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FEDERAL COMMUNICATIONS COMMISSION

Region 18 – State of Louisiana

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769-775/799-805 MHz Regional Plan for Region 18 (Louisiana)

This document is the Regional Plan for Region 18 (Louisiana) describing how the 769-775/799-805 MHz General Use frequencies will be allocated and implemented in the Region.

1.1 Regional Chair

The Regional Chairperson of Region 18 is William R. Vincent, Sr. His information is below:

William R. Vincent, Sr., Director
Lafayette Parish Communication District
P.O. Box 3286
Lafayette, LA 70502
Phone: (337) 291-5060
Fax: (337) 291-5080
Email: eoc@lafayettegov.net

1.2 Regional Vice-Chair

The Regional Vice-Chairperson of Region 18 is Mike Musselman. His information is below:

Mike Musselman
St. George Fire Department
3773 Harding Blvd.
Baton Rouge, LA 70807
Phone: (225) 389-2057
Fax: (225) 389-2049
Email: mwmusselman@stgeorgefire.com

Region 18 Description

1.3 Region 18 encompasses the entire state of Louisiana, consisting of 64 parishes. An alphabetical list of the individual parishes can be found listed in Appendix C.

Length x Width	Louisiana is about 380 miles (612 kilometers) long and 130 miles (209 kilometers) wide.
Geographic Center	The geographic center of Louisiana is located in Avoyelles Parish, 3 miles (4.8 kilometers) SE of Marksville. Longitude: 92° 32.2'W Latitude: 30° 58.1'N
Borders	Louisiana is bordered by Arkansas on the north and the Gulf of Mexico on the south. Mississippi borders Louisiana on the east and Texas borders Louisiana on the west.
Total Area	Louisiana covers 51,843 square miles (83,433 kilometers), making it the 31st largest of the 50 states.
Land Area	43,566 square miles (70,112 kilometers) of Louisiana are land areas.
Water Area	8,277 square miles (13,321 kilometers) of Louisiana are covered by water.
Highest Point	The highest point in Louisiana is Driskill Mountain at 535 feet (163 meters) above sea level.
Lowest Point	The lowest point in Louisiana is 8 feet (2.4 meters) below sea level in New Orleans. This is the second lowest place in the country.
Mean Elevation	The Mean Elevation of the state of Louisiana is only 100 feet (30.5 meters) above sea level.
Major Rivers	Atchafalaya River, Mississippi River, Ouachita River, Red River, Sabine River
Major Lakes	Calcasieu Lake, Catahoula Lake, Grand Lake, Lake Maurepas, Lake Pontchartrain, Toledo Bend Reservoir, White Lake
Gulf of Mexico	All coastal parishes jurisdiction includes out to three miles into the Gulf of Mexico
Strategic Oil Reserves	Louisiana is the site of several of the nation's strategic oil reserve facilities
Louisiana Offshore Oil Port (LOOP)	This national critical facility is in Lafourche Parish, Louisiana with Operations in Galliano and the Gulf facility at Port Fourchon.

There are 834.94 miles (1343.7 kilometers) of "Primary" interstate highways and 57.72 miles (92.9 kilometers) of "Secondary" interstate highways (feeders or loops) for a total of 892.66 miles (1436.6 kilometers). These interstates pass through one or more major population areas listed below, with the exception of Terrebonne Parish.

The estimated population of Louisiana in 2004 is 4,515,770.
http://quickfacts.census.gov/qfd/states/22000.html

981,413 or 21.7% of the State's population was in the Greater New Orleans area (Orleans, Jefferson, & St. Bernard parishes). 627,330 or 13.9% is in the Greater Baton Rouge area (East Baton Rouge, West Baton Rouge, Ascension, & Livingston parishes. 362,872 or 8% is north & east of the New Orleans & Baton Rouge areas (St. Tammany, Tangipahoa, & Washington parishes).

Rapides Parish, encompassing Alexandria, LA has a population of 128,013. Bossier Parish, encompassing Bossier City, LA has a population of 104,080. Caddo Parish, encompassing Shreveport, LA has a population of 251,506. Lafayette Parish, encompassing Lafayette, LA has a population of 195,707. Calcasieu Parish, encompassing Lake Charles, LA has a population of 184,961. Ouachita Parish, encompassing Monroe, LA has a population of 148,355. Terrebonne Parish, encompassing Houma, LA has a population of 106,523.

All of these numbers were valid before Hurricanes Katrina & Rita, which struck during August & September of 2005. According to widely published news reports as of May 2006, less than one-half of the pre-Katrina population of Orleans, St. Bernard, and Plaquemines Parishes has returned. Conversely, the population of other areas such as Baton Rouge and Lafayette have indicated significant increases post-Katrina.

Louisiana is bordered to the west by Region 51 (Southeast Texas) and Region 40 (Northeast Texas), to the north by Region 4 (Arkansas), and to the east by Region 23 (Mississippi). The southern border of Louisiana is the Gulf of Mexico.

2.1 Summary of the Major Elements of the Plan

The major elements of this Plan follow the National Coordination Committee (NCC) guidelines. The major elements of this Plan are (1) the declaration that this is the Region 18 Plan, (2) that Region 18 encompasses the entire State of Louisiana, (3) the administration and operation of the Committee, (4) 700 MHz interoperability, (5) General Use spectrum management (6) allocation requests, (7) dispute resolution, (8) adjacent region coordination and (9) the appendices including channel allocations.

2.2 Notification Process

The 800 MHz NPSPAC Region 18 Chairperson, William R. Vincent acted as the 700 MHz Convener. A 700 MHz Regional Planning Committee meeting date was set for August 31, 2001. Notification to interested parties began sixty (60) days prior to the first meeting. Announcements indicating the date, time and location of the first meeting were sent by email to the FCC Wireless Telecommunications Bureau and, posted in the following industry periodicals: Association of Public Safety Communications Officials, Inc. magazine, Firehouse.com and the New Orleans *Times Picayune*. The Associations notified were as follows:

LA Association of Public-Safety Communications Officials
Association of Public-Safety Communications Officials
LA National Emergency Number Association
Public Safety Wireless Network
Forestry-Conservation Communications Association
International Association of Chiefs of Police
International Bridge Turnpike & Tunnel Association
International Municipal Signal Association
International Association of Fire Chiefs
American National Red Cross
American College of Emergency Physicians
National Association of State EMS Directors
Federal Emergency Management Agency
US Conference of Mayors
National Public Safety Telecommunications Council
National Governors Association
National Volunteer Fire Council
Louisiana Public Safety Planning Advisory Committee
Bureau of Indian Affairs
700 MHz Region 40 – Texas (Central & Northeast)
700 MHz Region 51 – Texas (East)

All subsequent meetings were sent to FCC and issued as a Public Notice. Meeting Notices were also sent to all attendees of the previous meetings as well as the Association of Public Safety Communications Officials for publication. Notices were also sent to all Native American Tribes within Louisiana and to non-governmental organizations involved in support of

public safety. The meetings were publicized at meetings of the Louisiana Chapters of the Association of Public-Safety Communications Officials and the National Emergency Number Association.

2.3 Operations of the Regional Plan Committee

This committee will use *Simplified Parliamentary Procedures* to conduct meetings. This method allows for all members to have their voice heard. All decisions will be by clear consensus vote with each public safety agency in attendance having one (1) vote. Additional voting member considerations are listed in the Region 18 Bylaws, Appendix A. The meetings are open to all interested persons and public input time is provided for anyone to express a viewpoint or to have input to the regional planning process. Subcommittees may be formed as needed to work on specific issues. Any changes to the Regional Plan must be voted and approved by the full Regional Planning Committee. Participation in subcommittees is open to any member. The Chair of the Regional Planning Committee appoints each subcommittee Chair.

Regional Plan Administration

3.1 Region 18 Review Committee

Upon approval of this Plan by the FCC, a Region 18 Review Committee will be established as a subcommittee of the Region 18 Planning Committee from among its membership for the purposes of the initial review and processing of applications, for monitoring the implementation of those systems, for recommending modifications and amendments to the Plan, for performing any other duties assigned to it by the Plan, and for exercising general oversight of the Plan.

3.2 Procedure for Requesting Spectrum Allotments

A. Upon FCC approval of this Plan, Region 18 will announce to the Region that 700 MHz public safety channels are available in the Region and that channels have been assigned to pool allotments to parishes within the Region. All available methods will be used to notify public safety entities of channel availability in the Region. All requests will be considered on a first come, first served basis. Region 18 supports the National Coordination Committee Pre-Assignment Rules/Recommendations listed in Appendix F, and will use these guidelines as a template to determine if an application submitted to the Regional Planning Committee meets regional planning standards. All applications must include a certification by the consulting engineer or other qualified person that the system will be engineered, built, and installed to operate within the parameters of the accompanying application, and that the application meets all requirements and is in compliance with the Region 18 Plan. It is recommended that applicants familiarize themselves with these requirements prior to submitting applications for Region 18 700 MHz public safety system implementation.

   There shall be twelve filing windows per year corresponding to the calendar months. The first filing window shall be the first full calendar month after the date of FCC approval of this Plan. All applications received during the same calendar month shall be evaluated and prioritized together in accordance with the criteria outlined in Section 4.1.

   In general and unless otherwise noted, the Region 18 Regional Planning Committee will adhere to the published National Coordination Committee Implementation Guidelines for 700 MHz Public Safety Regional Planning Committees.

B. When applying for new 700 MHz channels, the Regional Planning Committee encourages applicants to relinquish an amount of currently used spectrum ("give back channels") and make that spectrum again available for use within the region. This currently licensed spectrum may be in any public safety band. Agencies with existing licensed 800 MHz systems that are requesting 700 MHz channels for integrated 700/800 system expansion will not fall under this

requirement. In such a combined system however, all channels, 700 MHz and 800 MHz, will be considered in determining loading requirements. An agency may retain channels that are used for paging, telemetry, microwave or other functions wherein the 700 MHz spectrum does not meet the agency's need.

When an applicant submits a request for 700 MHz spectrum, a "Give Back Plan" should accompany the application. This Plan should show what frequencies would be vacated, a time line for the transition and what channels are being retained. If an existing channel is being retained for interoperability purposes, please identify that channel in the "Give Back Plan".

Frequency "give back" requirements shall hold true for regional systems where system constituents maintain discrete licenses for their own internal operations. In this case, constituent political subdivisions or agencies are required to participate in the "give back" plan. Should a political subdivision or agency act as host of a regional system, both the host agency and the constituent agencies must participate in the "give back" plan.

Frequencies used for non-voice critical infrastructure support functions [Supervisory Control and Data Acquisition (SCADA) systems] as well as frequencies that are used for interoperability with other regional, state or national agencies that rely on one certain frequency band for emergency operations, such as, but not limited to "Fire Mutual Aid (154.280 MHz) VFIRE21", or the "National Law Enforcement Emergency Channel (155.475 MHz) VLAW31" may be exempted as candidates for "give back". Frequencies used by an applicant for such purposes, as well as the specific use and a network/ system diagram, must be specified in supportive documentation supplied with the application to enable the consideration of any possible exemption.

Operational Fixed, or any frequency or radio sub-system used for fixed mode of operations to support the operation of another radio system shall be considered part of the give back along with the fundamental system being returned for reallocation. "Microwave" radio frequencies, or systems licensed within the "Microwave Public Safety Pool" (Radio Service Code "MW") shall be exempt from this requirement.

C. To request channels from Region 18, a complete printed application package with original signatures plus one complete application package copy must be submitted to: Chair, Louisiana Public Safety Planning Advisory Committee, P.O. Box 3286, Lafayette, LA 70502 or 800 S. Buchanan Street, Parish Courthouse Basement, Lafayette, LA 70501. Applications will be considered received only at the time the printed original and printed copy is received. The applicant shall submit the application electronically to the CAPRAD database.

Exception to the requirement to submit the application to the CAPRAD database will be made by the Region if applicants have demonstrated a need for 700 MHz channels and cannot access the CAPRAD database.

The application must include:

- an FCC Form 601 or equivalent
- a description of the proposed system
- system implementation schedule
- loading plan
- a justification for the additional spectrum
- an interference prediction map using the current version of TIA/EIA TSB 88 guidelines
- maps showing all interference predicted in the proposed system
- documents indicating agency-funding commitments sufficient to fund the development of the proposed system(s)
- a list of 'give-back' channels if applicable.
- the certification required in 3.2 A.
- a statement notifying the Director of the Office of Homeland Security and Emergency Preparedness of the applicable parish(s) of the application.

With the submission of a showing proving, within the technical and administrative requirements of the Plan, that there are not sufficient state controlled frequencies (state license, applicable interoperability allocations, and secondary trunking) for use or reuse to build out the State of Louisiana 700 Mhz. system within a particular parish, and that use of the system without infrastructure cost or user fees has been offered to local subscribers belonging to eligible entities with daily operations within that parish, the State of Louisiana shall be eligible to apply for and be licensed for frequencies under this Plan, under the same conditions and requirements applicable to all other eligible entities.

D. The Region 18 Review Committee will review the application and, if approved, submit it through the CAPRAD database, to the applicant's preferred FCC-certified frequency coordinator for processing. This process meets the requirements of Rule 90.176 (c).

The CAPRAD database will reflect the approved application and place the channels for the proposed system in "pre-license" status.

E. Allocation Disputes: An agency may protest a proposed system within 30 calendar days of the original distribution. Protests will only be considered if the allocation does not conform to plan criteria or objecting agency or the Chairperson can show harmful interference is likely based on the information submitted by the agency requesting the new allocation. If an agency with pre-licensed/region approved co-channel or adjacent channel allocations objects to a proposed allocation due to concerns about potential interference, the objecting agency may request field tests be done to confirm or refute

interference potential. The completion of these field tests will be required for Regional application approval. Coverage area service/interference contours of the proposed system(s) should meet values designated in Section 6.1 of this document. Any costs associated with field tests or any other requirement to obtain Region 18 plan approval is the responsibility of the agency submitting application to Region 18.

The parties involved must resolve the allocation dispute and notify the Region Chair within 14 calendar days. If the parties involved cannot resolve the allocation dispute within that timeframe, then a special full Committee meeting will be scheduled to consider and vote on the protest. If approved, the application will be submitted through the CAPRAD database to the applicant's chosen FCC-certified frequency coordinator for processing.

Procedure for Frequency Coordination

3.3 Procedure for Frequency Coordination

Region 18 will adhere to the National Public Safety Telecommunications Council's (NPSTC) 700 MHz General Use channel sort as shown on the CAPRAD database for narrowband General Use channels. In the event that any parish frequency pool becomes inadequate, available channels from the pools(s) of adjoining parish(es) may be assigned if the technical requirements of this Plan and non-interference with other allocations within Region 18 and the adjoining regions can be maintained. Region 18 will participate in the CAPRAD database and keep the Regional Plan and current frequency allotment/allocation information on the database. If at any time a system is allocated channels within Region 18 and the system cannot be developed within the agreed upon guidelines (slow growth), the channels will be returned to the parish pool allotments they originated from and again be available to other agencies.

Allocation of Narrowband "General Use" Spectrum

3.4 Allocation of Narrowband "General Use" Spectrum

Region 18 will ensure that systems allocated 25 KHz channel blocks will utilize all of the channel and not "orphan" any portions of a system designated channel. (See Section 6.3)

Low Power Channels

3.5 Low Power Channels

A. The FCC in the 700 MHz band plan set aside channels 1 - 11 paired with 961 – 971 and 949 – 960 paired with 1909 – 1920 for low power use subject to Commission-approved Regional Planning Committee Regional Plans. Transmitter power must not exceed 2 watts (ERP).

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

Simplex operations may occur on either the base or mobile channels. Users are cautioned to coordinate on scene use among all agencies involved, particularly when the use of repeaterized modes is possible at or in proximity to a common incident. Users should license multiple channels and be prepared to operate on alternate channels at any given operational area.

B. In the implementation of 700 MHz public safety spectrum throughout Region 18, there may be opportunities for increased channel reuse when developing radio systems for "campus" type operations. Examples of those who may capitalize on this opportunity include hospitals, stadiums, or places of public gathering, public universities, transit systems and ports. These channels do not enjoy the benefits of parishwide channels in that they are not cleared for usage over a wide area. In many instances, facilities require a smaller or more specific geographical coverage area than assumed in the initial channel packing plan and may be able to be reused more efficiently. These "campus" type systems also, in many cases, require in-building or confined space/ tunnel radio coverage or communications along a linear pathway, such as a maintenance or right of way. Public safety channels can be allotted to this type operation in a region and can lead to effective system development, along with increased spectral efficiency, if power levels and Area of Protection (AOP) of the area are taken into account in system planning. These parameters must be established appropriate to the area of coverage. In order to facilitate this effective method of system implementation, channels may be identified in certain areas of Region 18 that may be utilized in a smaller service area. These channels are not eligible to be utilized throughout the parish and the following criteria must be adhered to when requesting channels from Region 18 for operations of this type:

The 50dBu service contour of the proposed system must not exceed an area more than 2 miles from the proposed service area. When this 2-mile distance extends to an adjacent region, the applicant must obtain concurrence from the adjacent region. Reduced external antenna height, along with reduced ERP, directional antennae, distributed antenna systems, radiating "leaky coax," are all tools that should be utilized in the development of these type systems. Region 18 will ensure the

development of these types of systems will in no way interfere with co-channel or adjacent channel users within Region 18 or Region 18's adjacent regions. The Chairperson, or a majority of the members of the region, has the authority to request and require engineering studies from the applicant that indicate no harmful interference will be introduced to any co-channel or adjacent channel existing user prior to application approval. For 25 kHz co-channel assignments, the 50dBu service contour of the proposed stations will be allowed to extend beyond the defined service area for a distance no greater than 2 miles. An adjacent/alternate 25 kHz channel shall be allowed to have its 60 dBµ (50,50) contour touch, but not overlap the 40dBµ service (50,50) contour of an adjacent/alternate system being protected. Evaluations should be made in both directions to ensure compliance. The approval of systems utilizing parish low power channels are subject to approval of the Regional Planning Committee.

Data

3.6 Mobile Data

Spectrum may be assigned for mobile data use in accordance with the FCC regulations in effect at the time the application is received.

