduled meetings of the ARPC, must include written certification of eligibility. Each eligible entity may certify one representative; a representative may represent more than one eligible entity. New members may be added only by action of a majority of the Executive Committee, either by Vote or by Writing.

   Non-Voting Members: Non-voting members are all others interested in furthering the goals of public safety communications. Entities not eligible for voting membership may submit requests for

non-voting membership to the Secretary at any time. New non-voting members may be added only by action of a majority of the Executive Committee, either by Vote or by Writing.

2. **Tenure:** In general, each member shall hold membership from the date of acceptance until resignation or removal. New members may be added by application as needed.

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

4. **Suspension and Removal:** The representative of a member entity may be suspended or removed, with cause, by simple majority vote of a quorum of members after reasonable notice and opportunity to be heard. Failure to attend any general and/or subcommittee meetings held in a calendar year shall be a specific cause for removal. The removal of a representative does not affect the entity's right to vote, but it must appoint a new representative before its vote will be counted.

5. **Resignation:** The representative of a member entity may resign by delivering written resignation to the Chairman, Vice-chairman, Treasurer or Secretary of the ARPC or to a meeting of the members.

ARTICLE III

OPERATING RULES OF THE ARPC

3.1 **Annual Meetings:** The annual meeting of the members shall be held in conjunction with a regularly scheduled meeting of the Arizona Chapter of APCO, Inc. As a minimum, a financial statement shall be read and sub-committee reports presented. If an annual meeting is not held, a special meeting of the members may be held in its place with the same force and effect as the annual meeting. Any such special meeting shall be called and notice shall be given as provided in Section 3.2 A

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

***Teleconferencing and videoconferencing are authorized when using a technology that allows all participants to hear each other at the same time and in*

the case of videoconferencing to see each other as well. The entity requesting such a meeting shall provide the needed facilities and costs of same.

A. Call and Notice:

1. Reasonable notice of the time and place of special meetings of the members shall be given to each member. Such notice need not specify the purposes of a meeting, unless otherwise required by law or these bylaws or unless there is to be considered at the meeting (i) amendments to these bylaws, (ii) an increase or decrease in the number of members, or (iii) removal or suspension of a member who is an officer.

   Announcements of meetings, stating the time and place where the meeting is to be held, may be published in newspapers and land mobile radio periodicals. In addition, a press release may be issued, urging parties interested in public safety communications to attend. Region 3 will notify the Federal Communications Commission, Chief of the Wireless Telecommunications Bureau, when a meeting time and place has been established for the Region 3 700 MHz Regional Planning Committee.

2. Reasonable and sufficient notice. It shall be reasonable and sufficient notice to a member, if sent by mail at least five business days or by e-mail/facsimile at least three business days prior to the meeting. Notice shall be addressed to a member at his or her usual or last known business address, or, to give notice to such member in person or by telephone at least three days before the meeting. Members are required to keep the Secretary informed of current contact information including telephone, address and e-mail if available.

2. Quorum: At any meeting of the ARPC, a simple majority (including a minimum of two officers) of the voting members shall constitute a quorum. Generally, a simple majority vote of a quorum shall be sufficient to decide questions put to the voting membership, except in cases of Action by Writing.

3. Action by Vote: Each voting member shall have one vote; non-voting members have no right to vote. At meetings of the ARPC, a simple majority of the votes properly cast by a quorum of voting members shall decide any question, including election to any office.

4. Action by Writing: Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if a simple majority of all members entitled to vote on the matter consent to the action in writing and the written consents are filed

with the records of the meetings of the members. Such consents shall be treated for all purposes as a vote at a meeting.

5. **Proxies:** Voting members may vote either in person or by written proxy dated not more than one month before the named meeting. Proxies shall be filed with the secretary or other person responsible for recording the proceedings of the meeting.

6. **Voting on One's Own Application**: At no time can a voting member vote on his/her application.

3.8 **Executive Committee:** The executive committee shall consist of the current Chairperson, Vice-Chairperson, Treasurer and Secretary. Subcommittee Chairpersons may be asked to attend such meetings as needed.

3.8 **Subcommittees:** Initially there shall be three (3) standing subcommittees of the ARPC these include,

1. **Funding**
2. **By-Laws**
3. **Strategy**

Subcommittees shall be added as needed to fulfill the requirements of the ARPC as determined by the Executive Committee.

3.9 **Executive and Subcommittee Voting:** The Executive Committee and Subcommittees are authorized to utilize e-mail for purposes of voting on issues related to these committees. The Chairperson of the Executive Committee and each Subcommittee is responsible for forwarding all such voting results to the Secretary within three (3) business days of such vote. All results of such voting shall be recorded and made available to all members by the Secretary within ten (10) working days of such vote.

ARTICLE IV

OFFICERS AND AGENTS

1. **Number and Qualification:** The officers of the Arizona Regional Planning Committee shall consist of a Chairman, Vice-chairman, Treasurer, Secretary and such other officers, if any, as the voting members may determine. All officers must be voting members of the ARPC.

2. **Election:** The officers shall be elected by the voting members at their first meeting and, thereafter, at the annual meeting of the members.

3. **Tenure:** The officers shall each hold office for a period of two years, or until he/she resigns, is removed or becomes disqualified.

4. **Chairman and Vice Chairman:** The Chairman shall be the chief executive officer of the Regional Committee and, subject to the control of the voting members, shall have general charge and supervision of the affairs of the Regional Committee. The Chairman shall preside at all meetings of the Regional Committee.

   The Vice-chairman, if any, shall have such duties and powers as the voting members shall determine. The Vice-chairman shall have and may exercise all the powers and duties of the chairman during the absence of the Chairman or in the event of his or her inability to act.

5. **Treasurer:** The Treasurer shall be the chief financial officer and the chief accounting officer of the Regional Committee. The Treasurer shall be in charge of its financial affairs, funds, and valuable papers and shall keep full and accurate records thereof.

6. **Secretary:** The Secretary shall record and maintain records of all proceedings of the members in a file or series of files. Such file or files shall be kept within the Region and shall be open at all reasonable times to the inspection of any member. Such file or files shall also contain records of all meetings and the original, or attested copies, of by-laws and names of all members and the address (including e-mail address, if available) of each. If the Secretary is absent from any meeting of members, a temporary Secretary chosen at the meeting shall exercise the duties of the Secretary at the meeting.

7. **Suspension or Removal:** An officer may be suspended with cause by vote of a majority of the voting members.

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

9. **Vacancies:** If the office of any officer becomes vacant, the voting members may elect a successor. Each such successor shall hold office for the remainder of term or until his or her successor is elected and qualified.

ARTICLE V

AMENDMENTS

The Region 3 Plan may be altered, amended or repealed in whole or in part by vote. The voting members may, by a simple majority vote of a quorum, alter, amend, or repeal any bylaws adopted by the Arizona Regional Planning Committee members or otherwise adopt, alter, amend or repeal any provision which, by FCC regulation or these bylaws, requires action by the voting members.

Any Amendment to this Plan that affects adjacent Regions must be coordinated with the affected Regions before formal notification of Plan modification is made to the FCC. Any Plan modification that affects areas within 75 miles of an adjacent Region is considered to affect the adjacent Region and require concurrence.

Any Plan amendments that require FCC notification shall be suspended until formal notification of Plan modification acceptance by the FCC.

Plan amendments that affect areas more than 75 miles from an adjacent Region are not considered as requiring adjacent Region concurrence.

ARTICLE VI

DISSOLUTION

This Arizona Regional Planning Committee may be dissolved by the consent of two-thirds of the voting members at a special meeting called for such purpose, at which time the FCC shall be notified.

ARTICLE VII

RULES OF PROCEDURES

The Conduct of Regional Meetings including, without limitation, debate and voting, shall be governed by Robert's Rules of Order, newly revised tenth edition, Sarah Corbin Robert, Henry M. Robert III, and William J. Evans.

APPENDIX B

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First Meeting of the Region 3, 700 MHz Regional Planning Committee

April 11th, 2001

Mesa, AZ

Minutes drafted by Jim Brad (Gilbert PD).

Don Pfohl called the meeting to order at 1011 hrs.

Don explained that the meeting was to convene the Arizona, Region 3 700 MHz Regional Planning Committee (RPC), and he provided the rough outline/agenda for the meeting as follows:

Introductions

Authority

Notifications

Background Discussion

Discussion of Committee Formation

Election of Chairman

Election of Board of Officers

Set Strategy

Next Meeting

Adjourn

The group without modification accepted the agenda.

There was a self-introduction of all attendees, and a sign-in sheet was circulated. Don provided background on the purpose of this meeting and the process that has been initiated by the FCC.

Considerable time was spent in the background discussion on 700 MHz public-safety use evolution. A copy of the Power Point presentation is attached.

Election

At 1245, Don Pfohl called for the election of the RPC. Chairperson.

Joe Noce (Mesa) nominated Curt Knight (DPS).

The nomination was seconded. No other nominations or volunteers were received. Mr. Pfohl called election of a Chairperson to voice vote. The vote was unanimous in favor of Mr. Knight.

Curt Knight was declared the Chairman of the Region 3 700 MHz Regional Planning Committee.

Paul Wilson (Mesa) then placed the name of Mark Openshaw into nomination for Vice Chairperson. Mr. Openshaw is a Battalion Chief with the Gila River Indian Community Fire Department. This was seconded and no other nomination or volunteers were received. The group elected Mr. Openshaw by acclimation.

Nominations or volunteers were sought for the position of Secretary. None were announced.

Don Pfohl then volunteered for, and the membership confirmed his appointment to, the Secretary's position on a temporary basis.

The position of Treasurer was held in abeyance until discussions could be held with the Arizona APCO Chapter on their ability to provide assistance in this area.

Three working groups were formed with members volunteering as follows:

Committee and Membership

Funding

Joe Noce and Carol Campbell

By-laws

Gail Denney, Don Pfohl, Jim Perry, Phil Lense, Rick Tannehill

Strategy

Rick Tannehill, Bob Frey, Scott Tillman, Everett Wittig, Paul Wilson, Mark Griffin, Chuck Brotherton, Nate White, Phil Lense, Harold Pierson, Joe Noce, Carol Campbell, and Joe Jakoby

Next Meeting

The next meeting was discussed. Chairman Knight asked that the next meeting follow the upcoming meeting of the NCC (set for May in St. Louis, MO). Chairman Knight will schedule this meeting with Tucson representatives.

Communication on a group level was suggested to occur through a list server. Scott Tillman agreed to look into this process.

The Meeting adjourned at about 1325.

Attachments:
1. Power Point Presentation
2. Sign Up Sheets
3. Typed attendance list

Meeting Notes
Region 3 700 MHz Meeting No. 2

Mesa Communications
May 18, 2001

Meeting opened by Chairman Curt Knight at 1:04 p.m. The secretary for this meeting will be Don Pfohl. An announcement was made for everyone to be sure to sign in on the available sign-in sheets.

It was noted that the previous meeting's notes had been distributed. The secretary had only received one amendment from Ed Ryan. That amendment was made to the notes. It was moved, seconded and adopted to accept the notes as amended.

Joe Noce reported on the funding subcommittee. The Arizona APCO chapter has agreed to be the fund manager in conformance with NIJ requirements for a grant. Joe had forwarded the grant application to Curt to make an application for $2500 to get the committee started.

Mike Brown discussed materials he had brought back from the latest NCC meeting. The next NCC meeting is scheduled for September 13-14 in Washington, D.C.

Curt gave a Chairman's report.

He had given a brief presentation concerning the 700 Regional Planning Committee (RPC) at the May 3 ACOP meeting.

He requested that RPC participants take notices out to any other groups they belong to to get the broadest representation from throughout Arizona.

He reported that the State has applied to the FCC for the 2.4 MHz of 700 MHz spectrum for state use. Governor Hull had designated DPS Director Garrett as her representative for this application.