Dispute Resolution – Intra-Regional

3.7 Dispute Resolution – Intra-Regional

In the event an agency disputes the implementation of this plan, the agency must notify the Chair of the dispute in writing. This section does not apply to protests over new spectrum allocations. 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 Region 18. 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 or Vice-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 from the dispute will be forwarded to the National Regional Planning Oversight Committee for review. As a last resort, the dispute will be forwarded to the Federal Communications Commission for final resolution.

4. Evaluation

4.1 In addition to assuring that every application meets the minimum requirements, each application will be evaluated and prioritized in accordance with a filing window concept in order to provide for evaluation of all applications for the available spectrum within the same time frame.

The application will be reviewed for completeness and compliance with the Plan. If it is not complete and/or does not comply with the Plan, the submitting person will be notified to correct, comply with requirements, provide any additional information required, etc., and to re-submit. Re-submitted applications do not retain their place in the processing line, and when received, will be considered as new applications.

There shall be twelve filing windows per year corresponding to the calendar months. The first filing window shall be the first full calendar month after the date of FCC approval of this Plan. All applications received during the same calendar month shall be evaluated and prioritized together in accordance with the following criteria:

In the event that spectrum allocation requests conflict and cannot all be accommodated, the following matrix will be used to determine priority for allotment. This matrix will only be used if two or more requests are received in the same filing window for the same channels. Otherwise, the first come first served procedure of Section 3.2 will be used.

- Priority is given to users fundamentally involved with the protection of Life and Property (15 points maximum)
- Priority is given to multi-agency systems that promote multi-agency, inter-discipline interoperable communications. These systems can be either a group of separate departments within a large agency or groups of agencies operating together under a large blanket agency, or a combination of both. (25 points maximum)
- Documentation of proposed funding to construct the system using these 700 MHz frequencies must be available and accompany the original spectrum request. (25 points maximum)
- The submission of some form of proof of financial commitment, accompanied by a RFP (Request for Proposal) outlining the design of the proposed system and detailing the development of the requested channels will be required to be submitted to the Regional Planning Committee prior to approval. (35 points maximum)

If there are more applicants than frequencies available for a given area, the above criteria will be used to grade each application. The application scoring the highest number of points will have priority.

Coordination with Adjacent Regions

5. 1 Coordination with Adjacent Regions

The regions adjacent to Region 18 are listed below:
Region 4, Arkansas
Region 23, Mississippi
Region 40, Texas (Central & Northeast)
Region 51, Texas – East

Region 18 has coordinated allotments with and received concurrence from all bordering Regions by providing copies of the Region 18 Plan (including channel allotments) to each adjacent Region by emailing a copy of the plan to the adjacent Region's Chairperson.

5. 2 Dispute Resolution Inter-Regional

Region 18 has negotiated inter-regional dispute resolution agreements with all four adjacent regions. Appendix H contains the signed Inter-Regional Dispute Resolution Agreements from each adjacent region.

System Design / Efficiency Requirements

Interference Protection

6.1 Interference Protection

The frequency allotment list will be based on an assumption that systems will be engineered on an interference limited basis, not a noise floor limited basis. Agencies are expected to design their systems for maximum signal levels within their coverage area and minimum levels in the coverage area of other co-channel users. Coverage area is normally the geographical boundaries of the agency(s) served plus a three to five 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 floor limited coverage. Region 18 complies with National Coordination Committee recommendations listed in Appendix K of the Regional Planning Committee Guidelines published by the National Coordination Committee (NCC).

Spectrum Efficiency Standards

6.2 Spectrum Efficiency Standards

Initial allotments will be made on the basis of 25 kHz channels. To maximize spectrum utilization, prudent engineering practices and receivers of the highest quality must be used in all 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 are under-constructed (ie; areas with the established service area having minimum signal strength below 40 dBu), or the systems utilize low quality receivers. The applicants implementation of prudent engineering practices will be encouraged by the Regional Planning Committee at all times.

It is the eventual goal of the FCC and the public safety community for radio equipment to meet the requirement of one voice channel per 6.25 KHz of spectrum. When applying for channels within Region 18, the applicants should acknowledge the deadline for converting all equipment to 6.25 kHz or 6.25 kHz equivalent technology is 12/31/2016. For narrowband mobile data requests, one mobile data channel will consist of two (2) 6.25 KHz channels/one (1) 12.5 KHz channel. Narrowband 6.25 KHz channels can be aggregated for data use to a maximum bandwidth of 25 KHz. As 6.25 KHz migration evolves, an agency that creates any "orphaned" 6.25 KHz channels should realize that these channels would be allocated to nearby agencies requesting channels to maintain consistent grouping and utilization of 25 KHz blocks within the Region. (See Section 6.3)

Region 18 encourages small agencies to partner with other agencies in multi-agency statewide or regional systems as they promote spectrum efficiency and both small and large agency capacity needs can be met. Loading criteria can also be achieved in multi-agency systems that will allow greater throughput for all agencies involved than that which could be achieved individually.

This Plan requires that entities with minimal requirements join together on a single system whenever feasible and that applicants participate cooperatively in larger, more efficient trunked systems whenever their needs can be met by such a system. Accordingly, applicants are encouraged to plan cooperative systems so as to minimize the total number of frequencies needed by all eligible public safety and special emergency entities in the area. Each applicant is required to submit complete justification for the system design and number of channels that they are requesting.

Entities desiring to operate in the 700 MHz public safety spectrum within Region 18 are encouraged to join the Louisiana 700 MHz P25 statewide system, or a regional system that is fully integrated into the Louisiana 700 MHz P25 statewide system (the system of systems concept). In any case, all subscriber units shall be fully interoperable in the Louisiana 700 MHz P25 statewide system in accordance with the State of Louisiana State Tactical Interoperability Communications Plan and the applicable regions' Tactical Interoperability Communications Plan.

The maximum number of channels that may be licensed to an applicant for conventional mode operation is six. Trunking is required for licensees requiring more that six 6.25 kHz; three 12.5 kHz channels; or two 25 kHz channels. Implementation of trunking is important not only to ensure that near-term use is accommodated, but also to provide for growth and to

preserve opportunities for other potential users. Exceptions will be considered by the Region 18 Review Committee and then the FCC upon request. Exceptions will be considered by the Region 18 Review Committee only when a substantial showing is made that alternative technology would be at least as efficient as trunking or that trunking will not meet operational requirements. Exceptions will not be granted routinely however, and convincing evidence why trunking is unacceptable must be presented in support of any request for exception.

6.3 Orphaned Channels

The narrowband pool allotments within Region 18 will have a channel bandwidth of 25 kHz. These 25 kHz allotments have been characterized as technology neutral and flexible enough to accommodate multiple technologies utilizing multiple bandwidths. If agencies choose a technology that requires less than 25 kHz channel bandwidth for their system, there is the potential for residual, orphaned channels of 6.25 kHz or 12.5 kHz bandwidth immediately adjacent to the assigned channel within a given parish area.

An orphaned channel may be used at another location within the parish area where it was originally approved, if it meets co and adjacent channel interference criteria. Region 18 will utilize “parish areas” as guidelines for channel implementation with the area of Region 18. The definition of “parish area” in this plan is the geographical/political boundaries of a given parish, plus a distance of up to 10 miles outside of the parish.

If the channel, or a portion of a channel, is being moved into a “parish area” that is within 30 miles of an adjacent Region, Region 18 will receive concurrence from the affected Region. By extending the “parish area” by a designated distance, it is anticipated this will increase the possibility that orphaned channel remainders will still be able to be utilized within the “parish area”, and reduce the potential for channel remainders to be forced to lay dormant. These movements will be documented on the CAPRAD database.

When in the best interest of public safety communications and efficient spectrum use within the Region, the Region 18 Review Committee shall have the authority to move orphaned channel allotments, and/or co-/adjacent-channel allotments affected by the movement of orphan channels, within its “parish areas”, which are defined above. This is to retain spectrum efficiency and/or minimize co-channel or adjacent channel interference between existing allotments within the Region utilizing disparate bandwidths and technologies.

System Implementation

6.4 System Implementation

All applicants are required to submit a system implementation schedule as a part of their application package.

Implementation of systems will adhere to guidelines in FCC rules. An Agency may file a request with the Regional Chairperson 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. If necessary, the Regional Chairperson will call a special meeting to determine if the allotment should be extended or if the agency should reapply to the committee for another allotment.

6.5 Loading

6.5.1 All applicants are required to submit a detailed loading plan as a part of their application package.

6.5.2 Loading Tables Voice Channels

EMERGENCY		NON-EMERGENCY	
CHANNELS	UNITS/CHANNEL	CHANNELS	UNITS/CHANNEL
1 - 5	70	1 - 5	80
6 - 10	75	6 - 10	90
11 - 15	80	11 - 15	105
16 - 20	85	16 - 20	120

Agencies requesting additional frequencies must show loading of 100 percent or greater on their existing system. Should a demand for frequencies exist after assignable frequencies become exhausted, any system having frequencies assigned under this Plan four or more years previously and not loaded to at least seventy percent will lose operating authority on several frequencies to bring the system into compliance with the 70 percent loading standard. Frequencies lost in this manner will be reallocated to other agencies to help satisfy the demand for additional frequencies.

6.5.3 Traffic Loading Study Voice or Data Systems

Justification for adding frequencies, or retaining existing frequencies, may be provided by a traffic loading study instead of loading by number of transmitters per channel. It will be the responsibility of the requesting agency to provide a verifiable study showing sufficient airtime usage to merit additional frequencies. A showing of airtime usage, excluding telephone interconnect air time, during the peak busy hour greater than 70 percent per channel on three consecutive days will be required to satisfy loading criteria.

Interoperability Channels

7. Interoperability Channels

7.1 Introduction

The ability for agencies to effectively respond to mutual aid requests directly depends on their ability to communicate with each other. Louisiana is subject to many natural disasters and contains regions and facilities which may be susceptible to a man-made disaster or weapons of mass destruction attack. Mutual aid should be encouraged among agencies. This Plan seeks to facilitate the communications necessary for effective mutual aid.

The administration of the 700 MHz interoperability channels is the responsibility of the State of Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP). If at any time both the State and the Region 18 Planning Committee agree to do so, then the Region 18 Planning Committee may assume this role and notify the FCC in writing of the change in administrative duties. See the NCC/NPSTC List of 700 MHz Interoperability Channels in Appendix E.

7.2 Tactical Channels

All mobile and portable units operating under this Plan and utilizing 700 MHz channels must be programmed for the interoperability channels as specified in the State of Louisiana GOHSEP Interoperable Channels and Talkgroups Policy as follows:

All 700 MHz radio subscriber units operating under the Louisiana State license or licensed under the Region 18 Plan are required to have the following 700 MHz. and 800 MHz. talkgroups/channels programmed:

To provide interoperability with public safety units from throughout the State and Nation, all such 700 MHz. subscriber radios shall be equipped to operate on all of the NPSPAC 800 MHz conventional mutual aid channels in analog mode as follows:

NATIONWIDE 800 MHz. BAND
PUBLIC SAFETY INTEROPERABILITY CHANNELS

DESIGNATOR (POST-REBANDING)	DESIGNATOR (PRE-REBANDING)	USE	MOBILE/PORTABLE TRANSMIT FREQUENCY	MOBILE/PORTABLE RECEIVE FREQUENCY	CTCSS (TONE SQUELCH) FREQUENCY
8CALL90	ICALL	CALLING, ESTABLISHING CONTACT ONLY IN REPEATER NETWORKS	821.0125 MHz.	866.0125 MHz.	156.7 Hz.
8TAC91	ITAC1	TACTICAL REPEATER	821.5125 MHz.	866.5125 MHz.	156.7 Hz.
8TAC92	ITAC2	TACTICAL REPEATER	822.0125 MHz.	867.0125 MHz.	156.7 Hz.
8TAC93	ITAC3	TACTICAL REPEATER	822.5125 MHz.	867.5125 MHz.	156.7 Hz.
8TAC94	ITAC4	TACTICAL REPEATER	823.0125 MHz.	868.0125 MHz.	156.7 Hz.
8CALL90D	ICALLD	CALLING, ESTABLISHING CONTACT ONLY IN SIMPLEX NETWORKS	866.0125 MHz.	866.0125 MHz.	156.7 Hz.
8TAC91D	ITAC1D	TACTICAL SIMPLEX	866.5125 MHz.	866.5125 MHz.	156.7 Hz.
8TAC92D	ITAC2D	TACTICAL SIMPLEX	867.0125 MHz.	867.0125 MHz.	156.7 Hz.
8TAC93D	ITAC3D	TACTICAL SIMPLEX	867.5125 MHz.	867.5125 MHz.	156.7 Hz.
8TAC94D	ITAC4D	TACTICAL SIMPLEX	868.0125 MHz.	868.0125 MHz.	156.7 Hz.

NOTE: POST-REBANDING FREQUENCIES ARE 15 MHz. LOWER THAN THOSE SHOWN.

All such 700 MHz. subscriber radios shall be equipped with the following talkgroups for operation in the statewide P25 700 MHz system:

*STATE-1
*STATE-2
*STATE-3
*STATE-4
*INTEROP-1
*INTEROP-2
*INTEROP-3
*INTEROP-4
*INTEROP-5
*INTEROP-6
*INTEROP-7
*INTEROP-8
*INTEROP-9
*INTEROP-10
*R1-COORDCALL
*R1-COORDTK-1
*R1-COORDTK-2
*R1-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R1-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R2-COORDCALL
*R2-COORDTK-1
*R2-COORDTK-2
*R2-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R2-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R3-COORDCALL
*R3-COORDTK-1
*R3-COORDTK-2
*R3-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R3-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R4-COORDCALL
*R4-COORDTK-1
*R4-COORDTK-2
*R4-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R4-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R5-COORDCALL
*R5-COORDTK-1
*R5-COORDTK-2
*R5-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R5-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R6-COORDCALL
*R6-COORDTK-1
*R6-COORDTK-2
*R6-BOLO (LAW ENFORCEMENT RADIOS ONLY)

*R6-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R7-COORDCALL
*R7-COORDTK-1
*R7-COORDTK-2
*R7-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R7-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R8-COORDCALL
*R8-COORDTK-1
*R8-COORDTK-2
*R8-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R8-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)
*R9-COORDCALL
*R9-COORDTK-1
*R9-COORDTK-2
*R9-BOLO (LAW ENFORCEMENT RADIOS ONLY)
*R9-TACTICAL (LAW ENFORCEMENT RADIOS ONLY)

In addition, all such 700 MHz. subscriber radios of agencies based in Region 1 only shall be equipped with the following talkgroups for operation in the statewide P25 700 MHz. system:

*JEFFERSON – 1
*JEFFERSON – 2
*JEFFERSON – 3
*JEFFERSON – 4
*ORLEANS – 1
*ORLEANS – 2
*ORLEANS – 3
*ORLEANS – 4
*PLAQUEMINES – 1
*PLAQUEMINES – 2
*PLAQUEMINES – 3
*PLAQUEMINES – 4
*ST. BERNARD – 1
*ST. BERNARD – 2
*ST. BERNARD – 3
*ST. BERNARD – 4

Those of agencies based in Region 2 only shall have:

*ASCENSION – 1
*ASCENSION – 2
*ASCENSION – 3
*ASCENSION – 4
*EAST BATON ROUGE – 1
*EAST BATON ROUGE – 2
*EAST BATON ROUGE – 3
*EAST BATON ROUGE – 4
*EAST FELICIANA – 1
*EAST FELICIANA – 2
*EAST FELICIANA – 3
*EAST FELICIANA – 4
*IBERVILLE – 1

*IBERVILLE – 2
*IBERVILLE – 3
*IBERVILLE – 4
*LIVINGSTON – 1
*LIVINGSTON – 2
*LIVINGSTON – 3
*LIVINGSTON – 4
*POINTE COUPEE – 1
*POINTE COUPEE – 2
*POINTE COUPEE – 3
*POINTE COUPEE – 4
*WEST BATON ROUGE – 1
*WEST BATON ROUGE – 2
*WEST BATON ROUGE – 3
*WEST BATON ROUGE – 4
*WEST FELICIANA – 1
*WEST FELICIANA – 2
*WEST FELICIANA – 3
*WEST FELICIANA – 4
Those of agencies based in Region 3 only shall have:
*ASSUMPTION – 1
*ASSUMPTION – 2
*ASSUMPTION – 3
*ASSUMPTION – 4
*LAFOURCHE – 1
*LAFOURCHE – 2
*LAFOURCHE – 3
*LAFOURCHE – 4
*ST. CHARLES – 1
*ST. CHARLES – 2
*ST. CHARLES – 3
*ST. CHARLES – 4
*ST. JAMES – 1
*ST. JAMES – 2
*ST. JAMES – 3
*ST. JAMES – 4
*ST. JOHN THE BAPTIST – 1
*ST. JOHN THE BAPTIST – 2
*ST. JOHN THE BAPTIST – 3
*ST. JOHN THE BAPTIST – 4
*TERREBONNE – 1
*TERREBONNE – 2
*TERREBONNE – 3
*TERREBONNE – 4
Those of agencies based in Region 4 only shall have:
*ACADIA – 1
*ACADIA – 2
*ACADIA – 3
*ACADIA – 4

*EVANGELINE – 1
*EVANGELINE – 2
*EVANGELINE – 3
*EVANGELINE – 4
*IBERIA – 1
*IBERIA – 2
*IBERIA – 3
*IBERIA – 4
*LAFAYETTE – 1
*LAFAYETTE – 2
*LAFAYETTE – 3
*LAFAYETTE – 4
*ST. LANDRY – 1
*ST. LANDRY – 2
*ST. LANDRY – 3
*ST. LANDRY – 4
*ST. MARTIN – 1
*ST. MARTIN – 2
*ST. MARTIN – 3
*ST. MARTIN – 4
*ST. MARY – 1
*ST. MARY – 2
*ST. MARY – 3
*ST. MARY – 4
*VERMILION – 1
*VERMILION – 2
*VERMILION – 3
*VERMILION - 4
Those of agencies based in Region 5 only shall have:
*ALLEN – 1
*ALLEN – 2
*ALLEN – 3
*ALLEN – 4
*BEAUREGARD – 1
*BEAUREGARD – 2
*BEAUREGARD – 3
*BEAUREGARD – 4
*CALCASIEU – 1
*CALCASIEU – 2
*CALCASIEU – 3
*CALCASIEU – 4
*CAMERON – 1
*CAMERON – 2
*CAMERON – 3
*CAMERON – 4
*JEFFERSON DAVIS – 1
*JEFFERSON DAVIS – 2
*JEFFERSON DAVIS – 3
*JEFFERSON DAVIS – 4

Those of agencies based in Region 6 only shall have:
*AVOYELLES – 1
*AVOYELLES – 2
*AVOYELLES – 3
*AVOYELLES – 4
*CATAHOULA – 1
*CATAHOULA – 2
*CATAHOULA – 3
*CATAHOULA – 4
*CONCORDIA – 1
*CONCORDIA – 2
*CONCORDIA – 3
*CONCORDIA – 4
*GRANT – 1
*GRANT – 2
*GRANT – 3
*GRANT – 4
*LA SALLE – 1
*LA SALLE – 2
*LA SALLE – 3
*LA SALLE – 4
*NATCHITCOHES – 1
*NATCHITCOHES – 2
*NATCHITCOHES – 3
*NATCHITCOHES – 4
*RAPIDES – 1
*RAPIDES – 2
*RAPIDES – 3
*RAPIDES – 4
*SABINE – 1
*SABINE – 2
*SABINE – 3
*SABINE – 4
*VERNON – 1
*VERNON – 2
*VERNON – 3
*VERNON – 4
*WINN – 1
*WINN – 2
*WINN – 3
*WINN – 4
Those of agencies based in Region 7 only shall have:
*BIENVILLE – 1
*BIENVILLE – 2
*BIENVILLE – 3
*BIENVILLE – 4
*BOSSIER – 1
*BOSSIER – 2
*BOSSIER – 3

*BOSSIER – 4
*CADDO – 1
*CADDO – 2
*CADDO – 3
*CADDO – 4
*CLAIBORNE – 1
*CLAIBORNE – 2
*CLAIBORNE – 3
*CLAIBORNE – 4
*DE SOTO – 1
*DE SOTO – 2
*DE SOTO – 3
*DE SOTO – 4
*RED RIVER – 1
*RED RIVER – 2
*RED RIVER – 3
*RED RIVER – 4
*WEBSTER – 1
*WEBSTER – 2
*WEBSTER – 3
*WEBSTER – 4
Those of agencies based in Region 8 only shall have:
*CALDWELL – 1
*CALDWELL – 2
*CALDWELL – 3
*CALDWELL – 4
*EAST CARROLL – 1
*EAST CARROLL – 2
*EAST CARROLL – 3
*EAST CARROLL – 4
*FRANKLIN – 1
*FRANKLIN – 2
*FRANKLIN – 3
*FRANKLIN – 4
*JACKSON – 1
*JACKSON – 2
*JACKSON – 3
*JACKSON – 4
*LINCOLN – 1
*LINCOLN – 2
*LINCOLN – 3
*LINCOLN – 4
*MADISON – 1
*MADISON – 2
*MADISON – 3
*MADISON – 4
*MOREHOUSE – 1
*MOREHOUSE – 2
*MOREHOUSE – 3

*MOREHOUSE – 4
*OUACHITA – 1
*OUACHITA – 2
*OUACHITA – 3
*OUACHITA – 4
*RICHLAND – 1
*RICHLAND – 2
*RICHLAND – 3
*RICHLAND – 4
*TENSAS – 1
*TENSAS – 2
*TENSAS – 3
*TENSAS – 4
*UNION – 1
*UNION – 2
*UNION – 3
*UNION – 4
*WEST CARROLL – 1
*WEST CARROLL – 2
*WEST CARROLL – 3
*WEST CARROLL – 4
Those of agencies based in Region 9 only shall have:
*ST. HELENA – 1
*ST. HELENA – 2
*ST. HELENA – 3
*ST. HELENA – 4
*ST. TAMMANY – 1
*ST. TAMMANY – 2
*ST. TAMMANY – 3
*ST. TAMMANY – 4
*TANGIPAHOA – 1
*TANGIPAHOA – 2
*TANGIPAHOA – 3
*TANGIPAHOA – 4
*WASHINGTON – 1
*WASHINGTON – 2
*WASHINGTON – 3
*WASHINGTON – 4

All such 700 MHz. subscriber radios shall also be equipped with the following channels for operation in both the conventional repeater mode or the direct (talkaround) mode using P25 digital modulation with a NAC of $293. These channels operate outside of the trunked system so they can be used in the direct mode for short range radio to radio anywhere or if the trunked system is down:

DESIGNATOR	MODE	USE
*NPSPAC-1	base/mobile mobile	Interoperability
*NPSPAC-2	base/mobile mobile	Interoperability
*NPSPAC-3	base/mobile mobile	Interoperability
*NPSPAC-4	base/mobile mobile	Interoperability
*NPSPAC-5	base/mobile mobile	Interoperability
*NPSPAC-6	base/mobile mobile	Interoperability
*NPSPAC-7	base/mobile mobile	Interoperability
*NPSPAC-8	base/mobile mobile	Interoperability

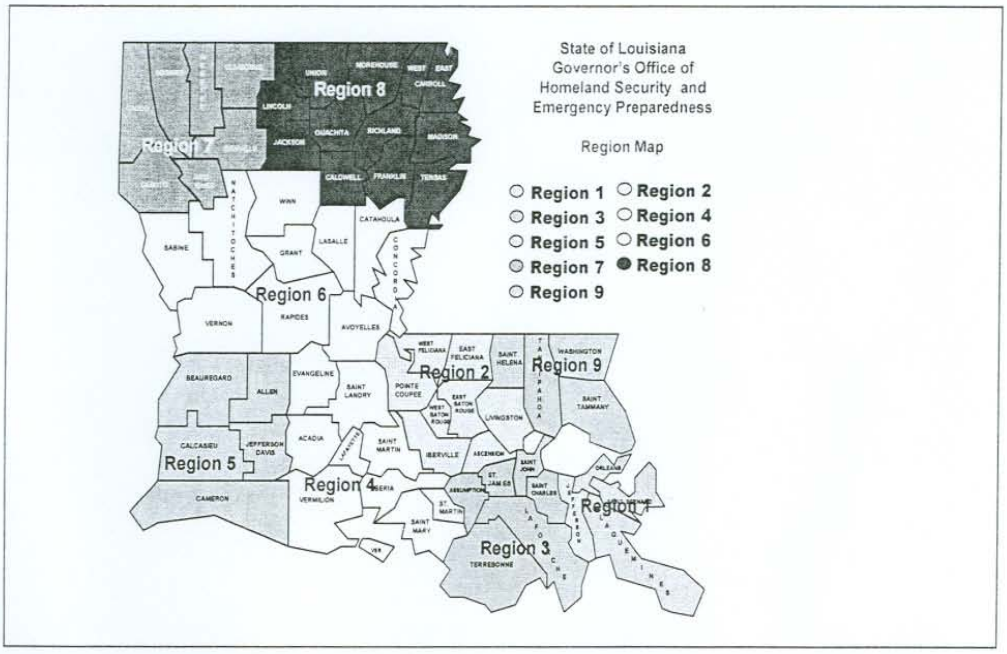

Figure 2.1.2-1: State of Louisiana Homeland Security Regions

The following table provides a list of the regions within the state and lists the jurisdictions included in each region:

Region 1	Region 2	Region 3
• Jefferson Parish • Orleans Parish • Plaquemines Parish • Saint Bernard Parish	• Ascension Parish • East Baton Rouge Parish • West Baton Rouge Parish • East Feliciana Parish • West Feliciana Parish • Iberville Parish • Livingston Parish • Point Coupee Parish	• Assumption Parish • Lafourche Parish • Saint Charles Parish • Saint James Parish • Saint John Parish • Terrebonne Parish

Region 4	Region 5	Region 6
• Acadia Parish • Evangeline Parish • Iberia Parish • Lafayette Parish • Saint Landry Parish • Saint Martin Parish • Saint Mary Parish • Vermillion Parish	• Allen Parish • Beauregard Parish • Calcasieu Parish • Cameron Parish • Jefferson Davis Parish	• Avoyelles Parish • Catahoula Parish • Concordia Parish • Grant Parish • LaSalle Parish • Natchitoches Parish • Rapides Parish • Sabine Parish • Vernon Parish • Winn Parish
Region 7	**Region 8**	**Region 9**
• Bienville Parish • Bossier Parish • Caddo Parish • Claiborne Parish • Desoto Parish • Red River Parish • Webster Parish	• Caldwell Parish • East Carroll Parish • West Carroll Parish • Franklin Parish • Jackson Parish • Lincoln Parish • Madison Parish • Morehouse Parish • Ouachita Parish • Richland Parish • Tensas Parish • Union Parish	• Saint Helena Parish • Saint Tammany Parish • Tangipahoa Parish • Washington Parish

Table 2.1.2: Regions/Jurisdictions

7.3 Deployable Systems

In this Plan, Region 18 strongly supports use of deployable systems, both conventional and trunked. Deployable systems are prepackaged systems that can deploy by ground or air to an incident to provide additional coverage and capacity on designated 700 MHz interoperability channels and/or agency specific channels. This will minimize the expense of installing extensive fixed infrastructure in areas while still providing mission critical functionalities as the Region recognizes the difficulty of providing complete coverage in all areas due to financial, demographic and geographical constraints.

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

7.4 Monitoring of Calling Channels

700 MHz licensees will be responsible for monitoring interoperable calling channels. GOHSEP may develop operational guidelines for this function.

7.5 Incident Command System Standard

Region 18 supports the NCC recommendations regarding the National Incident Management System (NIMS) and Incident Command System (ICS).

8. Future Planning

8.1 Database Maintenance

The CAPRAD pre-coordination database has developed channel allotments in each parish area within Louisiana using criteria such as current population, census data, height above average terrain (HAAT) and public safety use curves to provide spectrally efficient frequency allotments. Region 18 will continue to use the CAPRAD database.

8.2 Inter-Regional Dispute Resolution Process

In the event that a dispute arises between Region 18 and an adjacent region or regions regarding spectrum allocations or implementation which cannot be resolved within 60 days, the parties to the dispute will request a hearing by the National Plan Oversight Committee. (see Appendix H).

8.3 Amendment Process

Amendments to the Region 18 Plan will be made at Region 18 meetings. All amendments will be voted on and passed or rejected by a simple majority vote. The Chair or his designee will make the appropriate changes to the Plan and notify the adjacent regions for their concurrence. Following the adjacent Regions concurrence process, the Plan amendments will be filed by the Chair with the FCC for approval.

8.4 Meeting Announcements

Announcements of meetings of the Region 18 Planning Committee will be made per the Region 18 bylaws. Region 18 will utilize public notices issued by the FCC, email to all members, verbal announcements at meetings and/or appropriate publications.

Certification

I hereby certify that all Region 18 Planning Committee meetings, including subcommittee or executive committee meetings were open to the public.

William R. Vincent, Sr, Chair
Region 18

Appendices

Appendix A	**Bylaws**
Appendix B	**Region 18 Members Member List and Contact Information**
Appendix C	**Region 18 (Louisiana) Parishes**
Appendix D	**Meetings: List of Attendees, Public Notices, and Proceedings**
Appendix E	**700 MHz Interoperability Channel Nomenclature and Parameters**
Appendix F	**NCC 700 MHz Pre-Assignment Rules / Recommendations**
Appendix G	**Region 18 Channel Allotments**
Appendix H	**Inter-Regional Coordination Procedures and Dispute Resolution Agreements**
Appendix I	**Channel Numbers and Channel Center Frequencies Narrowband Segments of the 769-775 MHz and 799-805 MHz Bands**

APPENDIX A

THE BYLAWS OF THE REGION 18 700 MHz REGIONAL PLANNING COMMITTEE

NAME & PURPOSE

1.1 Name and purpose. The name of this Region shall be the Region 18 700 Mhz Regional Planning Committee. Its primary purpose is to foster cooperation, planning, development of regional plans and the implementation of these plans in the 700 MHz Public Safety Band.

MEMBERS

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

2.1 Number, Election and Qualification. The Regional Committee shall have two classes of members, "voting members" and "non-voting members." New members may be added at annual, special, or regular meetings.

Voting members. Voting members shall consist of one representative from any single agency engaged in public safety which is eligible to hold a license under 47 CFR 90.523 or 47 CFR 2.103 except that a single agency shall be allowed no more than one vote for each distinct eligibility category within the agency's organization or political jurisdiction. In voting on any issue, the individual must identify himself/herself and the agency and eligibility category which he or she represents. Voting members may not vote on issues involving their entity or in which they have a commercial interest.

Non-Voting members. Non-voting members are all others interested in furthering the goals of public safety communications

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

2.3 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.

2.4 Suspension and Removal. A member may be suspended or removed with cause by vote of a majority of members after reasonable notice and opportunity to be heard.

2.5 Resignation. A member may resign by delivering written notice to the Chairman of the Regional Committee or to a meeting of the members.

2.6 Meetings. Meetings of the members may be held at any time and at any place within Region 18 and/or by meetings teleconference (audio and/or video).

Meetings of the members may be called by the Chairman or by the Vice-Chairman, or in case of death, absence, incapacity, by any other officer or, upon written application of two or more members.

2.7 Call and Notice.

A. Meetings. Reasonable notice of the time and place of 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, or (ii) removal or suspension of a member who is an officer.

B. Reasonable and sufficient notice. Except as otherwise expressly provided, it shall be reasonable and sufficient notice to a member to send notice by mail at least five days, or by e-mail/facsimile at least three days before the meeting, addressed to such member at his or her usual last known business address, or, to give notice to such member in person or by telephone at least three days before the meeting.

2.9 Quorum. At any meeting of the members, at least one (1) of the officers elected and a minimum of at least three (3) voting members shall constitute a quorum. Any meeting may be adjourned to such date or dates not more than ninety days after the first session of the meeting by a majority of the votes cast upon the question, whether or not a quorum is present, and the meeting may be held as adjourned without further notice.

2.10 Action by Vote. Each voting member, representing a particular agency (one vote per agency) shall have one vote; non-voting members have no right to vote. When a quorum is present at any meeting, a majority of the votes properly cast by voting members present shall decide any question, including election to any office, unless otherwise provided by law or these bylaws.

2.11 Action by Writing. Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if 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.

2.12 Proxies. Voting members may vote either in person or by written proxy dated not more than one month before the meeting named therein, which proxies shall be filed before being noted with the Secretary or other person responsible for recording the proceedings of the meeting. Unless otherwise specifically limited by their terms, such proxies shall entitle the holders thereof to vote at any adjournment of the meeting. The proxy shall terminate after the final adjournment of such meeting.

OFFICERS AND AGENTS

3.1 Number and qualification. The officers of the Regional Committee shall be a Chairman, and may include a Vice Chairman, a Treasurer, and a Secretary if any, as

the voting members may determine. All officers must be voting members of the Regional Committee.

3.2 Election. The officers shall be elected by the voting members at the first meeting and, thereafter, at any meeting of the members.

3.3 Tenure. The officers shall hold office for a term of two years, or in each case until he or she sooner dies, resigns, is removed, or becomes disqualified.

3.4 Chairman and Vice-Chairman. The Chairman shall be the chief executive officer of the Regional Committee and, subject to the control of the voting members, shall have general charge and supervision of the affairs of the Regional Committee including the authority to represent the Regional Committee by approving, disapproving, and otherwise acting upon any business of the Regional Committee. The Chairman shall preside at all meetings of the Regional Committee. The Chairman may define standing or ad hoc committees to conduct Region business as needed.

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 the duties of the Chairman during the absence of the Chairman or in the event of his or her inability to act.

3.5 Treasurer. The Treasurer, if any, 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.

3.6 Secretary. The Secretary, if any, shall record and maintain records of all proceedings of the members in a file or series of files kept for that purpose, which file or files shall be kept within the Region and shall be open at all reasonable times to the inspection of any member. Such file or files shall also contain records of all meetings and the original, or attested copies, of bylaws and names of all members and the address (including e-mail addresses, 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.

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

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

3.9 Vacancies. If the office of any officer becomes vacant, the voting members may elect a successor. Each such successor shall hold office until his or her successor is

elected and qualified, or in each case until he or she sooner dies, resigns, is removed, or become disqualified

AMENDMENTS

4.1 These bylaws may be altered, amended or replaced in whole or in part by vote. The voting members may by a two-thirds vote, alter, amend, or repeal any bylaws adopted by the Regional Committee members.

DISSOLUTION

5.1 This Regional Committee may be dissolved by the consent of two-thirds plus one of the members in good standing at a special meeting called for such purpose. The FCC shall be notified.

RULES OF PROCEDURES

6.1 The Conduct of Regional Meetings including debate and voting shall be governed by *Simple Parliamentary Procedure*, Martha Nall, published by the University of Kentucky, College of Agriculture, Cooperative Extension Service, Publication #IP-15, Copyright 2000.