Joe Noce was nominated and accepted the position of RPC Treasurer.

John Gardner was nominated and accepted as RPC Secretary.

Old business:

Funding Subcommittee – Paul Wilson said that grant funds might be available from fire and/or law enforcement sources for additional funds. Don Pfohl stated that one such use might be for an independent consultant to do the initial channel allotment for all of Arizona. Paul and Don both volunteered to join the Funding Committee. Selection of a chair will be deferred until next meeting.

Bylaws Subcommittee – Curt's looking for a chair from those who signed up. No takers stepped forward. Curt will ask John Gardner if Phil Lense could do this. The question will be deferred until next meeting.

Strategy Subcommittee – Paul Wilson agreed to chair the group on a temporary basis, but he wanted someone else from elsewhere in Arizona to do this. This will be deferred until next meeting without designating a chair at this time.

Curt Knight reported that Scott Tillman had set up the list server, and he could set up small list servers for the subcommittees.

Don Pfohl said he had a list of current chairs from other 700 MHz RPCs and would forward this to Curt.

New Business:

Curt – The State has not decided whether they will accept the administrative responsibility for the Interoperability channels at 700 MHz. This should be debated in Strategy and deferred for now.

Next meeting – July 19 in Flagstaff.

Adjourn – 2:02 p.m.

Submitted by: Don Pfohl, May 21, 2001

Meeting Minutes
Region 3 700 MHz Meeting No. 3
Flagstaff Police/Coconino County Sheriff Facility
Flagstaff Arizona
July 19, 2001

Meeting was called to order at 1:00 PM by Curt Knight (RPC Chairman)

Attendees reviewed the minutes from the 2nd RPC meeting. A motion was made and seconded to approve the minutes as written.

Each attendee introduced themselves and their agency affiliation. List of attendees is attached

Old Business:

In response to comments from the last meeting for clarification on the purpose of the Regional Planning Committee the Chairman presented a brief overview. This included a Power Point presentation put together by Don Pfohl (Mesa Communications). The presentation addressed the purpose and scope of the committee and hopefully answered everyone's questions. A copy of this presentation can be obtained by contacting Curt Knight at (602-223-2257) or as posted on the AZ700RPC list-server (http://groups.yahoo.com/group/AZ700RPC).

Funding: A request has been mailed to NIJ for the $2,500.00 grant funds to support the activities of 700 MHz regional planning. The Arizona APCO chapter will be the host organization and fund manager.

Individual RPC officers were identified:

Chairman - Curt Knight, Arizona Department of Public Safety

Vice Chairman - Mark Openshaw, Gila River Indian Community Fire

Secretary - John Gardner, City of Phoenix Communications

Treasurer - Joe Noce, City of Mesa Communications

Information concerning the RPC (meeting minutes, FCC Rules, notice of upcoming meetings, etc.) can be obtain from the following list servers:

groups.yahoo.com/group/az700rpc/files

groups.yahoo.com/group/az700strat/files

groups.yahoo.com/group/800interference/files

groups.yahoo.com/group/azgug/files

The Chair and Scott Tillman briefly discussed region 3 RPC Plan timeline. This brought on more discussion concerning spectrum use and its availability for Public Safety. Attendees were encouraged to widely publicize this Committee and solicit participation by all of their colleagues including the operational community not just Technical Staff.

New Business:

Standing Committees: Membership and Chair nominees were solicited and accepted for the following subcommittees:

FUNDING SUBCOMMITTEE:

Chairperson - Joe Noce (City of Mesa Communications)

Members:

Paul Wilson (City of Mesa Fire)

Don Pfohl (City of Mesa Communications)

Carol Campbell (City of Phoenix PD)

BYLAWS SUBCOMMITTEE:

Chairperson - Phil Lense (City of Phoenix Communications)

Members:

Ed Ryan (Grand Canyon Red Cross)

Gail Denny (City of Scottsdale PD)

Don Pfohl (City of Mesa Communications)

Jim Perry (City of Tucson)

Rick Tannehil (AZ State DPS)

Dan Shearer (Highland FD)

Ken Thomas (Yuma County)

STRATEGY SUBCOMMITTEE: (We are looking for someone to volunteer as the committee chair)

Chairperson (Temporary) - Paul Wilson (Mesa FD)

Members:

Rick Tannehil (AZ State DPS)

Bob Frey (Mesa Communications)

Scott Tillman (AZ State DPS)

Everett Wittig (Cochise County)

Mark Griffin (City of Chandler)

Chuck Brotherton (Maricopa County)

Nate White (Phoenix Fire)

Phil Lense (City of Phoenix Communications)

Harold Pierson (SW Ambulance/Rural Metro)

Joe Noce - (Mesa PD)

Carol Campbell (Phoenix PD)

Joe Jakoby (City of Tucson)

Bob Ciotti (Phoenix Transit)

Kevin Rogers (NAU PD)

Garry Willie (Navajo EMS)

Richard Benson (Yuma County)

Curt Knight solicited the Chairs of the Subcommittees to convene at least one subcommittee meeting prior to the next RPC meeting and report back on their activities.

The Chair notified attendees of recent communications from the Public Safety Wireless Network program (PSWN) requesting that each RPC solicit more involvement from Native American Tribes. In response the Chair sent 24 letters to various Native American organizations inviting them to the next meeting to be held in Tucson. Curt also presented a 5 minute briefing about the Region 3 RPC at the AZ Law Enforcement "POW WOW" and received numerous phone calls expressing interest in the Committee.

Vendor Update: Andrew Lacy from Motorola confirmed their intention to build 700 MHz Subscriber equipment which would most likely be dual band 700-800 MHz capable.

There will be a PSWN (Public Safety Wireless Network) program meeting on Oct 23-26, 2001 in Las Vegas. The Chair encourages all who are involved with Public Safety Communications to attend this valuable event. Valuable information concerning Public Safety Communications Interoperability and what is on the horizon is provided at PSWN.

Next Meeting: September 28, 2001 (1:00 PM - 4:00 PM) at Tucson PD, 270 So. Stone.

The 3rd Region 3 RPC meeting was adjourned at 2:30 PM.

MEETING MINUTES

Region 3 700 MHz Meeting No. 4
Hosted by the Tucson Police Department

Tucson, Arizona
September 28, 2001

Meeting was called to order at 1:00 p.m. by Captain Richard Harper of the Tucson PD (Host). After brief introduction, the meeting was turned over to Curt Knight (RPC Chairman).

Each attendee introduced themselves and their agency affiliation. List of attendees is attached.

Attendees reviewed the minutes from the 3rd RPC meeting. A motion was made and seconded to approve the minutes as written.

SUBCOMMITTEE REPORTS:

FUNDING: Joe Noce reported that a check for $2,500.00 was received from NIJ to support the activities of 700 MHz Regional Planning Committee. The Arizona APCO Chapter will be the fund manager.

Don Pfohl (City of Mesa) will submit a report for reimbursement (estimated at $360) for hosting the first meeting of the Region 3 700MHz Planning Committee held on April 11th, 2001.

The committee has applied for supplemental funding to continue the Coordinating Committee for next fiscal year. The amount of the available grant is unknown, but will probably be less than the startup grant. Will know if the funding was approved very soon. The committee also talked to Phoenix PD (Carol Campbell) and Mesa PD to have their respective grant people look for any possible additional funding. BYLAWS: Phil Lense reported that a new Yahoo list server has been added for the Bylaws subcommittee. A file has been uploaded to the list server that was generated by NYSTEC entitled "700-MHz National Pre-allotment".

STRATEGY: Curt Knight opened the floor for nominations for a chairman of this subcommittee.

A question was raised: What is the purpose of the Strategy Subcommittee?

Answer provided by Don Pfohl: This subcommittee takes a high-level look how 700MHz is administered statewide: How does Arizona want to use 700Mhz? Who will use it—e.g., some states allow utilities. Do we? Curt Knight supplemented Don's answer: Long-term support of the bylaws where the bylaws deals with the nuts and bolts of the organization itself. Provide guidance to the Bylaws Subcommittee. For example, make sure that the bylaws allow all entities to have access to the 700MHz band.

No nominations were received from the floor.

Paul Wilson (acting chair) indicated that the subcommittee has not met yet. He handed out a strategy report which suggested the following needs: bylaws

mutual aide and sharing agreements frequency coordination group interoperability executive committee Paul also handed out copies of the appendices to the NCC (National Coordination Committee) documents: Agencies to consider for interoperability; suggested channel coordination flow chart.

Once again a call for volunteers for a permanent chair for this subcommittee was made. No takers.
Current subcommittee membership stands at:

FUNDING SUBCOMMITTEE:
Chairperson - Joe Noce (City of Mesa Communications)
Members:
Paul Wilson (City of Mesa Fire)
Don Pfohl (City of Mesa Communications)
Carol Campbell (City of Phoenix PD)
BYLAWS SUBCOMMITTEE:
Chairperson - Phil Lense (City of Phoenix Communications)
Members:
Ed Ryan (Grand Canyon Red Cross)
Gail Denny (City of Scottsdale PD)
Don Pfohl (City of Mesa Communications)
Jim Perry (City of Tucson)
Rick Tannehil (AZ State DPS)
Dan Shearer (Highland FD)
Ken Thomas (Yuma County)
STRATEGY SUBCOMMITTEE: (We are looking for someone to volunteer as the committee chair)
Chairperson (Temporary) - Paul Wilson (Mesa FD)
Members:
Rick Tannehil (AZ State DPS)
Bob Frey (Mesa Communications)
Scott Tillman (AZ State DPS)
Everett Wittig (Cochise County)
Mark Griffin (City of Chandler)
Chuck Brotherton (Maricopa County)
Nate White (Phoenix Fire)
Phil Lense (City of Phoenix Communications)
Harold Pierson (SW Ambulance/Rural Metro)
Joe Noce - (Mesa PD)
Carol Campbell (Phoenix PD)
Joe Jakoby (City of Tucson)
Bob Ciotti (Phoenix Transit)
Kevin Rogers (NAU PD)
Garry Willie (Navajo EMS)
Richard Benson (Yuma County)
NEW BUSINESS:

Phil Lense, Scott Tillman and Don Pfohl initiated a round table discussion about the NYSTEC (New York State Technology Enterprise Corporation) Technical Proposal document entitled "700-MHz National Pre-allotment." The proposal was submitted to NPSTC (National Public Safety Telecommunications Council) on August 7, 2001.

NYSTEC is a long-standing non-profit organization with expertise with subject at hand.

NYSTEC proposes to allocate 700MHz channels based primarily on county boundaries.

Their formula is based on two parameters: population and population density. The concept was developed from PSWAC user density models. Even if a county's population/population density doesn't warrant any channels, the proposal provides a minimum channel allocation of 3 voice channels and 1 data channel. This is different than the way it is done in the NPSPAC band today. Certain large cities such as Phoenix or Tucson would be considered as if they were counties in order to make sure that adequate channels are available for these entities. This is similar to what is currently done in the NPSPAC band today.

The document is a proposal to solicit comments. It is intended to be changed to accommodate local situations.

The proposal suggests using the Okamura propagation model for interference and service area determination (NPSPAC rules use Carey, which was not adequate for mountainous states like Arizona).

Proposal suggests the use of a national database for coordinators to use. This database would be populated with the pre-allocated channels described by this document.

NPSTC newsletter (Issue no. 1) announced by Curt Knight and made available to attendees.

Border Issues: Don Pfohl indicated that 700MHz band requires no treaties or agreements and that the FCC will allow licensing on a non-interference basis.

Scott Tillman announces his single-page document "What is 700MHZ?" It is a non-technical explanation on what the 700MHz band is and why it is important. This document is for administrators who are non-technical. To be posted later.

Curt asks questions that were raised at the last meeting: Do we have specific due date for a plan from this Committee? Scott Tillman and Don Pfohl: No, but the NCC is chartered until April of 2003. The State of Arizona must decide whether or not they are going to administer the interoperability channels by December 2001. The FCC says that TV must vacate the band by 2006. The spectrum is already available in Arizona, however. Once the plan is done, we can license.