APPENDIX B

Region 18 700 MHz Planning Committee Members

NAME		AGENCY	ADDRESS	CITY	STATE	ZIP	PHONE
Anderson	Byron	Lafourche Sheriff	805 Crescent Av.	Lockport	LA	70374	985-532-4326
Armand	Cary	St. Charles Sheriff's Office	PO Box 426	Hahnville	LA	70057	985-960-2084
Babin	Patrick	Terrebonne Parish	PO Box 2768	Houma	LA	70361	985-783-0208
Becnel	Joann	Jefferson Parish Telecomm.	5698 Belle Terre Rd.	Marrero	LA	70072	504-349-5302
Beckendorf	Eddy	St. Charles Sheriff's Office	PO Box 426	Hahnville	LA	70057	985-783-2970
Belaire	Barbara	St. Martin Parish 911	PO Box 247	St. Martinville	LA	70582	337-394-3071
Bergeron	Brenda	Lafayette Police Department	900 E University Ave	Lafayette	LA	70501	337-291-8649
Blanchard	Johnny	IPSO	PO Box 231	Plaquemine	LA	70764	225-687-5100
Bolinger	Chuck	Franklin FD/St. Mary 911	512 First St.	Franklin	LA	70038	337-828-6328
Booth	Joey	LSP/LERC	PO Box 66614	Baton Rouge	LA	70896	225-925-6067
Borchers	Charles	St. Bernard Sheriff's Office	9000 W. St. Bernard	Chalmette	LA	70043	504-278-7628
Boudreaux	Pat	Terrebonne Parish	PO Box 2768	Houma	LA	70361	985-868-5050
Bourgeois	Lorn	Jefferson Parish SO	PO Box 327	Gretna	LA	70054	504-349-7454
Bowen	Bret	St. Bernard Sheriff's Office	9000 W Street Bernard Hwy Site 1	Chalmette	LA	70043	504-278-7742
Bowers	Curtis	Plaquemines Parish Sheriff's Office	8344 Hwy. 23	Belle Chasse	LA	70037	504-812-9305
Boyet	Michael	St. Tammany Parish Sheriff's Office	PO Box 1120	Covington	LA	70433	985-875-5197
Breland	Bill	West Monroe PD	2301 N 7th Street	West Monroe	LA	71291	318-396-2722
Broussard	Robert	Calcasieu 911	911 Hodges Street	Lake Charles	LA	70601	337-439-0811
Callahan	Gene	Terrebonne Parish	PO Box 2768	Houma	LA	70361	985-868-5050
Callahan	Joyce	St. Mary Parish 911	1200 David Dr. Bldg. B	Morgan City	LA	70380	985-385-3385
Carter	Martha	Caddo Parish 911	1144 Texas Ave.	Shreveport	LA	71101	318-675-2222
Carter	Willis	Shreveport Fire Department	263 N. Common	Shreveport	LA	71101	318-675-2200
Caruso	Peter	New Orleans PD	701 Rosedale	New Orleans	LA	70124	504-483-2550
Cassard	Chuck	Ascension Parish Sheriff Dept.	828 South Irma Blvd.	Gonzales	LA	70737	225-621-8312
Coleman	Jim	WPCD E-911	805 Pearl Street	Franklin	LA		985-839-5625
Daly	Wanda	Lafayette Parish Sheriff's Office	316 West Main St.	Lafayette	LA	70501	337-236-3972
Davidson	Tom	Tangipahoa Parish SO	15475 Club Deluxe Road	Hammond	LA	70404	985-902-2007
Decou	Brannon	Broussard Police Department	414 E. Main Street	Broussard	LA	70518	337-837-6259
Deroche	Eric	St. James 911	P O Box 106	Convent	LA	70723	225-562-2346
Diaz	Todd	LaFourche SO	805 Crescent Av.	Lockport	LA	70374	985-532-4323
Dill	Bud	Lafourche Parish Sheriff's Office	200 Canal Blvd.	Thibodaux	LA	70301	985-449-4420
Dufour	Larry	Lafayette Fire Department	300 E Vermilion	Lafayette	LA	70501	337-291-8715
Edge	Wes	Caddo Parish 911	1144 Texas Ave.	Shreveport	LA	71101	318-675-2222
Edwards	Sharlot	W.B.R. Parish 911	PO Box 757	Port Allen	LA	70767	225-346-1577
Ferrara	Paul	Jefferson Parish 911	5698 Belle Terre Rd.	Marrero	LA	70072	504-349-5300
Fos	Mark	East Jefferson Levee District	203 Plauche Court	Harahan	LA	70123	504-703-0077
Frederic	Vernon	E.B.R. SO	13016 Gurney Rd.	Baton Rouge	LA	70818	225-389-5084
Frick	Tom	La. Dept. of Public Safety	265 S. Foster Dr.	Baton Rouge	LA	70806	225-925-3711
Gilliam	Faye	Iberville Parish Council 911	PO Box 324	Plaquemine	LA	70764	225-687-5140
Giroir	Billie	West Feliciana Parish SO	4789 Prosperity	St. Francisville	LA	70775	225-784-3123
Glover	Woody	St. Tammany Parish 911	PO Box 628	Covington	LA	70434	985-898-4911
Gordon	Stephen	New Orleans PD 911	118 City Park Avenue	New Orleans	LA	70119	504-671-3964
Gremillion	Dick	Calcasieu Parish OEP	PO Drawer 3287	Lake Charles	LA	70601	337-437-3512
Gros	Keith	LaFourche SO	805 Crescent Av.	Lockport	LA	70374	985-532-4323
Hale	Robert	LSU Police	LSU Public Safety Bldg. S. Stadium Rd.	Baton Rouge	LA	70803	225-578-3231
Hamilton	David	Baton Rouge City Police	704 Mayflower Street, Baton Rouge PD HQ	Baton Rouge	LA	70802	225-389-5221
Harper	Ulinda	SIEC Support Staff	P.O. Box 44335	Baton Rouge	LA	70804-43335	225-342-2753

Hebert	Lee	Acadia Parish OHSEP	PO Box A	Crowley	LA	70527	337-783-4357
Hicks	John	Caddo Parish 911	1144 Texas Ave.	Shreveport	LA	71101	318-675-2222
Holley	James R.	La. Dept. of Public Safety	265 S. Foster Dr.	Baton Rouge	LA	70806	225-925-3711
Hopkins	Debra	East Carroll Parish 911/SO	405 Morgan	Lake Providence	LA		318-559-1911
Hughes	Ken	Jefferson Parish Sheriff's Office	1233 Westbank Exp, Ste. 406	Harvey	LA	70058	504-363-5577
Hymel	Francis	St. James OEP	PO Box 106	Convent	LA	70723	225-562-2310
Johnson	Stuart	E.B.R. Parish SO	13016 Gurney Rd.	Baton Rouge	LA	70818	225-389-5184
Jones	Frank	East Feliciana OHSEP	PO Box 1638	Clinton	LA	70722	225-683-1014
Jones	Vanessa	West Feliciana Parish SO	PO Drawer 1844	St. Francisville	LA	70775	225-784-3151
Kemp	Steven	E.B.R. SO	13016 Gurney Rd.	Baton Rouge	LA	70818	225-389-5000
King	Phil	New Orleans Comm. District	301 Broad St.	New Orleans	LA	70119	504-826-1200
Ladnier	Ralph	Baton Rouge 911	3773 Harding Blvd.	Baton Rouge	LA	70807	225-389-2911
Landry	Larry	St. Martin SO & St. Martin OHSEP	4870 Maine Hwy	St. Martinville	LA	70582	337-394-2812
Latiolais	Kory	St. Martin Parish 911	PO Box 247	St. Martinville	LA	70582	337-394-2551
Lavergne	Linda	Lafayette Parish Communication District	PO Box 82236	Lafayette	LA	70598	337-291-5060
Lebreton	Art	Lafayette Parish Sheriff's Office	316 West Main St.	Lafayette	LA	70501	337-236-5617
Lee	Wayne	St. Charles Sheriff's Office	PO Box 426 (15045 La Hwy 18)	Hahnville	LA	70057-0426	985-783-6237
Levy	Tom	NOFD	118 City Park Avenue	New Orleans	LA	70119	504-571-3943
Lott	Craig	Ouachita 911	PO Box 1010	West Monroe	LA	71292	318-387-2593
Love	Gerald	Jefferson Parish 911	5698 Belle Terre Rd.	Marrero	LA	70072	504-349-5327
Luker	David	E.B.R. SO	13016 Gurney Rd.	Baton Rouge	LA	70818	225-389-5184
Mackenroth	Teddy	Plaquemines Parish Gov't	108 Ave G	Belle Chasse	LA	70037	504-297-5466
Martin	Robin	Calcasieu Parish 911	911 Hodges Street	Lake Charles	LA	70601	337-439-9911
McFadden	Vernon	DPS	8001 Independence	Baton Rouge	LA	70806	225-925-6316
McGuire	Richard	Calcasieu Parish 911	PO Box 49	Lake Charles	LA	70601	337-439-0811
Meche	Thommy B.	La. Dept. of Public Safety	265 S. Foster Dr.	Baton Rouge	LA	70806	225-925-6393
Messer	Bobbie	E.B.R. Communication District	3773 Harding Blvd.	Baton Rouge	LA	70807	225-389-2911
Messer	Glen	W. Feliciana SO	PO Box 2727	St. Francisville	LA	70775	225-784-3136
Miller	Lloyd	Lake Charles FD	PO Box 1703	Lake Charles	LA	70601	337-491-1360
Milligan	Donald	Avoyelles Parish Sheriff Department	272 Industrial Blvd.	Mansura	LA	71350	318-259-9739
Mills	Christopher	SIEC-Baton Rouge	1800 3rd Street	Baton Rouge	LA	70804-43335	256-282-9818
Moreau	Jude	St. Landry Parish 911	1065 Hwy. 749 St. C	Opelousas	LA	70570	337-948-9079
Mouton	Todd	Lafayette Parish Sheriff's Office	Post Office Drawer 3508	Lafayette	LA	70502	337-236-3971
Murphy	Mike	Baton Rouge PD	704 Mayflower Street	Baton Rouge	LA	70802	225-389-5221
Musselman	Mike	St. George FD	3773 Harding Blvd.	Baton Rouge	LA	70807	225-389-2057
O'Bryan	Bobbie	Terrebonne Parish Communication	500 Hondruas St.	Houma	LA	70360	985-873-6371
Opperman	Patrick	EBR Sheriff	13016 Gurney Rd.	Baton Rouge	LA	70818	225-389-5184
Pagart	Gavin	East Jefferson Levee District	203 Plauche Court	Harahan	LA	70123	504-733-0077
Peck	Julio	La. Dept. of Public Safety	8001 Independence Blvd	Baton Rouge	LA	70806	225-936-6036
Perry	Brian	East Feliciana OHSEP	3845 Hwy 19	Baton Rouge	LA	70730	225-933-6297
Peterson	Rick	Lafayette Police Department	900 E University Ave	Lafayette	LA	70501	337-291-8600
Raborn	Wendell	Coushatta Indian Tribe	1940 C C Bel Rd.	Kinder	LA	70648	337-584-2261
Rathburn	Jerry	St. Bernard Sheriff's Office	PO Box 168	Chalmette	LA	70374	504-278-7676
Reeves	Tonya	CPSO	1144 Texas Ave.	Shreveport	LA	71101	318-675-2240
Ridgel	Tim	Tangipahoa Parish SO	PO Box 727	Amite	LA	70422	985-345-6150
Robichaux	Ron	Lafayette Parish Sheriff's Office	315 W Main Street	Lafayette	LA	70502	337-232-9211
Rogers	Glenn	Calcasieu Parish OEP	PO Drawer 3287	Lake Charles	LA	70601	337-437-3512
Sauter	Michael	New Orleans Police Department	715 S. Broad St.	New Orleans	LA	70119	504-382-2707
Schexnayder	Stacey	St. Martin Parish 911	400 St. Martin Street	St. Martinville	LA	70582	337-394-2800
Scott	Daniel J.	Region 3 SIEC Rep./Houma FD	600 Wood St.	Houma	LA	70360	985-873-6390
Selvaratnam	Jeya	La. Dept. of Public Safety	8001 Independence Blvd	Baton Rouge	LA	70815	225-925-6036
Sigur	Michael	City of Kenner PD	500 Veterans Blvd.	Kenner	LA	70062	504-712-2250

Silverman	Richard	Louisiana Department of Environmental Quality	PO Box 4304	Baton Rouge	LA	70821	225-219-3315
Stubbs	Olin	OHSEP East Feliciana	PO Box 1638	Clinton	LA	70722	985-892-7348
Summers	Anthony	W.B.R. OHSEP/911	PO Box 757	Port Allen	LA	70767	225-346-1577
Thomas	Joanna	WPCD E-911	57277 Royce Thomas				985-839-5625
Toujas, Jr.	Andre (Andy)	Jefferson Parish Telecom	5698 Belle Terre Rd.	Marrero	LA	70072	504-349-5306
Treadaway	Jim	N.O.P.D.	715 Broad St.	New Orleans	LA	70119	504-826-1488
Varnado	Jack	St. Tammany Parish 911	PO Box 628	Covington	LA	70434	985-898-4911
Vincent	Bill	Laf. Parish Comm. District	PO Box 82236	Lafayette	LA	70598	337-291-5060
Walsdorf	Jon	St. Charles Sheriff's Office	PO Box 426	Hahnville	LA	70057	985-783-0207
Wiley-Gremillion	Sonya	Rapides Parish 911-OHSEP-Reg 6	4216 Ellis Street	Alexandria	LA	71302	318-445-0186
Williamson	Billy	Iberville Parish SO	PO Box 231	Plaquemine	LA	70764	225-776-4111

APPENDIX C

List of parishes within Region 18

Acadia
Allen
Ascension
Assumption
Avoyelles
Beauregard
Bienville
Bossier
Caddo
Calcasieu
Caldwell
Cameron
Catahoula
Claiborne
Concordia
DeSoto
East Baton Rouge
East Carroll
East Feliciana
Evangeline
Franklin
Grant
Iberia
Iberville
Jackson
Jefferson
Jefferson Davis
Lafayette
Lafourche
LaSalle
Lincoln
Livingston
Madison
Morehouse
Natchitoches
Orleans
Ouachita
Plaquemines
Pointe Coupee
Rapides
Red River
Richland
Sabine
St. Bernard
St. Charles
St. Helena
St. James
St. John the Baptist
St. Landry
St. Martin
St. Mary
St. Tammany
Tangipahoa
Tensas
Terrebonne
Union
Vermilion
Vernon
Washington
Webster
West Baton Rouge
West Carroll
West Feliciana
Winn

APPENDIX D

List of Meetings and Attendees:

August 31, 2001 - New Orleans, LA
Attendees: Ken Hughes, Jefferson Parish Sheriff's Office; Lorn Bourgeois, JPSO; Bruce Develle, MS Benbow & Associates; Richard McDonald, Motorola; Jason Dufour, Iberville Parish Council; Faye Gilliam Iberville Parish Council 911; Mike Musselman, St. George FD – Baton Rouge/APCO AFC; Duane Johnson, New Orleans Police Department; Dennis Blackwell, Motorola; Bobbie Messer, East Baton Rouge 911; Glen Messer, West Feliciana Sheriff's Office; Julio Peck, DPS; Jeya Selvaratnam DPS; JoAnn Becnel, Jeff Parish Telecomm.; Leo Holzenthal, MS Benbow & Associates; Bill Vincent, Lafayette Parish Communication District; Lou Alesich, Motorola; Sharlot Edwards, West Baton-Rouge 911; Anthony Summers, West Baton-Rouge 911; Gerald Love, Jefferson Parish 911; Paul Ferrara, Jefferson Parish 911, Chief Chuck Bourgeois, Franklin Fire/St. Mary 911; Joyce Callahan, St. Mary 911; Michael Sigur, Kenner Police; Stuart Johnson, E. Baton Rouge Sheriff's Office; Dick Gremillion, Calcasieu Parish OEP; Robin Martin Calcasieu 911; Lloyd Miller, Lake Charles Fire Department; Perry Vincent, LA Radio Comm, Inc.

May 15, 2002 - Covington, LA
Attendees: Bill Vincent, Lafayette Parish Communication District; Stuart Johnson, East Baton Rouge Sheriff's Office; Jeya Selvaratnam DPS/LA; Tom Frick, DPS/LA; Mike Musselman, St. George Fire Dept.; Rick Williams, STSO; Anthony Summers, West Baton Rouge OEP/911; Nick Tusa, Tusa Consulting; Charlie Bohan, M/A Com

January 14, 2004 Baton Rouge, LA
Attendees: Bette Rinehart, Motorola; Robin Martin, Calcasieu 911; Richard McGuire, Calcasieu 911; Perry Vincent, LA Radio; David House, DH Marketing; Lloyd Miller, Lake Charles Fire Dept.; Dick Gremillion, Calcasieu OHSEP; Todd Diaz, Lafourche Sheriff's Office; Keith Gros, Lafourche Sheriff's Office; Glenn Rogers, Calcasieu OHSEP; Allen Gallagher, Hamilton Comm; Dale Landry, EMCO; Lou Alesich Motorola; Nick Tusa, Tusa Consulting; Gil Stock, Jr., Tusa Consulting; Stan Unruh, Motorola; James R. Holley, LA DPS; Mike Musselman, St. George FD/APCO; Jude Moreau, St. Landry Parish 911; Garrett Polo, MS Benbow & Associates; Richard McDonald, Motorola; Cyndi Wolfe, Motorola; Gerald Love, Jeff Parish; Ken Hughes, JPSO; JoAnn Becnel, J.P. Tele.; Pete Caruso, NO FD; Jim Treadway, NO PD, Jeya Selvaratnam, LA DPS; Rengith Thomas, MS Benbow & Associates; Vernon Frederic, East Baton Rouge Sheriff's Office; Steven Kemp, East Baton Rouge Sheriff's Office, Vernon McFadden, LA DPS; Bill Vincent, Lafayette Parish Communication District

March 18, 2004 - Baton Rouge, LA
Attendees: Stuart Johnson, East Baton Rouge Sheriff's Office; Steven Kemp, East Baton Rouge Sheriff's Office; Richard McGuire, Calcasieu 911; Lloyd Miller, Lake Charles Fire; Mike Boyet, St. Tammany Sheriff's Office; Richard Williams, St. Tammany Sheriff's Office; Charles Simoneaux, Mandeville PD; Lou Alesich, Motorola; John Hicks, Caddo Parish 911; Dale Landry, EMCO; Tom Frick, DPS; Vernon McFadden, DPS; Perry Vincent, Louisiana Radio Comm.; Gerald Love, Jeff Parish Communication

District; JoAnn Becnel, Jeff Parish Communication District; Rengith Thomas, MS Benbow & Associates; David House, DH Marketing; Wayne Narcisse, DPS; Glen Rogers, Calcasieu OHSEP; Scott Talbot, Service Communications; Cully Templeton, Service Communications; Jeya Selvaratnam, LA DPA; David DiPalma, EMCO; Stan Unruh, Motorola; Mike Musselman, St. George FD/APCO; Dennis Blackwell, Motorola; Anthony Summers, West Baton Rouge Parish; Matt Anderson, EVS; Bill Vincent, Lafayette Parish Communication District

April 27, 2006 - Baton Rouge, LA
Attendees: Lt. Todd Mouton, Lafayette Sheriff's Office; Julio Peck, LSP; Jeya Selvaratnam, LSP; Richard McGuire, Calcasieu Parish; Robin Martin, Calcasieu Parish; Michael Boyet, St. Tammany SO; Rick Williams, M/A Com; Dyle Cloy, Tri-Parish; Donald Milligan, Avoyelles 911; Rhett Westerman, Deep South Communications; John Hicks, Caddo Parish 911; Jon Walsdorf, St. Charles Sheriff's Office; Wayne Lee, St. Charles Sheriff's Office; Ken Hughes, JPSO; Gerald Love, Jeff Parish 911; Cary Armand, St. Charles Sheriff's Office; Curtis Bowers, Plaquemines Parish Sheriff; Ray Iyer, Motorola; Tom Davidson, Tangipahoa SO; Dale Landry, EMCO; Lou Alesich, Motorola; Anthony Summers, WBR Homeland Security/911; Bill Rains, EF Johnson; Dennis Blackwell, Motorola; Arman Anding, Motorola; Garrett Polo, MS Benbow; Cecile Henry, MS Benbow; Chuck Cassard, Ascension SO; Billy Williamson, Iberville SO; Mike Murphy, Baton Rouge PD; Robert Hale, LSU Police; Lee Hebert, Acadia Parish OHSEP; Steve McElroy; Data Radio Corp; Todd Diaz, Lafourche SO; Bud Dill, Lafourche SO; Bobbie Messer, EBR Communication District; Bette Rinehart, Motorola; Bill Vincent, Lafayette Parish Communication District; Mike Musselman, St. George FD/APCO

January 17, 2007 - Many, LA
Attendees: Dal Taylor, Webster Parish E911; RV Martin, Calcasieu 911; Ronnie Cotton, Livingston 911; Billy Adams, Bossier Parish 911; Tracey Hilburn, Bossier Parish 911; Fred McAnn, Bossier 911; Katie Zeringue, Lafourche 911; Theresa Webre, Lafourche 911; Dan Gilber, OPCD; Debra Hopkins, East Carroll 911; Jack Varnado, St. Tammany Parish; Don Smith, Bienville 911; Diane Townsend, Port Allen PD; Tammy Armand, EBR 911; Martha Carter, Caddo Parish 911; Sonya Wiley-Gremillion, Rapides Parish 911; Rebecca Williams, Shreveport SPD 911; Ralph Ladnier, EBRP; Dennis Darouse, Tangipahoa 911; Woody Glover, St. Tammany 911; Anthony Summer, WBR OHSEP 911; Bobbie O'Bryan, Terrebonne 911; Keith Davidson, Pointe Coupee; Rhett Westerman, Deep South Communications; Bill Breland, West Monroe PD; Jim Polk, St. Charles Parish OEP; Jim Coleman, Washington Parish E911; Joann Thomas, Washington Parish E911; James Anderson, Iberia Parish E-911; Michael Murphy, Baton Rouge PD; Perry Vincent, LA Radio Communication, Inc.; Chuck Cassard, Ascension Parish Sheriff Dept.; Cody Melancon, Ascension Parish SO; Bobbie Messer, EBR EMS & 911; Mike Musselman, St. George Fire Dept; Bill Vincent, Lafayette Parish Communication District

July 25, 2007 - Monroe, LA
Attendees: Vernon Frederic, EBRSO – Baton Rouge; David Luker, EBR Sheriff; Bette Rinehart, Motorola; Mike Musselman, St. George Fire Department; Michael Sigur, City of Kenner PD; Curtis Bowers, Plaquemines Parish SO; Ralph Ladnier, East Baton Rouge Parish; Vernon McFadden, DPS; Chuck Cassard, Ascension Sheriff Department; Robert Hale, LSU Police; Steve McElroy, Dataradio Comp; Mike Boyet, St. Tammany Sheriff

Office; Anthony Summers, WBR OHSEP/911; Michael Sauter, New Orleans Police Department; Martha Carter, Caddo Parish 911, Paul L. Ferrara Jr, Jefferson Parish Telecommunications; Andre (Andy) V. Toujas, Jr., Jefferson Parish Telecom; JoAnn Becnel, Jefferson Parish Telecom; Wes Edge, Caddo Parish 911; Jack Varnado, St. Tammany Parish 911, Christian Mills, SIEC- Baton Rouge; Ulinda Harper, SIEC Support Staff; Woody Glover, St. Tammany Parish 911; Willis Carter, Shreveport Fire Dept.; Barbara Belaire, St. Martin Parish 911; Kory Latiolais, St. Martin Parish 911; Allen Muse, AT&T Mobility; Bill Vincent, Lafayette Parish Communication District

September 19, 2007 - Kenner, LA
Bill Vincent, Lafayette OHSEP/9-1-1; Bette Rinehart, Motorola; Mike Murphy, Baton Rouge PD/SIEC Region 2; Ken Hughes, JPSO; Michael Sigur, Kenner PD; John Francis, MS Benbow; Curtis Bowers, Plaquemine Parish SO; Vernon Frederic, East Baton Rouge Sheriff's Office; David Luker, East Baton Rouge Sheriff's Office; Ronnie Ledet, MS Benbow and Associates; Christopher A. Mills, SIEC; Johnathon A. Walsdorf, St. Charles Sheriff Office; Armaan Anding, Motorola; Cary Armand, St. Charles Sheriff; Eddy Beckendorf, St. Charles Parish Sheriff's Office; Lou Alesich, Motorola; Rick Carter, Motorola; Richard McDonald, Motorola; David Hamilton, Baton Rouge City Police; Gerald Love, Jefferson Parish 911; Bret Bowen, St. Bernard Sheriff's Office; Jerry Rathburn, St. Bernard Sheriff's Office.

October 24, 2007 – Springfield, LA
Attendees: Bill Vincent, LPCD; Linda Lavergne, LPCD; Andre Toujas, Jr., Jeff Parish 911; Joann Becnel, Jeff Parish 911; Jerry Rathburn, St. Bernard SO; Rick Williams, Tyco Electronics; Michael Boyet, St. Tammany SO; Eddy Beckendorf, St. Charles SO/911; Tonya Reeves, CPSO; Bill Breland, West Monroe PD; Michael Musselman, St. George FD; Stephen J. Gordon, New Orleans PD; Charles Borchers, St. Bernard SO; Bret Bowen, St. Bernard SO; Sharlot Edwards, WBR 911/OHSEP; Anthony Summers, WBR Parish; Craig Lott, Ouachita 911; Bobbie Messer, EBR 911; Francis Hymel, St. James OEP; Gerald Love, Jefferson Parish 911; Patrick Opperman, EBR Sheriff; Bobbie Messer, EBR 911; Kory Latiolais, St. Martin 911; Stacey Schexnayder, St. Martin 911; Joanny Thomas, WPCD E-911; Jim Coleman, WPCD E-911; Robert Broussard, Calcasieu 911; Richard McGuire, Calcasieu 911; Lloyd Miller, Lake Charles Fire; Tom Levy, NOFD.

November 14, 2007 – Baton Rouge, LA
Attendees: Bette Rinehart, Motorola; Michael Boyt, St. Tammany SO; Rick Williams, M/A Com; Curtis Bowers, Plaquemines Parish SO; Ken Hughes, Jefferson Parish SO; Michael Murphy, Baton Rouge PD Region 2; Jerry Rathburn, St. Bernard SO; Gerald Love, Jefferson Parish CD; Andre V. Toujas, Jr., Jefferson Parish Office of Telecommunications; Andrea V. Toujas, Jr., Jefferson Parish Office of Telecommunications; Mike Musselman, St. George Fire Dept.; Charles Borchers, St. Bernard SO.

January 24, 2008 – Lafayette, LA
Attendees: Bill Vincent, Lafayette Parish Communication District; Olin Stubbs, OHSEP East Feliciana; Anthony Summers, West Baton Rouge OHSEP/911; JoAnn Becnel, J.P. Telecom; Paul Ferrara, J.P. Telecom; Andy Toujas, J.P. Telecom; Jude A. Moreau, St. Landry 911; Rick Carter, Motorola; Perry Vincent, LA Radio Comm.; Tom Levy,

NOFD; Bobbie Messer, EBR EMS; Mike Murphy, Baton Rouge PD; Brian Perry, East Feliciana OHSEP; Frank K. Jones, East Feliciana OHSEP; Julio Peck, DPS; Teddy Mackenroth, Plaquemines Parish Government; Curtis Bowers, Plaquemines Parish Sheriff; Bette Rinehart, Motorola; Lou Alesich, Motorola; Michael Boyet, St. Tammany S.O.; Steve McElroy, Dataradio Corp.; Stephen Gordon, New Orleans PD 911; Leo Holzenthal, Jr., MS Benbow & Associates; Michael Sauter, New Orleans Police Department; Michael Sigur, City of Kenner PD; Sonya Wiley-Gremillion, Rapides Parish 911-OHSEP-Reg. 6; Ken Hughes, Jefferson Parish Sheriff's Office; Jonathon Walsdorf, St. Charles Sheriff Office; Brian Anderson, Lafourche Sheriff; Todd Diaz; Lafourche Parish Sheriff's Office; Jerry Rathburn, St. Bernard S.O.; Larry Landry, St. Landry S.O. & OHSEP; Chuck Cassard, Ascension Sheriff; Jonny Blanchard, IPSO; WS Williamson, IPSO; Patrick B. Opperman, EBRSO; Eddy Beckendorf, St .Charles Parish Sheriff's Office; Cary Armand, St. Charles Sheriff's Office; Art Lebreton, Lafayette Parish Sheriff's Office; Wanda Daly, Lafayette Parish Sheriff's Office; Len Ford, Motorola; Brannon Decou, Broussard Police; Daniel J. Scott, Region 3 SIEC Rep/Houma Fire Dept.; Bobbie O'Bryan, Terrebonne Parish Communication Houma PD; Michael Musselman, St. George Fire Dept.; Wes Edge, Caddo 911.

Meeting Notices:

August 31, 2001 – New Orleans, LA

PUBLIC NOTICE

LOUISIANA PUBLIC SAFETY PLANNING COMMITTEE
(REGION 18) ANNOUNCES FIRST MEETING

In accordance with provisions contained in The Development of Operational, Technical and Spectrum Requirements for Meeting Federal, State and Local Public Safety Agency Communications Requirements for Priority Access Service, *First Report and Order* and *Third Notice of Proposed Rulemaking*, WT Docket No. 96-86, 14 FCC Rcd 152, 190 ¶ 77, the FCC has adopted a regional planning approach to spectrum management for specific channels through-out the 700 MHz band.

By this notice, the Region 18 (Louisiana) 700 MHz Public Safety Planning Committee announces that its first meeting will be held on August 31, 2001 at 10:00 a.m. at the New Orleans Marriott Hotel, Galerie 1, 555 Canal Street, New Orleans, Louisiana. The purpose of the meeting is to begin the formation of a coordinated regional plan for Region 18, Louisiana.

All parties having Public Safety interests within Region 18 are encouraged to attend. For further information, please contact:

William Vincent, Convener
Region 18, 700 MHz Public Safety Planning Committee
Lafayette Parish Communication District
P.O. Box 82236
Lafayette, Louisiana 70598
(337) 291-5060
lfteoc@att.net

May 15, 2002 – New Orleans, LA

REGION 18 700 MHz
PUBLIC SAFETY PLANNING COMMITTEE

MEETING NOTICE

The next meeting will be held at 10:00 a.m. on Wednesday, May 15th in the Oak Room at the Marriott Courtyard in Covington. The address is 101 Northpark Blvd. and the phone number is (985) 871-0244.

This meeting will be a vendor presentation by M/A-Com Wireless Systems.

No business will be conducted.

January 14, 2004 – Baton Rouge, LA

PUBLIC NOTICE

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

DA 03-3913
December 11, 2003

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

REGION 18 (LOUISIANA) 700 MHz
PUBLIC SAFETY PLANNING COMMITTEE
ANNOUNCES NEXT MEETING

The Region 18 (Louisiana) 700 MHz Public Safety Planning Committee announces that its next meeting will be held on January 14, 2004 at 10:30 a.m. at the Louisiana State Police Training Academy, Building A, 7901 Independence Boulevard, Baton Rouge, Louisiana.

The agenda for this meeting will include sub-committee planning time for the newly formed 4.9 GHz band, Implementation, Technical, and Interoperability sub-committees.

The Region 18 (Louisiana) 700 MHz Public Safety Planning Committee is open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in Region 18 would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of new public safety spectrum in the 700 MHz band, or the newly allocated 4.9 GHz band within Region 18 are encouraged to attend. For further information, please contact:

William R.Vincent, Sr. Chairman
Region 18, 700 MHz Public Safety Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
PH: (337) 291-5060
FAX: 337-291-5080
Email : lfteoc@att.net

-FCC –

March 18, 2004 – Baton Rouge, LA

PUBLIC NOTICE

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

DA 04-276
February 5, 2004

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

REGION 18 (LOUISIANA) 700 MHz
PUBLIC SAFETY PLANNING COMMITTEE
ANNOUNCES NEXT MEETING

The Region 18 (Louisiana) 700 MHz Public Safety Planning Committee announces that its next meeting will be held on Thursday, March 18, 2004 at 10:30 a.m. at the Louisiana State Police Data Center, 8001 Independence Boulevard, Baton Rouge, Louisiana.

The agenda for this meeting includes:

1. Discussion and development of first draft of Region 18 700 MHz Plan, and
2. Schedule next meeting.

The Region 18 (Louisiana) 700 MHz Public Safety Planning Committee is open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in Region 18 would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of new public safety spectrum in the 700 MHz band, or the newly allocated 4.9 GHz band within Region 18 are encouraged to attend. For further information, please contact:

William R. Vincent, Sr. Chairman
Region 18, 700 MHz Public Safety Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
PH: (337) 291-5060
FAX: 337-291-5080
Email : lfteoc@att.net

-FCC-

April 27, 2006 – Baton Rouge, LA

PUBLIC NOTICE

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

DA 06-578
March 14, 2006

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

REGION 18 (LOUISIANA) 700 MHz PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD MEETING

The Region 18 (Louisiana) 700 MHz Public Safety Regional Planning Committee will hold its next meeting on Thursday, April 27, 2006 at 10:30 a.m. at the Advanced Traffic Management Emergency Operations Center (ATM/EOC) building, 3773 Harding Blvd., Baton Rouge, Louisiana. The purpose of the meeting is to review and discuss the draft 700 MHz plan.

All Region 18 (Louisiana) 700 MHz Public Safety Region Planning Committee meetings are open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in Region 18 would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not conversant with telecommunications technology should ensure that their respective agencies are represented by suitably conversant staff.

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

William R. Vincent, Sr. Chairman
Region 18, 700 MHz Public Safety Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
PH: (337) 291-5060
FAX: (337) 291-5080
Email: lfteoc@att.net

-FCC-

PUBLIC NOTICE

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

DA 06-2457
December 1, 2006

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 18 (LOUISIANA) 700 MHz PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD 700 MHz PUBLIC SAFETY REGIONAL PLANNING MEETING

The Region 18 (Louisiana) 700 MHz Public Safety Regional Planning Committee will hold its next meeting on Wednesday, January 17, 2007, at 4:30 p.m. at the Cypress Bend Resort in The Learning Center, 2000 Cypress Bend Parkway, Many, Louisiana. The purpose of this meeting is to review and discuss the draft 700 MHz plan.

The Region 18 700 MHz Public Safety Regional Planning Committee is open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 18 may utilize these frequencies. It is essential that public safety agencies in all areas of government including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz band within Region 18 should plan to attend. For further information, please contact:

William R. Vincent, Sr. Chairman
Region 18, 700 MHz Public Safety Regional Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
(337) 291-5060
lfteoc@att.net

-FCC-

July 25, 2007 – Monroe, LA

PUBLIC NOTICE

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

DA 07-2335
June 5, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 18 (LOUISIANA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING

The Region 18 (Louisiana) Public Safety Regional Planning Committee will hold its next meeting on Wednesday, July 25, 2007, beginning at 9:00 a.m., at the Atrium Hotel and Conference Center, 2001 Louisville Avenue, Monroe, Louisiana. The purpose of this meeting is to adopt the by-laws of the 700 MHz Region 18 Planning Committee, and to review and approve the latest draft of the 700 MHz Region 18 plan.

The Region 18 700 MHz Public Safety Regional Planning Committee meeting is open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 18 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz band within Region 18 should plan to attend. For further information, please contact:

William R. Vincent, Sr. Chairman
Region 18 700 MHz Public Safety Regional Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
(337) 291-5060
eoc@lafayettegov.net

- FCC –

September 19, 2007 – Kenner, LA; October 24, 2007 – Springfield, LA; November 14, 2007 – Baton Rouge, LA

PUBLIC NOTICE

Federal Communications Commission
445 12th St., S.W.
Washington, D.C. 20554
DA 07-3625

August 15, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 18 (LOUISIANA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETINGS

The Region 18 (Louisiana) 700 MHz Public Safety Regional Planning Committee will hold its next meetings as follows:

Wednesday, September 19, 2007, beginning at 10:00 a.m., at the Kenner Police Department Auditorium, 500 Veterans Drive, Kenner, Louisiana

Wednesday, October 24, 2007, beginning at 9:00 a.m., at the Carter Plantation, 23475 Carter Trace, Springfield, Louisiana

Wednesday, November 14, 2007, beginning at 10:00 a.m., at the State Claiborne Building, 1-155 North Dakota Room, 1201 North 3rd Street, Baton Rouge, Louisiana

The purpose of the meetings will be to review, discuss, and approve the latest draft of the 700 MHz Region 18 plan.