Announcement: There will be a PSWN (Public Safety Wireless Network) program meeting on Oct 23-26, 2001 in Las Vegas.

Question from audience: When could we begin to license after the plan is done? Answer from Rick Tannehill: the plan would be at the FCC for six months. Don Pfohl pointed out that Congress had mandated that the FCC begin licensing by the end of 2000. This was not met.

Comments from Vendors:
MACOM (Dave Bremson): Open Sky is pretty much ready for 700Mhz EDACS next, maybe mid next year.
Motorola (Floyd Cagel): Expects to have product when licensing begins.

Joe Noche comments that givebacks might be available for agencies that can't afford 700MHz.

Next Meeting: CASA GRANDE, date to be announced.
The 4th Region 3 RPC meeting was adjourned at 2:30 p.m.
Respectfully submitted by Phil Lense.

MEETING MINUTES
Region 3 700 MHz Meeting No. 5
Hosted by the Casa Grande Fire Department
Casa Grande, Arizona

January 9, 2002

Meeting was called to order at 1:00 p.m. by Curt Knight (RPC Chairman).

Each attendee introduced themselves and their agency affiliation. List of attendees is attached.

Attendees reviewed the minutes from the 4th RPC meeting. Mr. Joe Noce, Mesa Communications, requested amendments to the minutes of the 4th RPC meeting. A motion was made and seconded to approve the minutes as amended. Motion was adopted unanimously.

SUBCOMMITTEE REPORTS:

FUNDING: Joe Noce reported that the committee fund balance is $2,500.00. The committee continues to wait for additional information regarding additional funding that may be available in the next fiscal year budget from NIJ.

Curt Knight indicated that he had received a formal request from the City of Mesa to reimburse them for expenses incured by hosting RPC organizational meeting. Total reimbursement to Mesa is $518.03. A motion was made and seconded to approve this reimbursement. The membership unanimously approved the motion.

BYLAWS: Phil Lense reported that no new activity has taken place by this committee

STRATEGY: Curt Knight opened the floor for nominations for a chairman of this subcommittee.

No nominations were received from the floor.

OPEN DISCUSSIONS/PRESENTATIONS:

NEXTEL: Scott Tillman presented Nextel's proposal for 700 and 800 MHz band interference resolution. Nextel's plan, including detailed band plans, have been posted on the Yahoo list server for every ones use. Considerable discussion followed.

H.E.R.O.: Curt Knight the RPC Chairperson gave a brief overview of Homeland Emergency Response Operations Network Act (HR 3397) recently introduced in the House of Representatives as a result of Terrorist Acts of September 11th, and how it may affect our 700 MHz planning efforts. Further information will be provided, as it becomes available.

OLD BUSINESS:

Strategy Committee: The Chairman expressed his concerns regarding the lack of movement and volunteer to chair the Strategy Committee. Once again a call for volunteers for a permanent chair for this subcommittee was made.

Executive Overview: Scott Tillman (DPS) provided the attendees an executive overview of the new 700 Mhz Public Safety Band. A copy of this overview (What - When - Who -

Why) was provided to each attendee and is also available on the 700MHz RPC Yahoo List Server.

RPC Activity: The Chair asked Don Pfohl (Mesa Comm) for some input on where Region 3 RPC activities stands in relation to RPC activity taking place around the country. Don stated that he thinks that we are close to the top and are way ahead of most states in the planning process.

The Chair briefed attendees concerning a letter sent to the FCC by the Department of Public Safety which informed them that the State has formed a Public Safety Communications Committee (PSCC) which would assume the role of the State Interoperability Executive Committee (SIEC) recommended by the FCC. This committee will administer the State Interoperability Channels allocated in the 700 MHz band and is made up of representatives on a statewide basis. A copy of this letter is available on the 700 MHz RPC Groups list service at Yahoo.com. *(http://groups.yahoo.com/group/AZ700RPC/)*

700 MHz State Managed Spectrum: DPS applied for the 2.4 MHz of spectrum allocated to the State by the FCC in May of 2001.

700 MHz State Interoperability Spectrum: DPS applied for the 2.6 MHz of spectrum reserved for StateWide Interoperability on the behalf of the PSCC in December of 2001.

NEW BUSINESS:

DPS has made contact with the league of Cities and Towns and will be taking the 700 MHz issues and Public Safety Communications issues to this body and solicit their help and influence on a local as well as national level.

VENDOR:

Motorola announced the successful testing of other P25 Subscriber Manufacturers operating on Motorola's P25 compliant infrastructure. The press release is available on Motorola's Web Site.

OTHER RELATED ACTIVITY:

Public Safety Wireless Network Symposium (PSWN) will be held in Charleston, South Carolina on January 29 - 31, 2002

The APCO Western Regional Conference will be held at Phoenix Civic Plaza from March 20 - 22, 2002. A presentation by Tom Tolman of NPSTC will be included during this Conference.

PSCC is working on presenting a one-day PSWN symposium targeted to elected and appointed Public Officials in Mid April 2002.

The PSCC and DPS are looking at the feasibility of a fall 2002, PSWN symposium for Arizona and Western regional participation.

Next Meeting will be held in Phoenix, in conjunction with the APCO Western Regional (March 20-22), exact date to be announced.

The 5th Region 3 RPC meeting was adjourned at 2:30 p.m.

MEETING MINUTES

Region 3, 700 MHz Planning Committee Meeting No. 6

Phoenix, Arizona

March 21, 2002

Meeting was called to order at 10:00 a.m. by Curt Knight (RPC Chairman).

Each attendee introduced themselves and their agency affiliation. List of attendees is attached.

Attendees reviewed the minutes from the 5th RPC meeting. A motion was made and seconded to approve the minutes as written. Motion was adopted unanimously.

SUBCOMMITTEE REPORTS:

FUNDING: Joe Noce reported that the City of Mesa reimbursement check would be cut and mailed shortly. The committee also received information from NIJ that additional funding will not be available during this fiscal year.

BYLAWS: Phil Lense the committee chair stepped down and Phil Caruso (City of Phoenix) was nominated as the chair replacement. Carol Campbell (Phoenix PD) was nominated to Co-Chair this committee with Mr. Caruso. Both of these nominations were approved unanimously by the membership.

STRATEGY: Bill Washington (Tucson PD) and Kevin Rogers (NAU PD) volunteered to Co-Chair this committee. Both received floor nominations, which were unanimously, approved by the membership.

OPEN DISCUSSIONS/PRESENTATIONS:

National Public Safety Telecommunications Council (NPSTC): Mr. David Funk and Mr. Tom Tolman of NPSTC provided a brief overview of NPSTC and the Pre-coordination database that NPSTC is developing for use by the Regional Planning Committees. This database should be ready for use by mid summer. NPSTC newsletters were handed out. NPSTC information is also available on their web site **www.npstc.org**.

Tom Tolman addressed 700 RPC planning issues relating to states that have international boarders. He stated that the northern boarder issues are being worked with Canada and are progressing well. The opposite is true with the Mexico boarder issues. The obstacle here has always been the lack of a single agency in Mexico who coordinates and manages spectrum. The diplomatic activities relating to spectrum were difficult with the 800 NPSPAC planning and will be challenging with 700 MHz as well. Mr. Tolman suggested that the Mexico Boarder states develop a plan that addresses the 700 MHz boarder issue to present to Mexico through diplomatic channels. NPSTC is available to assist with this and will provide Curt Knight a list of regional planners who should meet to discuss this challenge.

Curt Knight briefed the membership that the FCC continues to license broadcasters in the 700 MHz band. Phoenix Parks Board recently received a request from channel 64 to

install a translator at South Mountain in conjunction with a license they recently obtained from the FCC. Considerable discussion ensued.

Home Land Security: Mr. Joe Noce (Mesa) asked NPSTC representatives for information on the 3.5 billion dollars budgeted for Home Land Security. NPSTC's response was the this is a budget figure only which has not been funded yet nor have guidelines been established for its allocation and use if its funded by Congress.

OLD BUSINESS: No old business.

NEW BUSINESS: No new business.

VENDORS: Nothing presented.

OTHER RELATED ACTIVITY:

PSCC has scheduled a one-day PSWN symposium targeted to elected and appointed Public Officials in Phoenix on April 30, 2002.

IWCE will be held in Las Vegas on April 22nd through April 26th.

An Arizona Tribal meeting, hosted by the Hopi Tribe will be held in Flagstaff on May 16th, 2002. Curt Knight and Mark Openshaw will attend and present information to the attendees on the 700 MHz Regional Planning Committee process.

Next Meeting will be held at the Grand Canyon National Park on June 6th, 2002, from 1 - 4 PM in the Albright Training Center.

The 6th Region 3 RPC meeting was adjourned at 11:30 p.m.

MEETING MINUTES

Region 3, 700 MHz Planning Committee Meeting No. 7

Sedona, Arizona

July 12, 2002

Meeting was called to order at 1:00 p.m. by Curt Knight (RPC Chairman).

Each attendee introduced themselves and their agency affiliation. List of attendees is attached.

Attendees reviewed the minutes from the 6th RPC meeting. A motion was made and seconded to approve the minutes as written. Motion was adopted unanimously.

OLD BUSINESS:

Mark Openshaw and Curt Knight addressed the Arizona Tribal meeting, hosted by the Hopi Tribe that was held in Flagstaff on May 16th, 2002. Curt and Mark attended and present information to the attendees on the 700 MHz Regional Planning Committee process. Attendees were informed that if they would like this presentation repeated to other groups that it could be arranged.

SUBCOMMITTEE REPORTS:

FUNDING: Nothing presented..

BYLAWS: Phil Caruso presented the attendees the 1st Draft of the Region 3 RPC ByLaws. Each paragraph of the Draft was discussed in detail and considerable input provided by the attendees. Phil will consolidate comments and consensus of the group into a second draft for review by RPC participants. This second draft will be posted on the Yahoo list server for comments. We hope to have a final draft of this document for final review at the next meeting *(A * .wav file (39 Mb) copy of this discussion is available by contacting the Region 3 RPC Secretary).*

STRATEGY: Nothing presented.

OPEN DISCUSSIONS:

Copies of the Region 5 plan were provided by the Chair to attendees.

The Chair informed the attendees that the 700 MHz Gard Band segment auction has been postponed indefinitely by the FCC.

The Chair made a motion to allow committee funding to be used to send Scott Tillman (AZ DPS) and Phil Caruso (Phoenix ITD) to Denver September 24, 25, 26 to attend a training session being put on by NPSTIC concerning use of the 700 MHz Pre-coordination Database. These two individuals will bring this information back and provide training to the group as necessary. The motion was seconded and unanimously approved by members in attendance.

The FCC continues to issue construction licenses to TV operators in the 700 Mhz band. The Chair contacted the FCC for comment and was informed that these licensees will be secondary when Public Safety begins operating in the Band.

The Chair requested that participants watch the list server for updates as they occur.

The Chair provided attendees copies of Az. House resolution 2014 which states that House supports the idea that the state develop a statewide interoperable radio system.

Members were encouraged to read the New York Times report on the communications failures which were experienced during the 9/11 attack on the World Trade Center.

VENDORS: Nothing presented.

Next Meeting will be held sometime after Labor Day, Cochise County, date to be determined.

The 7th meeting of the Region 3 RPC was adjourned at 3:00 p.m.

MEETING MINUTES
Region 3, 700 MHz Planning Committee Meeting No. 8
BISBEE, Arizona
October 24, 2002

1) Meeting was called to order at 1:00 p.m. by Curt Knight (RPC Chairperson).
   Each attendee introduced themselves and their agency affiliation. List of attendees is available through the committee secretary or at Yahoo list server http://groups.yahoo.com/group/AZ700RPC/files/. Fifteen agencies attended this meeting.

   a) Attendees reviewed the minutes from the 7th RPC meeting. A motion was made and seconded to approve the minutes as written. Motion was adopted unanimously.
2) **OLD BUSINESS:**
   a) BYLAWS draft presentation made by Phil Caruso and Curt Knight, see paragraph 4b below.
   b) Curt Knight reminded the members that the Committee owes Phil Caruso and Scott Tillman for travel expenses incurred by attending CAPRAD training in Denver sponsored by NPSTC. Joe Noce, Committee Treasurer, indicated he would have checks prepared to Phil and Scott once they submit expense reports.
3) **SUBCOMMITTEE REPORTS**:
   a) FUNDING: Nothing presented..
   b) BYLAWS: Phil Caruso presented the attendees the 2nd Draft of the Region 3 RPC BYLAWS. Several paragraphs of the Draft were discussed in detail and considerable input provided by the attendees. Significant discussion ensued regarding membership, participation, and voting rights. The chair requested that Chuck Brotherton (Maricopa County), Bob Bobar (Cochise County), Terry Schleizer (Sedona Fire), and Phil Caruso (City of Phoenix) collaborate on final language regarding membership and subsequent voting rights. This final version will be distributed for comments. The chair recommended that the membership be prepared to vote on adopting the BYLAWS at the next scheduled meeting. Members/Participants in Region 3 are encouraged to submit final change suggestions to Mr. Caruso prior to the next scheduled meeting. If you don't have a copy of the draft BYLAWS they are available on the Yahoo list server or through the Committee Secretary (John Gardner, City of Phoenix, 602-262-6963). *(A * .wav file (70 Mb) copy of this discussion is available by contacting the Region 3 RPC Secretary).*
   c) STRATEGY: Nothing presented.
4) **OPEN DISCUSSIONS:**
   a) CAPRAD: Scott Tillman presented attendees an overview of CAPRAD (Computer Assisted Pre-Coordination Resource & Database system). This database will be used by regional planning committees, coordinators, and the FCC to manage the 700Mhz spectrum allocated to Public Safety Agencies.
   b) FCC Audits: The Chair reminded the attendees that a response to the FCC Audit is crucial for all agencies that hold licenses.
5) **VENDORS:** Nothing presented.
6) **Next Meeting will be held sometime in late January 2003, (firm date and location to be determined).**
7) The 8th meeting of the Region 3 RPC was adjourned at 4:00 p.m.

MEETING MINUTES

Region 3, 700 MHz Planning Committee Meeting No. 9

Surprise, Arizona

March 28, 2002

*(A * .wav file (30.7 Mb) copy of this discussion at this meeting is available by contacting the Region 3 RPC Secretary, John Gardner, 602-262-6963, john.gardner@phoenix.gov).*

Meeting was called to order at 1:00 p.m. by Curt Knight (RPC Chairperson).

Each attendee introduced themselves and their agency affiliation. List of attendees is available through the committee secretary or at Yahoo list server http://groups.yahoo.com/group/AZ700RPC/files/. Fifteen agencies attended this meeting.

Attendees reviewed the minutes from the 8th RPC meeting. A motion was made and second to approve the minutes as written. Motion was adopted unanimously.

SUBCOMMITTEE REPORTS:

FUNDING: Treasurer (Joe Noce, City of Mesa) presented an update on Committee funding and expenditures. Original grant to the RPC was $2500.00. Current account balance is $645.99 after checks issued to City of Mesa for initial organizational meeting expenses for the amount of $518.03, and expense reimbursements for CAPRAD training to Phil Caruso ($662.34) and Scott Tillman ($673.64) .

BYLAWS: Phil Caruso the Committee Chair is no longer employed by the City of Phoenix or associated with this region. Curt requested nominations for a new chair. A motion to nominate Terry Schleizer, Sedona Fire District, as chair and Robert Bobar as Co-Chair of this committee was made and seconded. Motion was adopted unanimously. Terri will be taking comments for the final draft of the BYLAWS and distribute them for review in preparation for a vote to accept the final draft at the next 700RPC meeting.

STRATEGY: (Co-Chairs – Bill Washington & Kevin Rogers) Curt encouraged the Strategy committee to continue working on strategies to complete the Regional plan. The FCC has issued a rejection letter to Region 5 on their plan. The Region 5 plan and their FCC rejection letter would be a good template for us to draw from in preparing our Regional Plan.

OLD BUSINESS:

OPEN DISCUSSIONS:

Consensus plan over view and status: Curt Knight provided a brief synopsis of a presentation given during the APCO Western Regional Conference in Las Vegas. The Consensus plan is a document submitted to the FCC which recommends actions to be taken for a permanent fix to the NEXTEL/A/B Cellular Carrier interference problem being experienced in the 800 MHz band nation wide. A Power Point file of this presentation can be obtained at http://groups.yahoo.com/group/AZ700RPC/

NCC Implementation Plan Subcommittee status update: Curt Knight briefed the attendees concerning the following items; FCC Dismissal of Region 5's Plan; Inter-Regional Dispute Process; Handling Inter-Regional Concurrence when the adjacent Region has not formed; Orphan Channels; What constitutes a Plan Modification; FCC Review Process; and Low Power TV/TV Translator Issues. A copy of this presentation can be obtained at http://groups.yahoo.com/group/AZ700RPC/

FCC Narrow Band mandates: Scott Tillman provided attendees with information regarding FCC Docket No. 99-87, Second Report and Order and Second Further Notice of Proposed Rule Making. This Docket when adopted will establish mandates as to when users of spectrum in the 150-174 MHz and 421-512 MHz bands must to migrate to narrow band 12.5 KHz channels. More information concerning this Docket is available on the FCC Web site.

Other related activities ONDCP/ Technology Transfer Program – Radio Interoperability demonstration April 1,2003 at 10:30 AM ACJC Offices 1110 West Washington

AZ Public Safety Communications Committee – Next meeting June 24, 2003 at 1:00 PM Location TBD-??

AZ Public Safety Communications Committee needs assessment surveys awarded to Macro Corporation. The State will is looking for agencies that are willing to participate in the needs assessment interview process. We are looking for operations contacts as well as technical contacts. Interviews will take place Mid April 2003 through September 2003 at locations statewide. Further information will be forthcoming.

VENDORS: Nothing presented.

Next Meeting will be held at 10:00 AM on July 11, 2003 in Sedona, Az., Fire Station 3 in the city of Oak Creek.

The 8th meeting of the Region 3 RPC was adjourned at 3:00 p.m.

MEETING MINUTES
Region 3, 700 MHz Planning Committee Meeting No. 10
Sedona, Arizona
1. July 11, 2003

*(A * .wav file version of this meeting is available by contacting the Region 3 RPC Secretary, John Gardner, 602-262-6963, john.gardner@phoenix.gov).*

8) Meeting was called to order at 10:00 a.m. by Curt Knight (RPC Chairperson).
9) Each attendee introduced themself and identified their agency affiliation. List of attendees is available through the committee secretary or at Yahoo list server http://groups.yahoo.com/group/AZ700RPC/files/. Twenty Three (23) agencies attended this meeting.
   a) Attendees reviewed the minutes from the 8th RPC meeting. A motion was made and second to approve the minutes as written. Motion was adopted unanimously.
10) **SUBCOMMITTEE REPORTS**:
   a) FUNDING: Treasurer (Joe Noce, City of Mesa) presented an update on Committee funding and expenditures. Original grant to the RPC was $2500.00. Current account balance is $645.99 after checks issued to City of Mesa for initial organizational meeting expenses for the amount of $518.03, and expense reimbursements for CAPRAD training to Phil Caruso ($662.34) and Scott Tillman ($673.64). Joe indicated that he will provide NPSTC an annual treasurer report from Region 3.
   b) BYLAWS: The Bylaws committee submitted their final draft of the Region 3 Bylaws for adoption. Some discussion ensued. ***A motion was made to adopt the Bylaws as written and seconded. A vote was taken with the following results: (14 agencies in favor, 0 opposed, 9 abstentions) The Region 3 Bylaws as adopted have been posted on the Yahoo list server.***
   c) STRATEGY: (Co-Chairs – Bill Washington & Kevin Rogers) Bill Washington informed the attendees that the first draft of the Regional Plan has been written, distributed and posted on the Yahoo list server. Comments are solicited from all Public Safety agencies State wide and should be submitted prior to the next meeting scheduled for September 23rd.
   d) Representatives from the National Public Safety Telecommunications Council (NPSTC) attend this meeting. Mr. Tom Tolman, Mr. David Funk and Mr. Gene McGahey gave an extensive presentation on the following topics:
      - NPSTC - who are they and their focus, several handout were made available to the attendees.
      - 700 MHz Regional Planning responsibilities, processes, and regional planning status around the nation.
      - 4.9 GHz Band Planning and the Regional committee responsibilities.
      - 800 MHz interference and proposed plans for its resolution (Nextel Consensus Plan; Balanced Approach by others, etc.).
      - Narrow Banding mandate by the FCC for Public Safety Systems operating on 512MHz and below.
      - Spectrum Coalition for Public Safety, a group attempting to obtain 10MHz of additional spectrum in the 700MHz band for Public Safety high speed data services.

11) **OLD BUSINESS: None**
12) **NEW BUSINESS:**
   - Approval of Region 5s Plan: The committee chair received the Region 5 (Southern California) plan including the conflict resolution procedures for comment and concurrence. Considerable discussion ensued. A motion was made and seconded to accept the chairs review of the plan as submitted and to allow the Chair to sign

subject plan indicating Region 3s approval. A vote was taken and unanimously approved.

- Approval of Adjacent Regions Plans: A motion was made to have the Committee chair to appoint an Interim Technical Advisory Subcommittee (which may be the Strategy Committee, if they concur) to review adjacent regional plans. This subcommittee would recommend changes and/or concurrence to these plans which would then be presented to the full planning committee for approval. This motion was seconded, a vote was taken and unanimously approved. The Chair will appoint subsequent subcommittee, either the Strategy Committee or other RPC members as necessary.
- The Fire and Police Departments from Gila River, Mesa, and Phoenix presented a proposal to the committee recommending that the standardized use of FTAC 17 for Firefighting and EMS and LTAC 19 for Law Enforcement in Region 3 be adopted. This standardization will ensure first responders of being able to communicate under all circumstances with other first responders, whether of the same agency or with other agencies using 700 MHz. The chair indicated that according to the National Band Plan that this committee is not the proper body to address this request. The channels in question fall under the purview of the State Interoperability Executive Committee (SIEC) who oversees interoperability channels state wide. SIEC input/approval will be needed to include this in the regional plan. The proposers were instructed to prepare a proposal to the SIEC in concert with state wide planning efforts. The proposers requested that their proposal be posted on the Yahoo list server as comments to the Region 3 plan.

13) **OTHER RELATED ACTIVITIES:**

- HDTV Translators: Mr. Scott Tillman provided information regarding High Definition TV and the move of existing TV translators from the 700 band. The information he presented has been posted on the Yahoo list server for those who are interested.

- Sept 23rd - Public Safety Communications Committee Meeting

- AZ PSCC needs assessment Interviews are being scheduled with Public Safety Agencies State Wide.

- FCC Indian Round Table meeting July 17/18 in Reno.

- Annual APCO Conference in Indianapolis, August 10-14

14) **VENDORS:** Nothing presented.
15) **Next Meeting will be held at 9:30 AM on Sept. 23, 2003 in Phoenix, in conjunction with the PSCC meeting.**
16) The 10th meeting of the Region 3 RPC was adjourned at 1:00 p.m.

MEETING MINUTES

Region 3, 700 MHz Planning Committee Meeting No. 11

Phoenix, Arizona

SEPTEMBER 23, 2003

*(A * .wav file version of this meeting is available by contacting the Region 3 RPC Secretary, John Gardner, 602-262-6963, john.gardner@phoenix.gov).*

17) Meeting was called to order at 9:30 a.m. by Curt Knight (RPC Chairperson).