The Region 18 700 MHz Public Safety Regional Planning Committee meeting is open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 18 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz band within Region 18 should plan to attend. For further information, please contact:

William R. Vincent, Sr. Chairman
Region 18 700 MHz Public Safety Regional Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
(337) 291-5060
eoc@lafayettegov.net

-FCC-

PUBLIC NOTICE

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

DA 07-4928
December 10, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 18 (LOUISIANA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING

The Region 18 (Louisiana) Public Safety Regional Planning Committee will hold its next meeting on Thursday, January 24, 2008, beginning at 1:30 p.m. at the City Council Briefing Room, 705 W. University Avenue, Lafayette, Louisiana. The purpose of this meeting is to approve the final draft of the 700 MHz Region 18 plan.

The Region 18 700 MHz Public Safety Regional Planning Committee meeting is open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 18 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz band within Region 18 should plan to attend. For further information, please contact:

William R. Vincent, Sr. Chairman
Region 18 700 MHz Public Safety Regional Planning Committee
Louisiana Public Safety Planning Advisory Committee
P.O. Box 82236
Lafayette, Louisiana 70598
(337) 291-5060
eoc@lafayettegov.net

- FCC -

Region 18 Meeting Proceedings:

August 31, 2001 – New Orleans, LA

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
AUGUST 31, 2001
NEW ORLEANS, LOUISIANA

The Convenor, William Vincent called the meeting to order at 10:00 a.m. at the New Orleans Marriott Hotel and welcomed all attendees.

Mr. Vincent gave a briefing on the applicable FCC orders and the procedures applicable to 700 MHz. regional planning.

Following discussion by unanimous agreement, William Vincent was elected as Chair, and Michael Sigur was elected Vice Chair of the Region 18 700 MHz. Planning Committee.

It was discussed and agreed that time was needed to get additional guidance on the requirements of the Plan, and that it would be desirable to wait for a FCC accepted plan from another region to use as a model before doing detail work. Therefore, it was agreed that the Chair would monitor the situation accordingly and that actual plan drafting would not occur until then.

There being no further business, the meeting was adjourned.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
MAY 15, 2002
COVINGTON, LOUISIANA

Region 18 Planning Committee Chair, William Vincent called the meeting to order at 10:00 a.m. at the Marriott Courtyard in Covington.

Mr. Vincent then introduced representatives of M/A Com who then gave a presentation on the 700 MHz band equipment and systems being planned by M/A-Com.

Since, this meeting was called solely for this presentation, no business was conducted. The meeting was adjourned following the presentation.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
JANUARY 14, 2004
BATON ROUGE, LOUISIANA

Chair William Vincent called the meeting to order at 10:30 a.m. at the Louisiana State Police Training Academy in Baton Rouge.

Mr. Vincent gave an update on the status of the 700 regional plans in other regions.

This was followed by a discussion of the newly formed 4.9 GHz. and the role of the RPC in this band.

Discussion was held on the best process for actual drafting of the plan, and whether to have various sub committees write different sections.

It was agreed that the desired procedure was for the Chair to write drafts which would be updated and reviewed by the full membership.

There being no further business, the meeting was adjourned.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
MARCH 18, 2004
BATON ROUGE, LOUISIANA

Chair William Vincent called the meeting to order at 10:30 a.m. at the Louisiana State Police Training Academy in Baton Rouge.

There was detailed discussion of the planning elements and input was received on issues related to development of the 700 Plan.

It was agreed that plan language drafting should not be done until the process was further along nationwide and that we had several FCC accepted plans to use as models.

There being no further business, the meeting was adjourned.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
APRIL 27, 2006
BATON ROUGE, LOUISIANA

At 10:40 a.m., the meeting was called to order by William Vincent, Chair.

The Chair welcomed all attendees and gave an overview presentation of the 700 MHz spectrum allocation, a brief history of the activities of the Region 18 RPC to date, and briefed the attendees regarding CAPRAD.

The Chair then introduced Bette Rinehart with Motorola who gave a power point presentation of the current state of 700 MHz regional planning requirements and activities.

20 copies of the first draft (04/27/06) of the plan were handed out to those in attendance. The Chair went through and pointed out the various sections of the draft and everyone was asked to look at the first draft and either send any comments to the chair via email, and/or bring them up at the next meeting.

Ken Hughes with the Jefferson Parish Sheriff's Office brought up the question of how those agencies that have 700 MHz STA's will be handled. The Chair replied that there was nothing in the first draft regarding this issue.

Mike Musselman then briefed the attendees on the yahoo web page that he had set up that can be used by the Committee – usage to be determined.

There being no further business, the meeting was adjourned.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
JANUARY 17, 2007
MANY, LOUISIANA

The meeting was called to order by William Vincent, Chair.

The Chair welcomed all attendees and gave an overview of the activities of the Region 18 Planning Committee is and the background of the formation of this committee. The Chair also discussed the purpose of the Region 18 700 Plan.

The Chair briefed the attendees on the ICALL/ITAC Mutual Aid Interoperable System in the State of Louisiana. The Chair stated that during Hurricane Katrina this was one of the only public safety communications systems up and running in the Metro New Orleans/Jefferson area for a time that provided interoperability to the first responders on some level.

The Chair discussed the 700 MHz spectrum. He stated that putting together a 700 MHz regional plan is the purpose of today's meeting. This meeting is a part of due diligence of the public/peer input that is required in order to write this plan.

Copies of the 01/17/07 draft of the Region 18 700 Plan were handed out to those in attendance. Discussion followed regarding the changes made in this draft versus the previous draft.

The Chair state that he did receive some feedback on the first draft of the Region 18 700 plan. Since the first draft, a reverse frequency listing has been added thanks to Tom Davidson. There was some other input on some of the background administrative information that has been incorporated. The Chair informed the attendees that he and Mike Musselman are continuing to work on this plan. A few 700 plans from other states have now been accepted by the FCC so they now have other plans to refer to as a guideline.

The Chair discussed the Access Spectrum proposal, broadband capability, due diligence items that need to be done in order to be able to file the 700 plan with the FCC and 700 STA's.

The Chair concluded his presentation of the 700 MHz Region 18 Plan. He asked that if anyone had any input or wanted to help with the plan to get in touch with him. The Chair informed the attendees that the FCC deadline to file this plan is February of 2009.

The Chair turned the meeting over to Mike Murphy to report on Louisiana SIEC 700 MHz trunked system.

Mr. Murphy discussed the SIEC and funding of the 700 system. He informed the attendees that 352 million dollars is the estimate as of today to do the entire state infrastructure and subscriber units. This dollar amount will probably go up in time. Mr.

Murphy continued to discuss the status and goals of the 700 MHz system and the activities of the SIEC. He invited all attendees to attend and participate in the SIEC meetings.

A general discussion of funding of the 700 system was held.

There being no further business, the meeting was adjourned.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
JULY 25, 2007
MONROE, LOUISIANA

Meeting Called to Order at 09:02 by Bill Vincent, Chairman of the Region 18 700 MHz Public Safety Planning Committee. He invited those members in attendance to pick up a copy of the Region 18 700 MHz Plan, in its' current form, which were placed on the front table in the meeting room. He advised that he did not have enough copies for everyone present due to the size of the plan documents, and requested that people share. If an electronic copy of the draft plan is desired, send an e-mail to Bill at eoc@lafayettegov.net, and an electronic copy to you.

A second document on the table was a copy of an e-mail from Bill to the State of Louisiana SIEC Staff, notifying them that the official names of our 'mutual- aid / interoperability' channels are changing, in accordance with the new national standards. Bill requested assistance from the SIEC in educating all of the 700 & 800 MHz users of the new channel names. Years ago, the National Coordinating Committee (NCC) made the name changing recommendations to the FCC, but no action was taken. Recently, the National Public Safety Telecommunications Council (NPSTC) reinstituted this push to rename the interoperability channels. This new channel naming plan would work nationwide, across all bands, in all radios.

Since all agencies have to deal with rebanding (in 800 MHz), Bill suggested that the renaming of the mutual aid / interoperability channels take place when each radio has to be touched for rebanding. A question was posed from Martha Carter (paraphrased): "Has this been officially pronounced by the FCC"? Bill advised that the FCC was not going to have "channel naming" as part of the rules. He stated that it was being left up to the public safety community on how to name these channels. NPSTC has made a recommendation to the community & FCC of what they would like for the mutual aid / interoperability channels to be called.

A third document on the table listed all of the different mutual aid channels, including VCALL, VTAC, UCALL, UTAC, etc. All of these channels are being renamed as well.

Members of the 700 MHz SIEC who are present this morning are asked to make sure that all 700 MHz radios are being issued with the 800 MHz mutual aid / interoperability channels programmed in them as well.

A brief overview of the 700 plan as envisioned by the FCC consisted of three blocks: The state license block (SIEC), the interoperability block (also under the control of the state), and the third block is the "General" block, which is under the control of this RPC (Regional Planning Committee). The FCC requires that a "Plan" be completed by each RPC, which must then be approved by the FCC before any frequencies listed in the plan can be utilized.

Numerous guidelines and requirements are the responsibility of each RPC to complete. This is not informal. Plenty of advance notice of each meeting (required), along with lots of public input are encouraged. Outreach to all small minority groups such as Indian tribes are required.

The copies of the draft plan presented today include all changes and/or additions that have been made since the last meeting in January of this year. Some of the changes made were to include a set of bylaws. The interoperability section has been cleaned up. None of the technical parameters already in the plan have been changed. A listing of the channels assigned by parish is shown as well as a listing of each frequency and which parishes are assigned to it.

There are not enough channels available in the state license to completely build out the state system, which will likely include many local agencies. Additional frequencies for the state license will have to come from the Region 18 RPC under certain rules and conditions (to be determined).

Discussion: Smaller villages, towns, cities, etc. may likely be asked to join the state system unless they would be a part of a larger local system with many channels already in use (spectrum efficiency).

Bill asked for a sub-committee to come up with draft language (by the next meeting) for when the State can use Region 18 frequencies to fulfill it operational needs. Kenneth Hughes agreed to be on the sub-committee. Somebody from Louisiana State Police needs to be on the sub-committee.

The floor was opened up for discussion and questions. The question of "frequency give backs" was discussed.

Bill advised that he believes we are about 70% complete with the Plan. His goal is to have the Plan at the FCC by early 2008 (one year ahead of schedule). The next meeting will be in the New Orleans area. All people attending this meeting will be notified of the next meeting via e-mail.

Bette Reinhart advised that before the Plan can be submitted to the FCC, it must go to all of the adjacent regions for their approval, which may or may not take a lot of time, depending on how active these regions are. An "Inter-Regional Resolution Dispute Agreement" must also be completed between the regions. She advised that once the plan goes to the Commission, it is reviewed for its' completeness and accuracy. If everything is in order, then the plan is placed on a "Public Notice" for 30 days for comments, followed by a 15 day period for reply comments.

The question was asked to try and expedite some of these RPC meetings. Bill advised this was okay, but there must be at least a 45 day notice before each meeting per the FCC. He asked that we get the plan right and not try to hurry it through. Concern was expressed about the continuing use of STA's for the existing systems.

A motion was made by Ken Hughes that public notices be sent out for meetings for the next several months (September, October, November,), so that we could get to a final plan. Seconded by Bobbie Messer. Motion carried.

The next meeting is to be held at the Kenner Police Department, 500 Veterans Blvd, Kenner, Louisiana. Date and Time to be announced.

The meeting concluded at 10:03.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
SEPTEMBER 19, 2007
KENNER, LOUISIANA

The meeting was called to order by William Vincent, Chair.

The Chair called upon Bette Reinhart for a briefing on the FCC's Second Report & Order recently released, and its impact on existing 700 MHz. systems within Louisiana, and on the preparation of the Region 18 Plan.

The following is a summary of her report:

The FCC released the text of its "Second Report & Order" detailing its decisions impacting the Upper and Lower 700 MHz bands in early August. This "Communicator" will provide a detailed summary of the decisions impacting Public Safety regional planning and deployment in the 700 MHz bands.

The main elements of the FCC's decision include:

- The bottom portion (5+5 MHz) of the band (763-768/793-798 MHz) has been re-designated as broadband spectrum
    - Located adjacent to the Upper 700 MHz D Block CMRS License to accommodate a nationwide, interoperable broadband communications network
    - The public safety broadband spectrum will be licensed to a single public safety entity (the Public Safety Broadband Licensee) under a nationwide authorization
- A reconfiguration of the public safety allocation to consolidate the narrowband spectrum (6+6 MHz) and relocate it to 769-775/799-805 MHz
- The Upper 700 MHz CMRS D Block Licensee must pay the relocation costs of incumbent 700 MHz narrowband licensees
    - Reimbursement applies only to that equipment which is deployed as of August 30, 2007
- Deployment under the old band plan is not permitted after August 30, 2007
    - Licensees **who are in the midst of a system deployment under the old band plan that will require longer than August 30, 2007** must file a Request for Waiver to continue fielding equipment under the old band plan
    - This is the process to follow:
        - As soon as possible, send a brief email to Dana Shaffer, Deputy Bureau Chief of the PSHSB (dana.shaffer@fcc.gov) and Jeff Cohen, Senior Legal Counsel of the PSHSB (jeff.cohen@fcc.gov), with a copy to Derek Poarch (derek.poarch@fcc.gov).
        - The email should explain that you are in the midst of implementing a 700 MHz narrowband system, why you need to complete the build out on the original channel plan without interruption, and that

you plan to file a Petition for Waiver of the August 30, 2007 deadline.

- The email must include particulars about the system and where it is in the deployment process.
    - How many sites and/or base stations, mobiles and portables and vehicular repeaters have been deployed by 8/30/07
    - How many are left to deploy
    - The timeframe for the remaining deployment
    - How many radios have been programmed on specific 700 MHz original plan frequencies but not yet deployed into the field
- Follow up the email with a phone call to Dana Shaffer (202-418-0832) this week. After 9/3/07, call Jeff Cohen (202-418-0799) to discuss the situation and explain the impact of having to stop deployment if a waiver is not granted, why the system must continue deployment without interruption and solicit Dana/Jeff's support for the waiver.
- Complete and file a Petition for Waiver of the August 30, 2007 deadline, detailing the system buildout, the need to continue buildout without interruption, etc. In the waiver request use the information included in the "heads up" email as well as any other information that the FCC may have asked for during the follow up phone call. Any information included in a waiver becomes public once it's filed so don't include any confidential information.
    - File the waiver electronically (convert the document to PDF format before filing) http://www.fcc.gov/cgb/ecfs/
    - Email a copy of the waiver to Derek Poarch, Dana Shaffer and Jeff Cohen (email addresses given above)

- If you've already filed a waiver of the August 30, 2007 deadline, contact Dana Shaffer or Jeff Cohen to let them know that a waiver is pending and ask that it be given expedited review

- An internal guard band (768-769/798-799 MHz) has been established to minimize interference between broadband and narrowband public safety operations
- The D Block Licensee and the Public Safety Broadband Licensee must negotiate a Network Sharing Agreement (NSA) detailing the technical specifications of the network and the obligations of each party.
- The D Block licensee must meet the following benchmarks beginning on February 17, 2009:
    - 1) By the end of the 4th year (2/17/2013) provide signal coverage and offer service to at least 75% of the population of the D Block license area
    - 2) By the end of the 7th year (2/17/2016) provide signal coverage and offer service to at least 95% of the population of the D Block license area
    - 3) By the end of the 10th (2/17/2019) year provide signal coverage and offer service to at least 99.3% of the population of the D Block license area
- No public safety entity will be required to use the public safety broadband network

- Local broadband operations outside the PSBL network are permitted under certain limited circumstances
- Wideband operations will be permitted only under a waiver

Important Dates

August 24, 2007	2nd Report & Order published in Federal Register
August 30, 2007	Deployment under the original 700 MHz band plan prohibited
	Deployment under the new band plan OK
	Any equipment deployed as of this date eligible for reimbursement of relocation costs
September 10, 2007	FCC must release a Public Notice soliciting applications for the Public Safety Broadband Licensee
October 23, 2007	Incumbent 700 MHz licensees must provide FCC with a certification related to the amount of equipment operating on 764-766/794-796 MHz and 776/806 MHz
	Effective date of new rules
November 23, 2007	All granted and pending 700 MHz Regional Plans must be amended to comply with the new rules
January 28, 2008	Upper 700 MHz Auction (includes D Block License)
February 17, 2009	700 MHz narrowband relocation complete

Narrowband Consolidation Issues

- Narrowband allocation has been consolidated in the upper 1 MHz of TV Channel 63/68 and the lower 5 MHz of TV Channels 64/69 (769-795 MHz/799-805 MHz)
    - Provides a contiguous 5+5 MHz spectrum block at the bottom of the public safety allocation directly adjacent to the Upper 700 MHz D Block Licensee facilitating deployment of a nationwide broadband network to be shared by Commercial users and public safety
    - Separates narrowband operations from broadband operations to limit the potential for interference
    - Limits the required number of internal guard bands
- Incumbent public safety systems operating under the old band plan on frequencies that have been re-designated for broadband use (764-766/794-796 MHz) must re-tune their equipment to comply with the new band plan
- 700 MHz narrowband re-tuning must be completed by February 17, 2009
    - Coincides with DTV transition deadline
    - D Block Licensee and Public Safety Broadband Licensee can devote energies towards deployment of the broadband network on unencumbered spectrum
- Upper 700 MHz D Block CMRS licensee must pay for incumbent narrowband public safety relocation to comply with new band plan
- All public safety equipment in operation as of August 30, 2007 is eligible for reimbursement
- October 23, 2007 – incumbent public safety agencies must provide the following information to the FCC in the form of a certification, signed by an authorized party:
    - Number of narrowband mobiles and portables in operation as of August 30, 2007 on Channels 63/68 and the upper 1 MHz of 64/69
    - Area of operation of the mobiles/portables
    - Total number of base stations in operation as of August 30, 2007 serving these handsets
    - Location (latitude/longitude) of the base stations
    - Contact information for each set of mobiles/portables/base stations identified
    - Certification must state that the information is ‘true, complete, correct, and made in good faith.”
- FCC will release a Public Notice giving further details on the required deployment certification
- Failure to file the certification results in a forfeiture of all rights to relocation reimbursement costs
- D Block Licensee not required to pay for changes to CAPRAD database or costs incurred by the Regions to modify their Plans to comply with the new band plan
- <u>Equipment placed in operation as of August 31, 2007 must comply with the new band plan</u>
    - No further deployment under the old narrowband channel plan except under a waiver
- A $10M cap has been placed on relocation costs
    - Cap will not be adjusted upward for “any purpose”

    - Costs may be lower
    - D Block Winning Bidder, Public Safety Broadband Licensee and the relevant equipment manufacturers will review the deployment certifications filed by the incumbent narrowband licensees and if all agree that the relocation costs will be lower than $10M, they must report the new figure to the FCC. The D Block Winning Bidder, the Public Safety Broadband Licensee and the relevant equipment manufacturers must all certify that they will be bound to the costs identified
- The D Block winning bidder and the Public Safety Broadband Licensee must submit a narrowband relocation plan to the FCC within 30 days of the NSA Negotiation Commencement Date
    - Plan must address the process to be followed, include a detailed schedule and specify the total costs to be incurred (see previous bullet)
    - Chief of the Public Safety and Homeland Security Bureau must approve the relocation plan
- D Block Auction Winner must place $10M (or the amount agreed to in the relocation plan) in a trust account established by the Public Safety Broadband Licensee before the D Block License will be granted
- Granted and pending 700 MHz Regional Plans must be amended to comply with the new band plan and service rules by November 23, 2007

The FCC released a Public Notice related to the August 30, 2007 deadlines earlier this month. The PN can be downloaded at:

http://fjallfoss.fcc.gov/edocs_public/attachmatch/DA-07-3644A1.doc

Discussion followed.

Ken Hughes questioned the mention of a 2010 census date in the latest draft. The Chair explained that was a typo and would be corrected in the next draft.

It was brought up and discussed that the plan should have stronger and more specific language requiring participation in the statewide 700 MHz. P25 system, or in a regional system that is fully integrated into this statewide system in accordance with the "system of systems" concept. The Chair stated that he would draft language to that effect and place it in the next draft.

Next there was a discussion as to the status of the CAPRAD assignments and the need for those to be redone on a nationwide basis before the plan could be submitted for approval.

There being no further business the meeting was adjourned.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
OCTOBER 24, 2007
SPRINGFIELD, LOUISIANA

Meeting called to order at 9:10 AM by Chairman William Vincent. He briefly reviewed how the FCC set up the 700 MHz band, and its' allocation of public safety frequencies within the band. One section was a geographic "state license", for use by states' for their use as they see fit. All coordination for the state licenses is the responsibility of the state licensee. The second (and largest) section is the general use allocation, for which this Regional Planning Committee (RPC) is tasked with developing/managing. The third section is the "Interoperability" section. Currently, the Louisiana SIEC is in charge of the state license as well as the interoperability frequencies.

The "State License" frequencies will not be sufficient to provide all of the necessary frequencies for users of the "State License" system. Language has been added to Region 18's plan, which will allow it to supplement the state license in areas where frequencies are needed. Additionally, a cooperative effort between the State and the local authorities must be in place before any channels will be released to the state license in that local area.

The latest copy of the Region 18 700 MHz Plan is located on the states' SIEC website.
http://siec.louisiana.gov/metadot/index.pl?iid=2386&isa=Item&op=show

Since the last meeting, a typographical error regarding census dates has been fixed. Stronger language has been added requiring greater cooperation among users in the different areas (or regions) of the state. Systems without interoperability capability will not be allowed.

The draft language is worked up by consensus, and no voting is done during the drafting of the Region 18 700 Mhz plan except for approving the final draft. Nothing in these drafts are final until after the final draft is approved by a vote of the Region 18 membership in attendance at that meeting.

A question was raised about the language in the drafts about a "requirement" that independent systems not be allowed and that only the state system or "regional systems" be allowed (section 6.2, paragraph 5). Discussion followed, with the chair stating he would make changes in the next draft that everyone would likely agree with. All systems should be interoperable with the state system in addition to being able to talk to all parish agencies within that parish.

Appendix "I" has been added. It lays out all the frequencies under the new band plan from the FCC. A few errors were detected and corrected and should be in the next draft of the plan.

The original 700 MHz public safety band plan has been shuffled around (as expected). It was understood that major changes were being considered and that major changes have

now been ordered (FCC 07-132). A nationwide public safety broadband network is part of this Order. It will be built to public safety standards, but operated by a private contractor with oversight by a public safety broadband trust. Excess bandwidth will be utilized by the commercial sector, but will always be available for immediate recall by public safety entities as needed. The Region 18 plan is really beginning to take shape. However, due to 700 MHz public safety spectrum being shuffled around, we have to wait for the new "Sorting" of the frequencies in CAPRAD, which is the program where the allocating of the 700 MHz spectrum takes place. By the time this new sort is completed (hopefully early next year), we should be ready to send our plan to the adjacent regions for their evaluation and approval.

There being no further business, the meeting adjourned at 10:00 a.m.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
NOVEMBER 14, 2007
BATON ROUGE, LA

Meeting called to order at 10:05 by vice-chairman Mike Musselman.

Section 6.2, Paragraph 5 has been reworded, with the new language read aloud to everyone in attendance. Discussion followed with everyone agreeing that the new language would not cause any problems for any local systems trying to get established. Several technical error found in the last version have been corrected per earlier conversation with Bill Vincent (Chair – absent from this meeting due to a scheduling conflict). Everyone was reminded that the maximum number of conventional mode channels is six (6.25 kHz); or three (12.5 kHz); or 2 (25 kHz) channels.

Regarding CAPRAD, Bette advised that she talked with Sean O'Hara of Syracuse Research Corp. earlier this week. He had performed the original CAPRAD database sort. He put in a bid to do the new sort, but the bid had yet to be awarded by the FCC. Sean advised Bette that from the date of the contract awarding, it would be three months before the finished product would be delivered. Bette reminded everyone in attendance that the FCC does not mandate the use of CAPRAD. All local plans have until January 31st, 2008 to submit modifications to their old plans to conform with the new 700 MHz public safety plan realignment. Discussion followed.

The national licensee had not yet been named for broadband, but it is expected to be the Public Safety Broadband Trust.

Mike Musselman advised the members present that, per Bill Vincent, the plan was mostly complete, except for the CAPRAD resort, and that is what we are now waiting on. Ken Hughes questioned the delay, stating that "there is already frequencies assigned". He suggested that we adopt the repack, shifting the lower three MHz up by five MHz and shift the upper three MHz down one MHz of the old plan to match the new channel configuration. Bette suggested that we go ahead and approve the plan after the changes are made to match the old CAPRAD sort with the new band plan, and then modify the plan later as necessary. Mike Musselman agreed to go ahead and begin making the necessary transitions to the frequency assignments. Ken Hughes asked that the plan be ready to be approved by the next meeting so that it can be voted on and sent to the adjacent regions for their consideration and approval. Ken made a motion that we accept the CAPRAD plan, as is, making the necessary modifications to bring the existing frequencies into compliance with the new band plan. The motion was seconded by Curtis Bowers. No new discussion followed. Motion passed unanimously.

January 3rd, 2008 and January 24th, 2008 were discussed as possible next meeting dates. This information will be passed on to the Chairman and he will schedule the next meeting an put out the notices depending on scheduling and availability.

Discussion then questioned Appendix A, Section 2.1, Paragraph 2 regarding the validity of 47 CFR 90.20 in 700 MHz planning as 90.523 contains all of the eligibility requirements needed, and that the description in parenthesis in sentence three be struck. Motion made by Curtis Bowers to strike “47 CFR 90.20” and “(e.g. police, fire, EMS, highway)” from paragraph two in section 2.1 of Appendix A. Seconded by Mike Murphy. No new discussion. Motion passed unanimously.

There being no further business, the meeting adjourned at 11:03.

PROCEEDINGS OF THE LOUISIANA (REGION 18)
REGIONAL PLANNING COMMITTEE (RPC)
JANUARY 24, 2008
LAFAYETTE, LA

Mr. William Vincent welcomed everyone to Lafayette with an invitation to re-visit Lafayette during the five day period leading up to Mardi Gras as Lafayette Parish 911 will have their mobile PSAP in operation. Everyone was invited to see it in action, but to please call first so that they could be prepared ahead of time.

Meeting called to order at 13:30 by Chairman Vincent. The intent of this meeting is to review, then with concurrence of the membership present, approve the Region 18 700 MHz plan. A brief recap of the 700 MHz spectrum was explained (state license, interoperability channels, and general use allocation). The Louisiana SIEC is in charge of the state license and the interoperability channels, while the Region 18 700 MHz RPC is responsible for the general use allocation.

Since the last meeting, typographical errors in Appendix I, the Table of Contents, and a header in the first public notice have been corrected. Several small missing items were filled in and the Table of Contents was completed, . As requested at the last meeting, the original CAPRAD sort has been modified. The lower three MHz were shifted up five megahertz and the upper three MHz were shifted down one megahertz to comply with the new band plan from the FCC. Mike Musselman is credited with making the changes to the band plan manually. Bette Rinehart with Motorola is credited with error checking Mike's work. Only a few typographical errors were found and corrected.

The Chair opened the floor for any comments or concerns.

Section 3.2 (B) Discussed terminology of "encourages" vs. "required" in respect to frequency give backs. After discussion, it was decided to leave the wording as is.

Section 3.2 (C), top of page 11, last bullet – After discussion, changed the wording to: "A statement notifying the Director of Homeland Security & Emergency Preparedness of the applicable parish(es) that the system is being applied for."

Section 3.2 (C), last paragraph – added "infrastructure costs." The paragraph should now read: "With the submission of a showing proving, within the technical and administrative requirements of the Plan, that there are not sufficient state controlled frequencies (state license, applicable interoperability allocations, and secondary trunking) for use or reuse to build out the State of Louisiana 700 MHz. system within a particular parish, and that use of the system without infrastructure costs or user fees has been offered to local subscribers belonging to eligible entities with daily operations within that parish, the State of Louisiana shall be eligible to apply for and be licensed for frequencies under this Plan, under the same conditions and requirements applicable to all other eligible entities. Section 3.1 – A question was asked as to how the membership of the Region 18 Review Committee is selected. Lengthy discussion followed. Eventually, a motion was made by

Larry Landry, seconded by Anthony Summers "To leave section 3.1 alone for now and revisit later with any potential revised wording". No further discussion on this issue. There were numerous yeas and nobody opposed. Motion carried.

Section 3.4 – Discussed all of the wording in section 3.4. Motion made by Ken Hughes, seconded by Mike Murphy to "Delete all wording from Section 3.4 except for the last sentence". No further discussion followed on this issue. There were numerous yeas and nobody opposed. Motion carried. The last sentence reads "In order to promote spectrum efficiency, Region 18 will ensure that systems allocated 25 KHz channel blocks will utilize all of the channel and not 'orphan' any portions of a system designated channel. (See Section 6.3)"

Section 6.2, Paragraph 5 – Added "and applicable region(al) Tactical Interoperability Communications Plan" to the end of the last sentence. The sentence should now read: "In any case, all subscriber units shall be fully interoperable in the Louisiana 700 MHz P25 statewide system in accordance with the State of Louisiana Tactical Interoperability Communications Plan and applicable region(al) Tactical Interoperability Communications Plan".

Section 6.5.2 – "Loading Tables Voice Channels" were discussed regarding the definition of "Emergency" vs. "Non-Emergency". It was decided among everyone present to leave this item alone and take no further action on Section 6.5.2.

Section 7.2 – Tactical Channels: The "Nationwide 800 MHz Band Public Safety Interoperability Channels" table listed was questioned as to why it is listed in a 700 MHz Plan. The reason given by Chairman Vincent was that "The SIEC has adopted the contents of this table as a part of its' interoperability plan for 700 MHz users". A question was posed as to why the 700 MHz interoperability channels were not listed. They were referred to Appendix E, where the FCC designated interoperability channel information is located. There is no State of Louisiana designated 700 MHz interoperability channels at this time. The consensus among the members present is to wait for the Louisiana SIEC to designate their official 700 MHz interoperability channels, and then modify our plan at that time, if necessary.

Appendix A, Section 3.3 – Officers holding office "for life", without any type tenure limitation was questioned. Discussion followed. Motion by Mike Murphy, seconded by Anthony Summers to have Appendix A, Section 3.3 read as follows: "Tenure. The officers shall hold office for a term of two years or in each case until he or she sooner dies, resigns, is removed, or becomes disqualified." Additional discussion followed. There were numerous yeas and nobody opposed. Motion carried.

Everybody was given an additional opportunity to express any comments or other concerns about the plan.

A motion was made by Mike Sigur, seconded by Mike Murphy "To adopt the plan as amended". There were numerous yeas and nobody opposed. Motion carried.

Chairman Vincent then advised everyone the next steps which would be taken to get the plan down the path to the FCC. Meeting Adjourned at 15:09

Appendix E

NCC/NPSTC Standard Channel Nomenclature for the Public Safety Interoperability Channels

Freq/FCC Channel (SUBSCRIBER LOAD)		BASE MOBILE OR FIXED (REPEATER OR CONTROL)	ELIGIBILITY/PRIMARY USE	COMMON NAME	LIMITATIONS (47 CFR Part 90)
RECEIVE	TRANSMIT				
CHANNEL	CHANNEL	FCC 700 MHz Public Safety and (TV 63 & 68)			
39-40	999-1000	Mobile Fixed	Calling Channel	7CALL50	90.531(a)(1)(ii)
	SIMPLEX	Base-Fixed Mobile		7CALL50D	
23-24	983-984	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC51	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC51D	
103-104	1063-1064	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC52	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC52D	
183-184	1143-1144	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC53	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC53D	
263-264	1223-1224	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC54	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC54D	
119-120	1079-1080	Mobile Fixed	General Public Safety Service	7TAC55	
	SIMPLEX	Base-Fixed Mobile		7TAC55D	
199-200	1159-1160	Mobile Fixed	General Public Safety Service	7TAC56	
	SIMPLEX	Base-Fixed Mobile		7TAC56D	
319-320	1279-1280	Mobile Fixed	Other Public Safety Service	7GTAC57	
	SIMPLEX	Base-Fixed Mobile		7GTAC57D	
303-304	1263-1264	Mobile Fixed	Mobile Repeater (M03 Use Primary)	7MOB59	
	SIMPLEX	Base-Fixed Mobile		7MOB59D	
223-224	1183-1184	Mobile Fixed	Law Enforcement	7LAW61	
	SIMPLEX	Base-Fixed Mobile		7LAW61D	
239-240	1199-1200	Mobile Fixed	Law Enforcement	7LAW62	
	SIMPLEX	Base-Fixed Mobile		7LAW62D	
143-144	1103-1104	Mobile Fixed	Fire	7FIRE63	
	SIMPLEX	Base-Fixed Mobile		7FIRE63D	
159-160	1119-1120	Mobile Fixed	Fire	7FIRE64	
	SIMPLEX	Base-Fixed Mobile		7FIRE64D	
63-664	1023-1024	Mobile Fixed	EMS	7MED65	
	SIMPLEX	Base-Fixed Mobile		7MED65D	
79-80	1039-1040	Mobile Fixed	EMS	7MED66	
	SIMPLEX	Base-Fixed Mobile		7MED66D	
279-280	1239-1240	Mobile Fixed	Mobile Data	7DATA69	90.531(a)(1)(i)
	SIMPLEX	Base-Fixed Mobile		7DATA69D	
681-682	1641-1642	Mobile Fixed	Calling Channel	7CALL70	90.531(a)(1)(ii)
	SIMPLEX	Base-Fixed Mobile		7CALL70D	
657-658	1617-1618	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC71	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC71D	
737-738	1697-1698	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC72	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC72D	
817-818	1777-1778	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC73	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC73D	
897-898	1857-1858	Mobile Fixed	General Public Safety Service (secondary trunked)	7TAC74	90.531(a)(1)(iii)
	SIMPLEX	Base-Fixed Mobile		7TAC74D	
761-762	1721-1722	Mobile Fixed	General Public Safety	7TAC75	

	SIMPLEX	Base-Fixed Mobile	Service	7TAC75D	
841-842	1801-1802	Mobile Fixed	General Public Safety Service	7TAC76	
	SIMPLEX	Base-Fixed Mobile		7TAC76D	
937-938	1897-1898	Mobile Fixed	Other Public Safety Service	7GTAC77	
	SIMPLEX	Base-Fixed Mobile		7GTAC77D	
881-882	1841-1842	Mobile Fixed	Mobile Repeater (M03 Use Primary)	7MOB79	
	SIMPLEX	Base-Fixed Mobile		7MOB79D	
801-802	1761-1762	Mobile Fixed	Law Enforcement	7LAW81	
	SIMPLEX	Base-Fixed Mobile		7LAW81D	
857-858	1817-1818	Mobile Fixed	Law Enforcement	7LAW82	
	SIMPLEX	Base-Fixed Mobile		7LAW82D	
721-722	1681-1682	Mobile Fixed	Fire	7FIRE83	
	SIMPLEX	Base-Fixed Mobile		7FIRE83D	
777-778	1737-1738	Mobile Fixed	Fire	7FIRE84	
	SIMPLEX	Base-Fixed Mobile		7FIRE84D	
641-682	1601-1602	Mobile Fixed	EMS	7MED86	
	SIMPLEX	Base-Fixed Mobile		7MED86D	
697-698	1657-1658	Mobile Fixed	EMS	7MED87	
	SIMPLEX	Base-Fixed Mobile		7MED87D	
921-922	1881-1882	Mobile Fixed	Mobile Data	7DATA89	90.531(a)(1)(i)
	SIMPLEX	Base-Fixed Mobile		7DATA89D	

Project 25 Common Air Interface
Interoperability channel parameters

Certain common P25 parameters need to be defined to ensure digital radios operating on the 700 MHz Interoperability Channels can communicate. This is analogous to defining the common CTCSS tone used on NPSPAC analog Interoperability channels.