18) Attendees introduced themselves and identified their agency affiliation. A list of attendees is available through the committee secretary or at Yahoo list server http://groups.yahoo.com/group/AZ700RPC/files/. Twenty (20) agencies attended this meeting.

    a) Attendees reviewed the minutes from the 10th RPC meeting, minor typographical errors were identified and corrected. A motion was made and seconded to approve the minutes as edited. Motion was adopted.

19) **SUBCOMMITTEE REPORTS**:

    a) FUNDING: No report given. Committee account balance remains as reported at the last meeting. Original grant to the RPC was $2500.00. Current account balance is $645.99 after checks issued to City of Mesa for initial organizational meeting expenses for the amount of $518.03, and expense reimbursements for CAPRAD training to Phil Caruso ($662.34) and Scott Tillman ($673.64).

    b) BYLAWS: Region 3 Bylaws were adopted at the 10th committee meeting held on July 11, 2003 in Sedona. They have been posted on the Yahoo list server.

    c) STRATEGY: (Co-Chairs – Bill Washington & Kevin Rogers) First draft of the Regional Plan has been written, distributed and posted on the Yahoo list server. Comments are solicited from all Public Safety agencies State wide. Some comments have been received. Mr. Greg Wilkinson (City of Yuma) addressed his comments and concerns to the group which have also been posted on the Yahoo list server. Various issues concerning the draft plan were discussed (channel allocations, loading criteria, funding, application approval, wideband data channels, etc.). The Chair solicited additional input to the plan and requested that ideas flow freely between group members. Members are requested to send their ideas and comments to the Strategy Committee Co-Chairs or post them directly to the Yahoo list server. Further discussion ensued on how the plan developmet process should proceed. The committee agreed that the Strategy Committee should address comments received to date and review regional plans which have already been submitted for applicability within region 3. Additional committee members were solicited: Mr. Joe Jakoby (Tucson), Mr. Wilkinson (Yuma), Mr. Griffin (Chandler), and Mr. Brotherton (Maricopa County) volunteered their time to assist the Strategy Committee in finalizing the Region 3 plan. The Chair reminded members that until we have a FCC approved plan for region 3 license applications can not be submitted for this spectrum.

    d) Chairperson Curt Knight: There will be a NPSTC Colloquium concerning 700MHz Regional Planning held on Tuesday October 28, 2003 in Sacramento, California. The

Chair will be attending this meeting and has requested travel funds from the committee. At the next meeting the Chair will request reimbursement for actual expenses incurred.

20) **OLD BUSINESS:**

a) Region 5 (Southern California) plan was approved by the Region 3 Chair as authorized by the members. Their second version has been re-filed with the FCC within the past couple of weeks. This plan is available for review on the NPSTC web site.

21) **NEW BUSINESS**:

a) Region 24 (Missouri) has also been filed with the FCC within the past couple of days. This plan is also available for review by the members on the NPSTC web site.

b) 4.9 GHz spectrum Planning: Fifty MHz of spectrum within this band has been allocated to Public Safety. The Region 3 Planning Committee has been chartered by the FCC to address the allocation/management of this spectrum within Region 3 and convene a meeting no later than 6 months after the posting of the FCC Rule & Order. The Committee must have this meeting by January 2004. The region plan for this allocation must be filed NLT July 2004. The focus for the next Region 3 meeting will be on 4.9GHz.

c) Mr. Mark Schroeder was introduced as the Arizona APCO Frequency Advisor. Mark is replacing Sam Bass, good luck to Sam.

22) **OPEN DISCUSSIONS/PRESENTATIONS**: None

23) **OTHER RELATED ACTIVITIES:**

a) Narrow Band < 512 Mhz: Chair asked members if they are aware of any agencies moving forward under the new narrow band rules that the FCC has adopted. Petitions for reconsideration have been submitted by various agencies to the FCC concerning this ruling. Users must be aware that if an agency converts to narrow band they then become the primary user and any wideband users of the same or adjacent channel then become secondary.

b) AZ PSCC needs Assessment Surveys: The last regularly scheduled meetings are scheduled for Sept 24 – 26 in Safford. The initial report from MACRO is to be presented at the PSCC meeting being held today.

24) **VENDORS:** Nothing presented.

25) **Next Meeting:** The next Region 3 Planning Committee meeting will be held at 1:00 PM on January 7, 2004 in Scottsdale AZ. This meeting is being convened to specifically discuss 4.9 GHz planning.

26) The 11th meeting of the Region 3 RPC was adjourned at 11:00 a.m.

Region 3, 700 MHz Region Planning Committee Meeting # 12
January 7, 2004
Scottsdale, AZ
Meeting Minutes

*(A * .wav file (72 Mb) copy of this discussion at this meeting is available by contacting the Region 3 RPC Secretary, Mark Pallans, 602-262-7034, mark.pallans@phoenix.gov).*

Call To Order by Curt Knight, Chairman at approximately 1:15 PM.

This meeting was specifically called to meet the FCC requirement for a meeting to discuss the new 4.9 GHz Spectrum.

Self Introduction of attendees. A list of attendees is available through the Committee Secretary.

Kurt thanked the City of Scottsdale for the use of its facilities and the refreshments provided.

Motion made and seconded to accept the minutes of the previous meeting.

Presentations:

Bob Speidel of MA/Com put on a presentation that addressed; How 700 MHz Planning should progress, the current status of 700 MHz Planning, the responsibilities of the RPC with respect to 4.9 GHz. He will send copies of the presentation to anyone who requests it.

Currently no Region plan has been approved. Therefore no licenses can be issued yet. Completing the plan is important in order to approach the secondary TV users that they have to vacate the spectrum.

4.9 GHz licenses will not be geographic based. They will be licensed to each eligible statewide on all channels in the spectrum.

Steve Devine of the Missouri State Patrol is here representing NPSTC and provided a presentation of 4.9 GHz.

His presentation described how the band can be used, who can use it and the fact that there will be no user priorities for licensees. Channels can be aggregated and BW changed dynamically (as required).

One of the big questions is who will be keeping up with the licensees and their applications.

Literature on the spectrum has been provided and was available on a table at the meeting.

The subsequent discussion speculated on how the band will be used, what kinds of equipment will be available and when equipment will be available. In addition the specific applications must still be identified.

A discussion followed regarding the need for developing a Region Plan for 4.9 GHz.

New Business

Funding – once all of the existing funding is spent each region can receive an additional $2400.

John Gardner has sent a letter of resignation as Secretary. He offered the nomination of Mark Pallans as his replacement. Terry Schleizer of Sedona was nominated from the floor. Mark Pallans was elected by a majority show of hands.

Bill Washington had to resign as co-chair of Rules sub committee. Tom McNally of Tucson will replace him.

Announcements

Narrowbanding initiative of the FCC has stopped. 25 KHz bandwidth applications will continue to be accepted for the time being.

Next Public Safety Communications Committee meeting is scheduled for 3/23. This date conflicts with IWCE.

Safecom (spectrum management) meeting scheduled for 1/22 in Salt Lake City.

Maricopa County is experimenting with “black boxes” for interoperability.

4.9 GHz Region Plan

Curt Knight raised the issue of whether or not the RPC should proceed with developing a Plan for 4.9 GHz. RPC voted to go ahead with a 4.9 GHz plan. A very general plan will be developed. Curt will “chair” a group to develop a general plan that can be submitted within the 6 month time limit imposed by the FCC.

Orphan Channels

The issue of orphan channels was raised. A process for use of orphan channels must be developed and included in the Region Plan.

Next Meeting

Next Meeting will be in Lake Havasu City – not during Spring Break.

Meeting adjourned at approximately 3:50 PM.

Arizona 700 MHz Committee Meeting #13
April 30, 2004
Lake Havasu City Police Department
Lake Havasu City, AZ

- Meeting Called to order by Curt Knight at 1:05 PM
- All attendees introduced themselves
- Approval of minutes of January Meeting
- CAPRAD funding still has about $600 available. We are then eligible for another $2500.
- Committee reports - No formal Committee reports.
- Question from the floor - Can anyone access CAPRAD? Curt said yes and said he would put the access instructions on the web site.
- Curt introduced some Region 24 comments. The Region 24 Plan was rejected by the FCC. A letter of explanation was provided and we will make sure to address the same issues in our plan. He would continue after introducing Carl Voss.
- As a prelude to introducing Carl Voss of Channel 12 in Phoenix he reviewed the history of the letter send from the PSB director to all 700 MHz users in the broadcast industry. The letter advised the industry that 700 MHz would be used by public safety and that a pilot project was currently underway. Carl Voss, of Channel 12 and the local broadcast frequency coordinator explained how the industry was using 700 MHz. The FCC allows broadcasters to use any part of the TV spectrum for local applications. Broadcasters are currently using both wireless microphones and remote links in unused TV channels in the 700 spectrum. There are both legal and illegal mics out there. He is informing all of the broadcast industry of the public safety use of the 700 MHz spectrum so they will remove any equipment currently in use and will stay off in the future. Curt explained that the State is already licensed on 700 MHz. Current plan has site at Thompson Peak for prototype system.
- Region 24-one problem is not having adjacent regions convened. The FCC will not accept a plan unless ALL adjacent regions concur. That means that until all of the adjacent regions have formed committees no plans can be approved. Curt believes that all of our adjacent regions have convened.
  The FCC emphasized the fact that the documentation of all meetings must be provided. We have to assure that the history of all meetings is documented with minutes, attendance and the meeting notification process.
- Mark Schroeder updated us on 4.9 GHz. Nothing has been solidified as to standards or hardware. 802.11j, the Japanese standard, is where industry is looking - This will be an economical solution since the hardware will be in general use and not just for public safety. More news later.
- Plan update-lots of input so far. Plan structure is from NCC. There are bigger issues than the actual plan. How are we going to get it done

Missouri got dinged for not having enough players involved.
How do we assure that we got enough input? Several suggestions made on survey-send to all registered participants
This is not cast in stone but for the future-pick we need to pick a version for all to see. It can be changed in the next version.
If we don't use CAPRAD we will have a lot of work.
Mark Schroeder-deployment on mountain tops. Should we get into system design?
Smaller agencies want to know what they are getting.
Are give-backs important? Should we emphasize it in the plan? Consensus is not to consider givebacks.

- Interoperability-Arizona has SIEC to control interoperability. Plan may be too restrictive based on NCC concept that Region would be handling interop channels. Curt gave brief history of SIEC. A lot of the current text can be removed.

- How will we hold freqs available for future agency requirements?
  Technical requirements --- will we be the "coordinator"? How deep should we go in the technical information requirements.
  The question was raised as to whether we need a set of goals developed and to target with specific dates to accomplish them. The drafting committee members have been very busy but their projects are winding down. Scott Tillman believes that we are looking at January 05 for a final draft. The majority believes this is a good time frame.

- Over next month we will get the current version drafted and out. It will include all of the suggestions to date. Mark Pallans will update the e-mail listing so all participants can get the latest version. They will be given a cutoff date to respond with additional comments.

- Curt will send, via the Yahoo site the CAPRAD link so all can view it and learn what it does. The latest version of the plan will be uploaded to CAPRAD.
  Make sure all your names are correct on the list serve.

- The final presentation of the Macro study for costing information/migration plan with various options will be at the PSCC meeting on June 22 at 1 PM in Phoenix either at POST or PFD HQ.

Our next meeting will be at Maricopa County either 8/20 or 8/27 1 PM

Arizona 700 MHz Committee Meeting #14
April 15, 2005
Gila River Indian Community
Chandler, AZ

- Meeting Called to order by Vice Chair Mark Openshaw at 1:05 PM

- All attendees introduced themselves. *Copy of the attendance list is posted on the 700RPC Yahoo list server.*

- Approval of the previous meeting minutes was tabled due to the Secretary not in attendance and the minutes not available for review. The Vice Chair asked Mr. Gardner (COP/ITD) to act as Secretary for this meeting.

- No report was available from the Treasurer on the status of Committee funds.

- Committee reports – The Strategy Committee Chair provided a brief update on the plan development. No significant progress has been made since the last meeting. It was suggested that the Strategy committee meet at least twice (May and June) before the next scheduled RPC meeting which will be scheduled for mid July. Strategy Committee meeting notices will be set out and all interested parties are encouraged to attend and assist with the final plan development. The draft plan is posted on the 700RPC Yahoo list server for review and comment.

- CAPRAD Management – NPSTC requires that each region appoint CAPRAD administrators to populate/manage the CAPRAD database and ensure it reflects the approved region plan. There are three database seats made available by NPSTC. A motion was made and seconded to appoint Scott Tillman (AZ DPS) and Phil Caruso (COP/ITD) as the database administrators and the Region 3 Chair as well. This motion was unanimously approved. The Chair must now notify NPSTC in writing of the appointment of the Region 3 CAPRAD administrators. A suggestion was made to contact NPSTC and request a refresher CAPRAD course be conducted during the APCO conference in August. Mr. Gardner volunteered to contact NPSTC and make this request.

- Region 3 Draft Plan Comments:

    - The City of Peoria (Mr. John Roberts) submitted some significant comments and suggested changes to the Draft Plan. He briefed the committee on those comments and requested that they be considered for adoption. The Strategy committee will consider each of the suggested changes and brief the committee of their recommendations at the next scheduled meeting. Phoenix indicated that they will also be submitting comments for consideration.

    - 4.9 GHz Update: No comments have been received from committee members and our current draft plan does not contain any reference to this spectrum. Members were encouraged to send their comments concerning the planned use of this spectrum for inclusion in the Region 3 Plan. The Strategy Committee will draft language gleaned from other region plans and include such in the next plan release.

- Utah Plan Review: Utah is in the final stages of completing their plan and is preparing to coordinate with their surrounding regions. The Vice Chair requested input from the committee on how Region 3 should review, comment, and approve the Utah plan. At a previous meeting the committee voted to allow the Committee Chair to review and

approve surrounding region plans with out convening a special meeting. The Chair will then report back to the committee at a future meeting on any plans that had been reviewed, commented on, and approved. By doing so expedites completion process for the surrounding region. A motion was made and seconded to extend this approval process to the Utah Plan. The motion was approved.

- PSCC - Next meeting is scheduled for May 24th at 1:00 PM at the Post.

- Our next meeting is tentatively scheduled for July 15th in either Flagstaff or Sedona. The chair will find a location and send out the meeting notice.

- Adjourned 2:30 PM.

Arizona 700 MHz Committee Meeting #15
April 15, 2005
Gila River Indian Community
Chandler, AZ

- Meeting Called to order by Vice Chair Mark Openshaw at 1:05 PM

- All attendees introduced themselves. *Copy of the attendance list is posted on the 700RPC Yahoo list server.*

- Approval of the previous meeting minutes was tabled due to the Secretary not in attendance and the minutes not available for review. The Vice Chair asked Mr. Gardner (COP/ITD) to act as Secretary for this meeting.

- No report was available from the Treasurer on the status of Committee funds.

- Committee reports – The Strategy Committee Chair provided a brief update on the plan development. No significant progress has been made since the last meeting. It was suggested that the Strategy committee meet at least twice (May and June) before the next scheduled RPC meeting which will be scheduled for mid July. Strategy Committee meeting notices will be set out and all interested parties are encouraged to attend and assist with the final plan development. The draft plan is posted on the 700RPC Yahoo list server for review and comment.

- CAPRAD Management – NPSTC requires that each region appoint CAPRAD administrators to populate/manage the CAPRAD database and ensure it reflects the approved region plan. There are three database seats made available by NPSTC. A motion was made and seconded to appoint Scott Tillman (AZ DPS) and Phil Caruso (COP/ITD) as the database administrators and the Region 3 Chair as well. This motion was unanimously approved. The Chair must now notify NPSTC in writing of the appointment of the Region 3 CAPRAD administrators. A suggestion was made to contact NPSTC and request a refresher CAPRAD course be conducted during the APCO conference in August. Mr. Gardner volunteered to contact NPSTC and make this request.

- Region 3 Draft Plan Comments:

    - The City of Peoria (Mr. John Roberts) submitted some significant comments and suggested changes to the Draft Plan. He briefed the committee on those comments and requested that they be considered for adoption. The Strategy committee will consider each of the suggested changes and brief the committee of their recommendations at the next scheduled meeting. Phoenix indicated that they will also be submitting comments for consideration.

    - 4.9 GHz Update: No comments have been received from committee members and our current draft plan does not contain any reference to this spectrum. Members were encouraged to send their comments concerning the planned use of this spectrum for inclusion in the Region 3 Plan. The Strategy Committee will draft language gleaned from other region plans and include such in the next plan release.

- Utah Plan Review: Utah is in the final stages of completing their plan and is preparing to coordinate with their surrounding regions. The Vice Chair requested input from the committee on how Region 3 should review, comment, and approve the Utah plan. At a previous meeting the committee voted to allow the Committee Chair to review and approve surrounding region plans with out convening a special meeting. The Chair will then report back to the committee at a future meeting on any plans that had been reviewed, commented on, and approved. By doing so expedites completion process for the surrounding region. A motion was made and seconded to extend this approval process to the Utah Plan. The motion was approved.

- PSCC - Next meeting is scheduled for May 24th at 1:00 PM at the Post.

- Our next meeting is tentatively scheduled for July 15th in either Flagstaff or Sedona. The chair will find a location and send out the meeting notice.

Adjourned 2:30 PM.

Arizona 700 MHz Committee Meeting #16
August 31, 2005
Mesa, AZ

- Meeting called to order by Chair - Mark Schroeder at 1:00 PM

- All attendees introduced themselves and identified if they were the official voting member for the entity they represent. Twenty-four individuals attended this meeting. Nine individuals identified themselves as voting representatives. A c*opy of the attendance list is posted on the 700RPC Yahoo list server. Those individuals who identified themselves as voting representatives are identified with a "V" by their name.*

- The minutes for the Feb 11, 2005 and April 15, 2005 meetings were unanimously approved. The Chair asked Mr. Gardner (COP/ITD, past secretary) to act as interim Secretary for this meeting.

- Officer reports were solicited none were presented.

- Committee reports – The Strategy Committee submitted the Final Draft of the Region 3 Plan for consideration by the membership. This plan was distributed to the membership several weeks prior to this meeting and posted on the Yahoo list server for comments.

- Election of a replacement Treasurer - The chair acknowledged the resignation by Joe Noce as Treasurer and requested nominations from the floor for a replacement. Mr. Stuart Snow from the City of Tempe was nominated with unanimous support from the membership in attendance. Congratulations to Mr. Snow. A financial status update will be provided at the next scheduled meeting. Many thanks to Joe Noce for his longtime support to the committee

- Region 41 (Utah) Plan approval – The membership voted unanimously to approve adjacent region 41's plan.

- Region 3 Plan - The chair requested a motion from the floor to adopt the current draft plan dated August 17, 2005. Minor comments/requested changes were made regarding the following:

    - Paragraph 5.5 – change the word "request" to "applications"
    - Paragraph 5.6 – change reference in paragraph 2 to "Section 9.0".

  A motion was made and seconded to adopt the Plan with the changes identified above. A vote was taken with majority approval and one abstention from Gila River due to the voting representative being new to the committee and not familiar with the contents of the plan.

  Next Steps - The chair will forward the committee approved plan to our 5 adjacent regions (So. California, Nevada, Utah, Colorado & New Mexico) for coordination. Once the adjacent regions have approved our plan it will be forwarded to the FCC for comment and final approval.

  Many thanks go out to those members who participated on the Strategy Committee in drafting, commenting on, and completing this plan.

- 4.9 GHz Update: No comments have been received from committee members. Members were encouraged to send their comments concerning the planned use of this spectrum for eventual inclusion in the Region 3 Plan.

- 700MHz 6.25Khz Itinerate Channels – The chair briefed the attendees on this issue and the availability of these low power nationwide channel assignments. Both Scottsdale and Phoenix have submitted license applications for these channels and are waiting for final FCC approval.

- SIEC Meeting - Next meeting is scheduled for October 26th, at 10:00 at the Pueblo Grande Museum in Phoenix (4619 W. Washington).

- Our next meeting is tentatively scheduled in conjunction with the APCO Training Seminar to be held in January. A firm date/time/location will be provided at a later date.

- Adjourned 2:00 PM.

APPENDIX C

REGION 3 MEMBERS / ATTENDEE LIST

Last Name	First Name	Orgainzation	Address	Phone #
Aguilar	Jack	Surprise PD	12425 W. Bell Rd, Surprise, AZ. 85374	623-585-1083
Allen	Ray	Tucson FD	PO Box 27210, Tucson 85726-7210	520-791-4512
Avery	Gary	Phoenix P.D.	620 W. Washington, Phoenix 85003	602-534-0559
Bach	Mark	Fort Mc Dowell	18580 E. Toh Vee Cr. 85264	480-816-7505
Barrett	Jonathan	Bullhead City FD	1260 Hancock Rd., Bullhead City 86442	520-758-3971
Barrows	Bruce	Paradise Valley	6433 E. Lincoln Dr., Paradise Valley AZ	480-348-3504
BeJarano	Heriberto	San Luis P.D.	767 N. 1st Ave, San Luis, AZ. 85349	341-2420
Benner	Dave	Prescott PD	222 S. Marina St., Prescott 86305	928-771-5800
Benson	Richard	Yuma County	141 S. 3rd Ave, Yuma 85364	928-539-7841
Blanchard	Dwight	Chandler	PO Box 4008, MS804, Chandler, AZ 85244	480-782-4162
Blume	Ken	Surprise PD	12425 W. Bell Rd, Surprise, AZ. 85374	623-594-5237
Bobar	Robert	Cochise County Sheriff	205 N. Judd Dr., Bisbee 85603	520-432-8550
Brad	Jim	Gilbert PD	1025 S. Gilbert Rd., Gilbert 85296	480-503-6530
Brashier	Mike	Casa Grande Fire	101E. 5th St., Casa Grande 85222	520-421-8777
Bremson	David	M/ACOM	950 W. Elliot Rd., Tempe	480-839-2500
Brooks	Hal	Glendale Police Dept.	6835 N 57th Dr., Glendale, AZ 85301	623-930-3001
Brown	Gary	Phoenix Transit	2225 W. Lower Buckeye	602-262-6040
Brown	Michael	Mesa	PO Box 1466, Mesa 85211-1466	480-644-5155
Burke	Kate	Tucson PD	270 S. Stone Ave. Tucson	520-791-2563
Busby	Dennis	M/ACOM	950 W. Elliot Rd., Tempe	480-839-2500
Carrera	Eddie	City of Yuma		928-373-4912
Caruso	Phil	City of Phoenix	2441 S. 22nd Ave., Phoenix, AZ	602-262-7034
Case	Jim	Creative Communications	3332 E. Broadway #102, Phoenix 85040	602-955-8403
Christley	Fred	AZ Game 7 Fish	2221 W. Greenway Rd., Phoenix, AZ. 85023	602-789-3200

Ciotti	Bob	Phoenix Transit	302 N 1st Ave., Phoenix 85205	602-534-1941
Clah	Phillip	Navajo Police, Kayenta Dist.	P.O. Box 2460, Kayenta, AZ. 86033	928-697-5600
Claridge	Jed	San Carlos Apache EMS	PO Box 0, San Carlos 85550	928-475-2388
Clark	Kevin	Buckeye P.D.	100 N. Apache St. Buckeye, AZ. 85326	623-386-4421
Clifton	Rick	Tohono O'odham Nation, DPS	PO Box 837 Sells 85648	520-383-8560
Clore	Rick	Mesa PD	PO Box 1466, Mesa 85211-1466	480-644-4373
Comieth	John	Prescott PD	222 S. Marina St., Prescott 86305	928-228-1444
Consalvos	Lawrance	IXP Corp.	12860 E. Jenan Dr., Scottsdale, AZ. 85259	480-314-2267
Cooper	Jesse	Phoenix, PD	100 E. Elwood, Phoenix 85040	602-534-0315
Corcorah	Wayne	Maricopa County Park Police		602-506-3959
Cory	Trudy	Gila County S.O.	108 W. Main St., Payson, AZ. 85541	928-474-2208
Delugt	Mark	Chandler P.D.	250 E. Chicago St., Chandler 85225	480-782-4181
Denney	Gail	Scottsdale PD	9065 E. Via Linda, Scottsdale 85258	480-312-5669
Duarte	M	SCC Emergency Mgt	2150 N. Congress St.	520-375-8000
Elkins	Garrett	Apache Junction PD	1001 N. Idaho Rd., Apache Junction, AZ. 85219	480-671-5469
Encinas	Craig	Tohono O'odham Nation F.D.	P.O. Box 400, Sells AZ. 85634	520-383-8276
Evans	Michael	Cochise County Emg Srvcs	1415 Melody Ln Bldg G Bisbee, AZ, 85603	520-432-9220
Faulkner	Dave	Phoenix P.D.	620 W. Washington, Phoenix 85003	602-495-5237
Fitzpatrick	Tim	Buckeye P.D.	100 N. Apache St. Buckeye, AZ. 85326	623-386-4421
Fiumara	Joe	Lake Havasu City P.D.	2360 McCulloch Blvd, LHC AZ 86403	928-855-1171
Florman	Tom	Cocnino Co. Sheriff Office	P.O. Box 39, Flagstaff, AZ. 86002	928-226-5100
Fusco	Mike	Peoria FD	8401 W. Monroe, Peoria, AZ. 85345	623-773-7679
Gardner	John	Phoenix Comm.	2441 S. 22nd Ave., Phoenix 85009	602-262-6963
Gibbs	Steve	Maricopa Co. Sheriff's Office	102 W. Madison St., PHX, AZ. 85003	602-256-1886
Gibson	Joe	Rural Metro/SW Ambulance	617 W. Main St., Mesa 85201	480-655-7240
Glorioso	John	Gilbert Fire/PD	545 N. Lindsay Rd., Gilbert, AZ. 85234	480-503-6335
Golisch	Steven	AZ DPS	PO Box 6638, Phoenix 85005-6638	602-223-2295
Greyeyes	Everett	Navajo Police, Kayenta Dist.	P.O. Box 2460, Kayenta, AZ. 86033	928-697-3919
Griffin	Mark	Chandler	PO Box 4008 MS 804, Chandler 85244	480-782-4162

Harper	Richard	Tucson PD	270 S. Stone Ave. Tucson	520-791-2563
Harrison	Allen	Pinal Co. Telecom	31 N. Pinal, Florence AZ	520-368-6600
Hartmetz	Karl	La Paz S.O.	1109 Arizona Ave, Parker AZ. 85344	928-669-6141
Hess	Calvin	Pinal Co. S.O.	P.O. Box 867, Florence AZ 85232	520-868-6885
Hindman	Joe	Scottsdale PD	9065 E. Via Linda, Scottsdale 85258	480-312-5072
Huish	Jon	AZ State Land - Fire Mgmt	2901 W. Pinnacle Peak Rd., Phoenix, AZ 85027	602-255-4059
Hulland	Steve	Elephant Head Volunteer FD	P.O. Box 6385, Amado, AZ. 85645	520-419-1848
Hutchings	Pam	Lake Havasu PD	2360 McCulloch Blvd. LHC, AZ	928-855-4111
Jakoby	Joe	Tucson	4604 S. Park, Tucson 85714	520-791-4950
Johnson	Carl	Buckeye P.D.	100 N. Apache St. Buckeye, AZ. 85326	623-386-4421
Johnson	LeRoy	Mesa FD	13 W. 1st Street, Mesa, AZ	480-644-3524
Johnson	Penny H.	NAVAJO EMS	PO Box 3360, Window Rock AZ	928-871-6792
Jorgensen	Bob	City of Mesa	PO Box 1466, Mesa 85211-1466	480-644-3172
Kemp	Wes	Gilbert Fire Dept	545 N. Lindsay Rd., Gilbert, AZ. 85234	480-503-6300
Klein	Ron	Yavapai County Sheriff Office	255 E. Gurley St., Prescott, AZ. 86301	928-777-7221
Knight	Curt	AZ DPS	Box 6638, Phoenix 85020	602-223-2257
Lacy	Andrew	Motorola	2501 S. Price Rd. Chandler, AZ. 85241	480-732-6119
Landau	Eric	AZ DPS	1389 N. Mesquite Lane, Fountain Hills, AZ. 85268	480-837-8200
Lawson	Eric	Alltel Communications	2125 E. Adams St., Phoenix, AZ. 85034	602-302-9838
LeBlanc	Jessica	AK Chin	Farrell Rd, Maricopa AZ	928-734-2106
Lense	Phil	Phoenix Comm.	2441 S. 22nd Ave Phoenix 85009-6917	602-262-7290
McCrymonds	Matt	Yuma County CIO	198 S. Main St., Yuma, AZ. 85364	928-329-2108
McNally	Tom	Tucson P.D.	270 S. Stone Ave, Tucson, AZ. 85701	520-791-2563
Miller	Bill	Fry Fire District/Cochise County	4817 Apache St., Sierra Vista, AZ. 85650	520-378-3276, ext 304
Miner	Jeff	Phoenix, Communications	251 W. Washington, Phoenix	602-262-2883
Molina	Sixto	South Tucson Police Dept.	1601 South 6th Ave., South Tucson AZ 85713	520-917-1580
Morgan	Mark	EF Johnson		
Munoz	Richard	South Tucson Police Dept.	1601 South 6th Ave., South Tucson AZ 85713	520-622-3307

Nadeau	Chris	Goodyear PD	119 N. Litchfield Rd, Goodyear 85338	623-882-7658
Navarro	Roymundo	San Luis P.D.	767 N. 1st Ave, San Luis, AZ. 85349	341-2420
Nielsen	Tracy	Pascua P.D.	7474 S. Camino De Oeste	879-5501
Olson	Joan	Phoenix PD	100 E. Elwood, Phoenix 85040	602-534-9924
O'Melia	Jim	Motorola	2501 S. Price Rd. Chandler, AZ. 85241	480-732-6143
Openshaw	Mark	Gila River Indian Fire	5002 N. Maricopa Rd, Chandler 85226	520-796-5911
Overton	Debbie	Maricopa Co. Sheriff's Office	102 W. Madison, Phoenix 85003	
Park	Stan	ADC	3120 N. 35th Ave., Phoenix, AZ 85017	602-255-5347
Pattee	Sheila	Glendale Police Dept.	6835 N 57th Dr., Glendale, AZ 85301	623-930-3002
Perry	James	Tucson	PO Box 27210, Tucson 85726	520-791-4950
Phillips	Bill	Phoenix ITD	251 W. Washington St., Phoenix 85003	602-261-8285
Pierson	Harold	Rural Metro/SW Ambulance	617 W. Main St., Mesa 85201	480-655-7434
Pilcher	Calvin	Fort Mc Dowell (Yavapai Nation)	PO Box 17229, Fountain Hills, AZ. 85269	480-816-7188
Priolo	Mike	ASU PD	Box 87084, Tempe AZ. 85287	480-965-5417
Punske	Paul	Motorola	PO Box 31958, Tucson 85751	520-885-2590
Quaggan	Blair	Motorola	2900 S. Diablo Way, Tempe, AZ. 85202	602-705-7677
Reitz	Carl	AZ DEMA	5636 E. McDowell Rd, Bldg 103, Phoenix, AZ 85008	602-231-6301
Rober	Victor	ADC	3120 N. 35th Ave., Phoenix, AZ 85017	602-255-3350
Roberts	John	City of Peoria	8401 W. Monroe, Peoria, AZ. 85345	623-773-7508
Rodriguez	Dan	Kingman PD	2730 E. Andy Devine, Kingman AZ 86401	520-253-2191
Rogers	Kevin	State of AZ PSCC	Phoenix, AZ	
Rowe	William	Tubac Fire District	PO. Box 2881, Tubac, AZ. 85646	520-761-1065
Ruhland	Fred	City of Mesa	161 E. 6th Place, Mesa 85201	480-644-4373
Ryan	Edward	American Red Cross	7383 N. Litchfield Rd #1052, Luke AFB	623-856-7823
Sacco	Mike	Pima Co. Sheriff	1750 E. Benson Hwy., Tucson, AZ. 85714	520-741-4879
Sayers	Larry	Pima County	1301 S. Mission, Tucson 85713	520-740-5912
Scala	Rich	Tempe	53 S Priest Dr. Tempe	480-350-2976
Schleizer	Terry	Sedona Fire District	2860 Southwest Dr., Sedona, AZ. 86336	928-282-7101
Schlosser	Mary	Fort McDowell PD		

Schroeder	Mark	City of Scottsdale	9379 E. San Salvador, Scottsdale, AZ. 85258	480-312-5862
Scott	Vicky	Peoria P.D.	8343 W. Monroe Street	623-773-7011
Shearer	Dan	Highland Fire Dept.	568 Kona Trail, Flagstaff 86001	520-525-1717
Shonk	Kevin	Tohono O'odham P.D.	P.O. Box 189, Sells 85634	520-383-3275
Shupla	Edgar	Hopi Tribe	Box 123, Kykotsmori, AZ. 86039	928-734-3271
Silas	Julene	Tohono O'odham Nation ITD	P.O. Box 837, Sells, AZ. 85634	520-383-0270
Sipe	Ray	Kingman PD	2730 E. Andy Devine, Kingman AZ 86401	520-253-2191
Smith	Ernie	Lake Havasu Fire	2360 McCulloch Blvd, LHC, AZ	928-453-3313
Smith	Scott	Glendale Police Dept.	6825 N. 57th. Drive, Glendale, AZ. 85301	623-930-3301
Snow	Stuart	Tempe	53 S. Priest, Bldg G, Tempe, AZ 85251	480-350-2930
Speer	Rich	Chandler P.D.	250 E. Chicago St., Chandler 85225	480-782-4149
Spencer	Angela	Tucson PD	270 S. Stone Ave. Tucson	520-791-2563
Spino	Nick	Creative Communications	3145 N 33rd Ave, Phoenix AZ 85017	
Standifer	Bill	Tohono O'odham Nation	PO Box 837, Sells 85634	520-383-0270
Stinson	Roger	Coolidge PD	911 S. Arizona Blvd, Coolidge, AZ. 85228	520-723-5311
Strayer	Dave	Casa Grande Fire	101E. 5th St., Casa Grande 85222	520-421-8777
Stringer	Janne	Surprise PD	12425 W. Bell Rd, Ste A105, Surprise AZ. 85374	623-594-5637
Sutphen	James	Salt River Pima-Maricopa I Comm	10005 E. Osborn, Scottsdale, AZ 85256	480-850-8230
Szczepkowski	Vicki	Chandler PD	250 E. Chicago St., Chandler 85225	480-782-4149
Taggart	Walt	Yavapai Apache P.D.	353 Middle Verde Rd., Camp Verde AZ 86322	928-567-4259
Talgo	Elliott	San Carlos Apache EPA	10 W. Tonto St., San Carlos AZ. 85550	928-475-2218
Taylor, Sr.	Arnold	Hopi Tribe	Box 123, Kykotsmori, AZ. 86039	
Tevyaw	Paul	City of Mesa	PO Box 1466, Mesa 85211-1466	480-644-6158
Thomas	Ken	Yuma County	141 S. 3rd Ave, Yuma 85364	928-539-7841
Tibbi	Kim	Lake Havasu PD	2360 McCulloch Blv., LHC, AZ	928-855-1171
Tillman	Scott	AZ DPS	PO Box 6638, Phoenix 85005-6638	602-223-2295
Torpey	Davis	PVPD		
Tortice	Winston	White Mtn Apache Police Dept.	PO Box 889, White River AZ 85941	928-338-4942
Toye	Jeff	Mesa, Communications	PO Box 1466, Mesa 85211-1466	480-644-2813

Turner	Harrington Turner	Yavapai Apache Nation Fire	2372 Kinsey St., Camp Verde, AZ. 86322	928-567-7557
Tuttle	Lori	National Park Service (Grand Cyn)	P.O. Box 129, Grand Canyon, AZ. 86023	928-638-7803
Tynan	Bill	National Park Service	601 Nevada Hwy, Boulder City, NV. 89005	702-293-8993
Vargo	Jay	ADEM		
Vicente	William	Hopi Tribe	P.O. Box 123 Kykotsmou, AZ. 86039	928-734-7343
Victor	Luther	San Carlos Apache EMS	PO Box 0, San Carlos 85530	928-475-2388
Voss	Karl	KPNXTV / Frequency Coordinator	1101 N. Central, Phoenix, AZ.	602-261-6191
Waddell	James	Chandler P.D.	250 E. Chicago St., Chandler 85225	480-782-4150
Wagner	Sandra	Motorola		602-277-9706
Wallace	Henry	NAVAJO EMS	PO Box 3360, Window Rock AZ	928-871-9410
Walton	Patti	Chandler P.D.	250 E. Chicago St., Chandler 85225	480-782-4144
Wanek	Don	ATC Phoenix	302 N 1st Ave., Phoenix 85205	602-677-0334
Washington	Bill	Tucson PD	270 S. Stone Ave. Tucson	520-791-2563
Wendt	Bob	Creative Communications	3145 N 33rd Ave, Phoenix AZ 85017	602-269-2363
West	Harold	BLM	222 N. Central, Phoenix, AZ. 85004	602-417-9284
White	Nate	Phoenix FD	150 S. 12th St., Phoenix 85034-2301	602-256-3394
Wiechmann	Loy	Phoenix, Comm.	251 W. Washington, Phoenix. 85003	60-256-3383
Wilkinson	Greg	Yuma	180 W. 1st St., Yuma, AZ. 85364	928-343-8613
Willie	Gary	NAVAJO EMS	PO Box 3360, Window Rock AZ	928-871-6792
Wills	Dan	Sedona Fire	2860 Southwest Dr., Sedona, AZ. 86336	928-300-0137
Wilson	Paul S.	Mesa FD	PO Box 1466, Mesa 85211-1466	480-644-2405
Wittig	Everett	Cochise County Info. Tech.	205 N. Judd Dr., Bisbee 85603	520-432-9596
Wotbeck	Karl	RCC Consultants	18530 N. 85th Ave, Phoenix, AZ. 85382	623-875-2005
Zanella	Charles	Apache Junction Fire Dist.	3955 E. Superstition Blvd, AJ 85219	480-982-4440
Zelman	Rick	City of El Mirage	14406 N. Primrose St., El Mirage	623-933-1341
Zimpfer	Karon	ASU DPS	Box 87084, Tempe AZ. 85287	480-965-5417

APPENDIX D

SAMPLE COVER LETTER TO ADJACENT REGIONAL CHAIRS

Chair Region_____
Address

Dear_____

Attached is the final 700 MHz Regional Plan for Region 3. Please review and respond within 60 days of receipt. For your convenience, I have attached a sample Adjacent Region Concurrence letter that you can use to formally acknowledge your Regions approval of Region 3's Plan. If you have any questions, do not hesitate to contact me.

I have also attached an Inter-Regional Dispute Resolution Agreement that must be signed by you and must accompany my Regional Plan when filed with the FCC. As we have discussed, this agreement simply formalizes the process we will use to ensure concurrence to any frequency allocations in our region borders and the steps we will take to resolve any disagreements.

Thank you for your time and attention to this matter.

Sincerely;

Mark Schroeder
Chair, Region 3

APPENDIX E

Notification to Secondary Television Operations

March 15, 2004

TO ALL ARIZONA:

Low Power Television Stations

Translator Television Stations

The Arizona Department of Public Safety (DPS) will be conducting interagency radio communication trials with other federal, state, and local public safety agencies in the greater Phoenix metropolitan area. These trials are expected to begin in March 2004 and continue through September 2004. The Arizona Department of Public Safety will be deploying portable, mobile, and base equipment operating in the 700 MHz band (television channels 63-64 and 68-69), as authorized by the Federal Communications Commission under license WPTZ765. At the conclusion of these trials, it is expected that certain tactical operations (covered by this license) will continue indefinitely throughout the Phoenix metropolitan area. Although the DPS does not expect to cause interference to television services in the trial area, low power television and television translator stations are reminded that their operations are considered secondary to public safety land mobile operations.

Additionally, regional planning efforts are taking place nationwide, by a consortium of public safety agencies which will pave the way for ultimate access to the 700 MHz band (television channels 63-64 and 68-69), for all public safety agencies in Arizona, as well as nationwide. In the future, you may expect similar correspondence from Arizona's regional planning group that will specify when other public safety agencies can begin licensing and deploying 700 MHz land mobile systems in Arizona.

If you have any questions concerning the Department's radio communication efforts or the 700 MHz public safety radio systems in

Arizona, please contact DPS Telecommunications Bureau Manager Curt Knight at 602-223-2257 or via e-mail at cknight@dps.state.az.us.

Sincerely,

Dennis A. Garrett, Colonel

Director

APPENDIX F

SPACE ALLOCATED FOR FUTURE ARIZONA SIEC PLAN

CONCURRENCE LETTER

Date: 11-14-2005

Region 3
C/o Mark Schroeder, Chairman
City of Scottsdale; Mail code WRB-PD
9379 E. San Salvador
Scottsdale, AZ 85258

Dear Mark,

Region 5 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee. Region 5 has met on, reviewed, and formally approved Region 3's Plan.

This letter serves as the official, written concurrence of Region 5 to your proposed 700 MHz Regional Plan.

Sincerely,

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

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Arizona, Region 3, Southern California, Region 5, Northern California, Region 6, and Nevada, Region 27.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 3,5,6, and 27 and will be used by the Regions to coordinate between these adjacent Regional Planning Committees when:

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

b. Applications by eligible entities are accepted.

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

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

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

[1] If an applicant's proposed service area extends into an adjacent Public Safety Region(s)or a base station is within 70 miles of the adjacent regions border, the application must be approved by the affected Region(s).

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

II. Dispute Resolution

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

(i) Unconditional concurrence;

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

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

(2) If the Inter-Regional Working Group cannot resolve the dispute, then the matter shall be forwarded for evaluation to the National Plan Oversight Committee (NPOC), of the National Public Safety Telecommunications Council. Each Region involved in the dispute shall include a detailed explanation of its position, including engineering studies and any other technical information deemed relevant. The NPOC

Service area shall normally be defined as the area included within the geographical boundary of the applicant, plus three (3) miles. Other definitions of service area shall be justified with an accompanying *Memorandum of Understanding (MOU)* or other application documentation between agencies, i.e. mutual aid agreements.

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

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

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

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

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 3, 5, 6, and 27 do hereunto set their signatures.

Respectfully,

Curt Knight, Chairperson Region 3

Date: 3/19/03

David Buchanan, Chairperson Region 5

David Buchanan Date: 5-12-2003

William DeCamp, Chairperson Region 6

Wm DeCamp Date: 5/9/03

James A. Wilson, Chairperson Region 27

J A Wilson Date: 7-28-03

State of Nevada
700 MHz Committee
FCC Region 27

January 13, 2006

Mark S. Schroeder
Arizona APCO AFC
8837 W. Potter Drive
Peoria, AZ 85382

Subject: State of Arizona Region - 700 MHz Regional Plan

Dear Mr. Schroeder;

The State of Nevada 700 MHz Committee, FCC Region 27 concurs with your draft plan for the 700 MHz spectrum in Arizona

Regards,

Mark D. Pallans, Chairman
Region 27

State of Nevada 700 MHz Region Committee, Mark D. Pallans, Chairman
C/O Nevada Power Company, 2215 East Lone Mountain Road, M/S 93, North Las Vegas, NV 89031
702-657-4205 FAX 702-657-4220 e-mail mpallans@nevp.com

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

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 3 Arizona and Region 27 Nevada.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 3 and 27, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

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

b. Applications by eligible entities are accepted.

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

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

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

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

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

II. Dispute Resolution

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

(i) Unconditional concurrence;

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

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

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

---

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

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

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

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

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

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 3 and 27 do hereunto set their signatures the day and year first above written.

Respectfully,

---

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

date: 2/10/06

Mark S. Schroeder, Region 3 700 Chairman

date: 1/20/2006

Mark Pallans, Region 27 700 Chairman

CONCURRENCE LETTER

Date:

Region 3
C/o Mark Schroeder, Chairman
City of Scottsdale; Mail code WRB-PD
9379 E. San Salvador
Scottsdale, AZ 85258

Dear Mark,

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

This letter serves as the official, written concurrence of Region 7 to your proposed 700 MHz Regional Plan.

Sincerely,

Emery Reynolds
Chairperson Region 7

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

I. Coordination Procedures

I. INTRODUCTION

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

II. INTER-REGIONAL COORDINATION AGREEMENT

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

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

b. Applications by eligible entities are accepted.

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

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

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

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

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

II. Dispute Resolution

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

(i) Unconditional concurrence;

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

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

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

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

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

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

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

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

III. CONCLUSION

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

Respectfully,

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

date: 1/30/06

Mark S. Schroeder, Region 3 700 Chairman

date: 1-18-06

Emery L. Reynolds, Region 7 700 Chairman

700 MHz → Region 41

December 14, 2005

Mark Schroeder
Wireless Systems Manager
Maricopa County
3324 W. Gibson Lane
Phoenix, Arizona 85009-6248

Dear Mark:

We have received a copy of the Region 3 700 MHz frequency assignment plan. We have reviewed the plan and submit this letter of concurrance to your plan. We appreciate the opportunity to comment. Good luck in the implementation of 700 MHz spectrum in the state of Arizona. Please call us if there is anything further you require.

Sincerely,

Steven H. Proctor
Region 41 Chairperson

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I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, Region 3 Arizona and Region 41 Utah.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 3 and 41, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

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

b. Applications by eligible entities are accepted.

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

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

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

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

II. Dispute Resolution

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

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

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

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

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

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

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

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

III. CONCLUSION

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

Respectfully,

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

date: 12/14/05

Mark S. Schroeder, Region 3 700 Chairman

date: 10.28.05

Steven H. Proctor, Region 41 700 Chairman

CONCURRENCE LETTER

Date:

Region 3
C/o Mark Schroeder, Chairman
City of Scottsdale; Mail code WRB-PD
9379 E. San Salvador
Scottsdale, AZ 85258

Dear Mark,

Region 29 is in receipt of your proposed 700 MHz Regional Plan, submitted to this Committee. Region 29 has met on, reviewed, and formally approved Region 3's Plan.

This letter serves as the official, written concurrence of Region 29 to your proposed 700 MHz Regional Plan.

Sincerely,

Julian Zamora
Chairperson Region 29

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

I. Coordination Procedures

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the following 700 MHz Regional Planning Committees, 3 and 29.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Regions 3 and 29, and which will be used by the Regions to coordinate with adjacent Regional Planning Committees.

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

b. Applications by eligible entities are accepted.

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

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III. CONCLUSION

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

Respectfully,

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date:

Mark S. Schroeder, Region 3 700 Chairman

date:

Julian Zamora, Region 29 700 Chairman