Network Access Code
In the project 25 Common Air Interface definition, the Network Access Code is analogous to the use of CTCSS and CDCSS signals in analog radio systems. It is a code transmitted in the pre-amble of the P25 signal and repeated periodically throughout the transmission. Its purpose is to provide selective access to and maintain access to a receiver. It is also to block nuisance and other co-channel signals. There are up to 4096 of these NAC codes. For ease of migration in other frequency bands, a NAC code table was developed which shows a mapping of CTCSS and CDCSS signals into corresponding NAC codes. Document TIA/EIA TSB102.BAAC contains NAC code table and other Project 25 Common Air Interface Reserve Values.

Use of corresponding code $293.00 is required for the 700 MHz Interoperability Channel NAC code.

Talk group ID
In the project 25 Common Air Interface definition, the Talk group ID on conventional channels is analogous to the use of talk groups in trunking. In order to ensure that all users can communicate, all units should use a common Talk group ID.

Recommendation: Use P25 default value for Talk group ID = $0001

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

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

Encryption Algorithm ID and Key ID
The Project 25 Common Air Interface allows the ability to define specific encryption algorithms and encryption keys. In order to ensure that all users can communicate, encryption should not be used on Interoperability Channels. All units should use the default Algorithm ID for unencrypted messages of $80 and default Key ID for unencrypted messages 0000.

Appendix F
NCC 700 MHz Pre-Assignment Rules/Recommendations

Introduction

A process for doing the initial block assignments of 700 MHz channels before details of actual system deployments is required. In this initial phase, there is little actual knowledge of what specific equipment is to be deployed and where the sites will be. As a result, a high level simplified method is proposed to establish guidelines for frequency coordination. When actual systems are deployed, additional details will be known and the system designers will be required to select specific sites and supporting hardware to control interference.

Overview

Assignments will be based on a defined service area of each applicant. For Public Safety entities this will normally be a geographically defined area such as city, county or by a data file consisting of line segments creating a polygon that encloses the defined area.

For co-channel assignments, the 40dBμ contour will be allowed to extend beyond the defined service area by 3 to 5 miles, depending on the type of environment, urban, suburban or low density. The interfering co-channel 5 dBμ will be allowed to touch but not overlap the 40 dBμ contour of the system being evaluated. All contours are (50,50).

For adjacent and alternate channels, the interfering channels 60 dBμ will be allowed to touch but not overlap the 40 dBμ contour of the system being evaluated. All contours are (50,50).

7.4.1.1 Discussion

The FCC limits the maximum field strength to 40 dB relative to 1μV/m (customarily denoted as 40 dBμ). It is assumed that this limitation will be applied similarly to the way it is applied in the 821-

824/866/869 MHz band. That is, a 40 dBμ field strength can be deployed up to a defined distance from the edge of the service area, based on the size of the service area or type of applicant, i.e. city, county or statewide system. This is important as the potential for interference from CMRS infrastructure demands that public safety systems have adequate margins for reliability in the presence of interference. The value of 40 dBμ corresponds to a signal of -92.7 dBm, received by a half-wavelength dipole (λ/2) antenna. The thermal noise floor for a 6.25 kHz receiver would be in the range of -126 dBm, so there is a margin of approximately 33 dB available for "noise limited" reliability. Figure 1 shows show the various interfering sources and how they accumulate to form a composite noise floor that can be used to determine the "reliability" or probability of achieving the desired performance in the presence of various interfering sources with differing characteristics.

Allowing for a 3 dB reduction in the available margin due to CMRS OOBE noise lowers the reliability and/or the channel performance of Public Safety systems. TIA TR8 made this allowance during the meetings in Mesa, AZ, January 2001. In addition, there are various channel bandwidths with different performance criteria and unknown adjacent and alternate channel assignments need to be accounted for. The co-channel and adjacent/alternate sources are shown in the right hand side of Figure 1. There would be a single co-channel source, but potentially several adjacent or alternate channel sources involved.

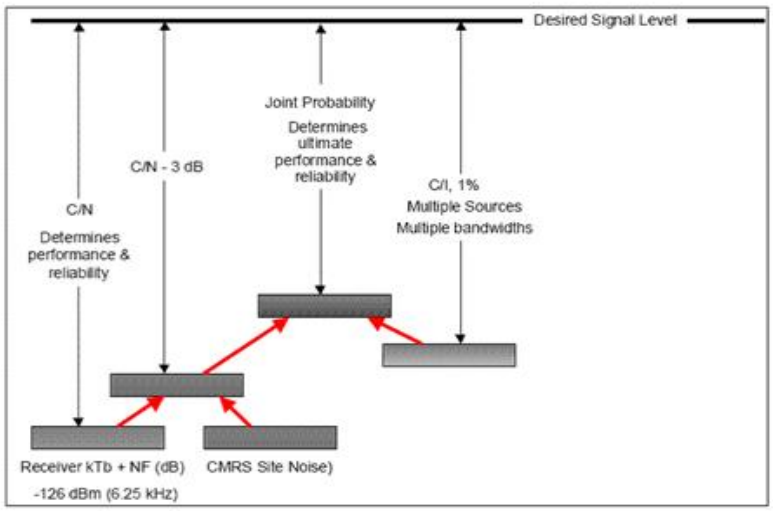

Figure 1 - Interfering Sources Create A "Noise" Level Influencing Reliability

It is recommended that co-channel assignments limit the C/I at the edge (worst case mile) be sufficient to limit that interference to <1%. A C/I ratio of 26.4 dB plus the required capture value required to achieve this goal.. A 17 - 20 dB C/N is required to achieve channel performance. Table 1 shows estimated performance considering the 3 dB noise floor rise at the 40 dBμ signal level. Performance varies due to the different Cf/N requirements of the different modulations and channel bandwidths. These values are appropriate for a mobile on the street, but are considerably short to provide reliable communications to portables inside buildings.

Comparison of Joint Reliability for various configurations				
Channel Bandwidth	6.25 kHz	12.5 kHz	12.5 kHz	25.0 kHz
Receiver ENBW (kHz)	6	6	9	18
Noise Figure(10 dB)	10	10	10	10
Receiver Noise Floor (dBm)	-126.22	-126.22	-124.46	-121.45
Rise in Noise Floor (dB)	3.00	3.00	3.00	3.00
New Receiver Noise Floor (dB)	-123.22	-123.22	-121.46	-118.45
40 dBu = -92.7 dBm	-92.7	-92.7	-92.7	-92.7
Receiver Capture (dB)	10.0	10.0	10.0	10.0
Noise Margin (dB)	30.52	30.52	28.76	25.75
C/N Required for DAQ = 3	17.0	17.0	18.0	20.0
C/N Margin (dB)	**13.52**	**13.52**	**10.76**	**5.75**
Standard deviation (8 dB)	8.0	8.0	8.0	8.0
Z	1.690	1.690	1.345	0.718
Noise Reliability (%)	**95.45%**	**95.45%**	**91.06%**	**76.37%**
C/I for <1% prob of capture	36.4	36.4	36.4	36.4
I (dBu)	3.7	3.7	3.7	3.7
I (dBm)	-129.0	-129.0	-129.0	-129.0
Joint Probability (C & I)	**94.2%**	**94.2%**	**90.4%**	**75.8%**
40 dBu = -92.7 dBm @ 770 MHz				

Table 1 Joint Probability For Project 25, 700 MHz Equipment Configurations.

To analyze the impact of requiring portable in building coverage, several scenarios are presented. The different scenarios involve a given separation from the desired sites. Then the impact of simulcast is included to show that the 40 dBμ must be able to fall outside the edge of the service area. From the analysis, recommendations of how far the 40 dBμ extensions should be allowed to occur are made.

Table 2 Estimates urban coverage where simulcast is required to achieve the desired portable in building coverage. Several assumptions are required to use this estimate.

- Distance from the location to each site. Equal distance is assumed.
- CMRS noise is reduced when entering buildings. This is not a guarantee as the type of deployments is unknown. It is possible that CMRS units may have transmitters inside buildings. This could be potentially a large contributor unless the CMRS OOBE is suppressed to TIA's most recent recommendation and the "site isolation" is maintained at 65 dB minimum.
- The 40 dBμ is allowed to extend beyond the edge of the service area boundary.
- Other configurations may be deployed utilizing additional sites, lower tower heights, lower ERP and shorter site separations.

Estimated Performance at 2.5 miles from each site				
Channel Bandwidth	6.25 kHz	12.5 kHz	12.5 kHz	25.0 kHz
Receiver Noise Floor (dBm)	-126.20	-126.20	-124.50	-118.50
Signal at 2.5 miles (dBm)	-72.7	-72.7	-72.7	-72.7
Margin (dB)	53.50	53.50	51.80	45.80
C/N Required for DAQ = 3	17.0	17.0	18.0	20.0
Building Loss (dB)	20	20	20	20
Antenna Loss (dBd)	8	8	8	8

Reliability Margin	8.50	8.50	5.80	-2.20
Z	1.0625	1.0625	0.725	-0.275
Single Site Noise Reliability (%)	**85.60%**	**85.60%**	**76.58%**	**39.17%**
Simulcast with 2 sites	97.93%	97.93%	94.51%	62.99%
Simulcast with 3 sites	99.70%	99.70%	98.71%	77.49%
Simulcast with 4 sites	99.96%	99.96%	99.70%	86.30%

Table 2, Estimated Performance From Site(s) 2.5 Miles From Typical Urban Buildings.

Table 2 shows for the example case of 2.5 miles that simulcast is required to achieve public safety levels of reliability. The difference in performance margin requirements would require more sites and closer site-to-site separation for wider bandwidth channels.

Figures 2 and 3 show how the configurations would potentially be deployed for a typical site with 240 Watts ERP. This is based on:

- 75 Watt transmitter, 18.75 dBW
- 200 foot tower
- 10 dBd 180 degree sector antenna +10.0 dBd
- 5 dB of cable/filter loss. - 5.0 dB

23.75 dBW ≈ 240 Watts (ERPd)

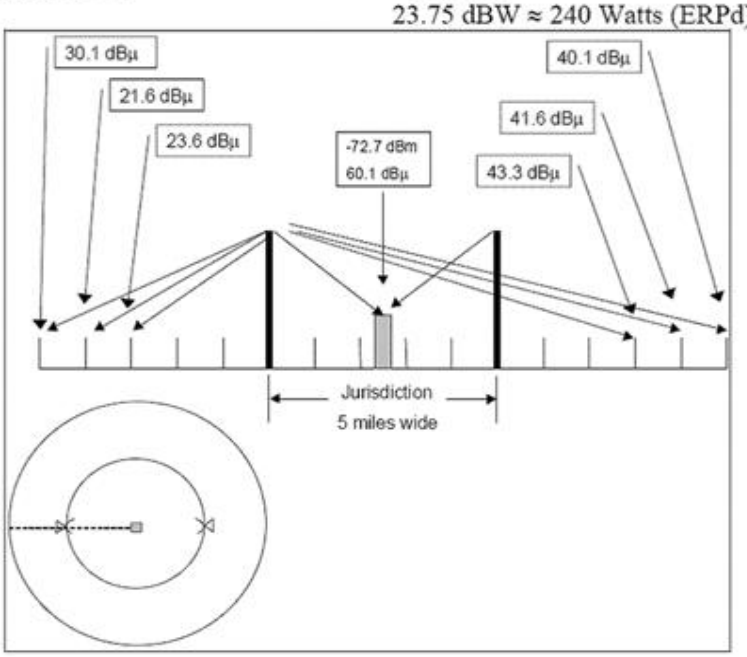

Figure 2 - Field Strength From Left Most Site.

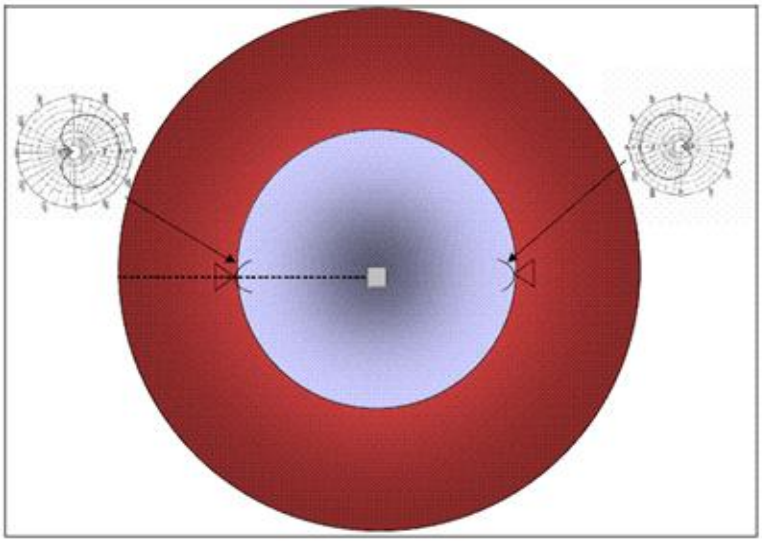

Figure 3 - Antenna Configuration Required To Limit Field Strength Off "Backside"

Figure 2 is for an urbanized area with a jurisdiction of a 5-mile circle. To provide the necessary coverage to portables in buildings at the center of the jurisdiction requires that the sites be placed along the edge of the service area utilizing direction antennas oriented toward the center of the service area (Figure 3). In this case, at 5 miles beyond the edge of the service area, the sites would produce composite field strength of approximately 40 dBμ. Since one site is over 10 dB dominant, the contribution from the other site is not considered. The control of the field strength behind the site relies on a 20 dB antenna with a Front to Back Ratio (F/B) specification as shown in Figure 3. This performance may be optimistic due to backscatter off local obstructions in urbanized areas. However, use of antennas on the sides of buildings can assist in achieving better F/B ratios and the initial planning is not precise enough to prohibit using the full 20 dB.

The use of a single site at the center of the service area is not normally practical. To provide the necessary signal strength at the edge of the service area would produce field strength 5 miles beyond in excess of 44 dBμ. However, if the high loss buildings were concentrated at the service area's center, then potentially a single site could be deployed, assuming that the building loss sufficiently decreases near the edge of the service area allowing a reduction in ERP to achieve the desired reliability.

The down tilting of antennas to control the 40 dBμ is not practical as the difference in angular discrimination from a 200-foot tall tower at 2.5 miles and 10 miles is approximately 0.6 degrees.

Tables 3 and 4 represent the same configuration, but for less dense buildings. In these cases, the distance to extend the 40 dBm can be determined from Table Z. Recommendations are made in Table 6.

Estimated Performance at 3.5 miles from each site				
Channel Bandwidth	6.25 kHz	12.5 kHz	12.5 kHz	25.0 kHz
Receiver Noise Floor (dBm)	-126.20	-126.20	-124.50	-118.50
Signal at 2.5 miles (dBm)	-77.7	-77.7	-77.7	-77.7
Margin (dB)	48.50	48.50	46.80	40.80
C/N Required for DAQ = 3	17.0	17.0	18.0	20.0
Building Loss (dB)	15	15	15	15
Antenna Loss (dBd)	8	8	8	8
Reliability Margin	8.50	8.50	5.80	-2.20
Z	1.0625	1.0625	0.725	-0.275
Single Site Noise Reliability (%)	**85.60%**	**85.60%**	**76.58%**	**39.17%**
Simulcast with 2 sites	97.93%	97.93%	94.51%	62.99%
Simulcast with 3 sites	99.70%	99.70%	98.71%	77.49%
Simulcast with 4 sites	99.96%	99.96%	99.70%	86.30%

Table 3 - Lower Loss Buildings, 3.5 Mile From Site(s)

Estimated Performance at 5.0 miles from each site				
Channel Bandwidth	6.25 kHz	12.5 kHz	12.5 kHz	25.0 kHz
Receiver Noise Floor (dBm)	-126.20	-126.20	-124.50	-118.50
Signal at 2.5 miles (dBm)	-82.7	-82.7	-82.7	-82.7
Margin (dB)	43.50	43.50	41.80	35.80
C/N Required for DAQ = 3	17.0	17.0	18.0	20.0
Building Loss (dB)	10	10	10	10
Antenna Loss (dBd)	8	8	8	8
Reliability Margin	8.50	8.50	5.80	-2.20
Z	1.0625	1.0625	0.725	-0.275
Single Site Noise Reliability (%)	**85.60%**	**85.60%**	**76.58%**	**39.17%**
Simulcast with 2 sites	97.93%	97.93%	94.51%	62.99%
Simulcast with 3 sites	99.70%	99.70%	98.71%	77.49%
Simulcast with 4 sites	99.96%	99.96%	99.70%	86.30%

Table 4 - Low Loss Buildings, 5.0 Miles From Site(s)

Note that the receive signals were adjusted to offset the lowered building penetration loss. This produces the same numerical reliability results, but allows increasing the site to building separation and this in turn lowers the magnitude of the "overshoot" across the service area.

Table 5 shows the field strength for a direct path and for a path reduced by a 20 dB F/B antenna. This allows the analysis to be simplified for the specific example being discussed.

Overshoot Distance (mi)	Field Strength (dBμ)	20 dB F/B (dBμ)
1	73.3	53.3
2	63.3	43.3
2.5	60.1	40.1
3	57.5	37.5
4	53.3	33.5
5	50.1	30.1
...	...	
10	40.1	
11	38.4	
12	37.5	
13	36.0	
14	34.5	
15	33.0	

Table 5 - Field Strength Vs. Distance From Site

This allows the overshoot to be 11 miles so the extension of the 40 dbm can be 4 miles for suburbanized territory. For the more rural territory, the limit is the signal strength off the back of the antenna. So the result is that for various types of urbanized areas the offset of the 40 dbm should be:

Type of Area	Extension (mi.)
Urban (20 dB Buildings)	5
Suburban (15 dB Buildings)	4
Rural (10 dB Buildings)	3

Table 6 - Recommended Extension Distance Of 40 Dbμ Field Strength

The 40 dBμ can then be constructed based on the defined service area without having to perform an actual prediction. Since the 40 dBμ is beyond the edge of the service area, some relaxation in the level of I is reasonable. Therefore a 35 dB ration is recommended and is consistent with what is currently being licensed in the 821-824/866-869 MHz Public Safety band.

Co-Channel Recommendation

- Allow the constructed 40 dBμ (50,50) to extend beyond the edge of the defined service area by the distance indicated in Table 6.
- Allow the Interfering 5 dBμ (50,50) to intercept but not overlap the 40 dBμ contour.

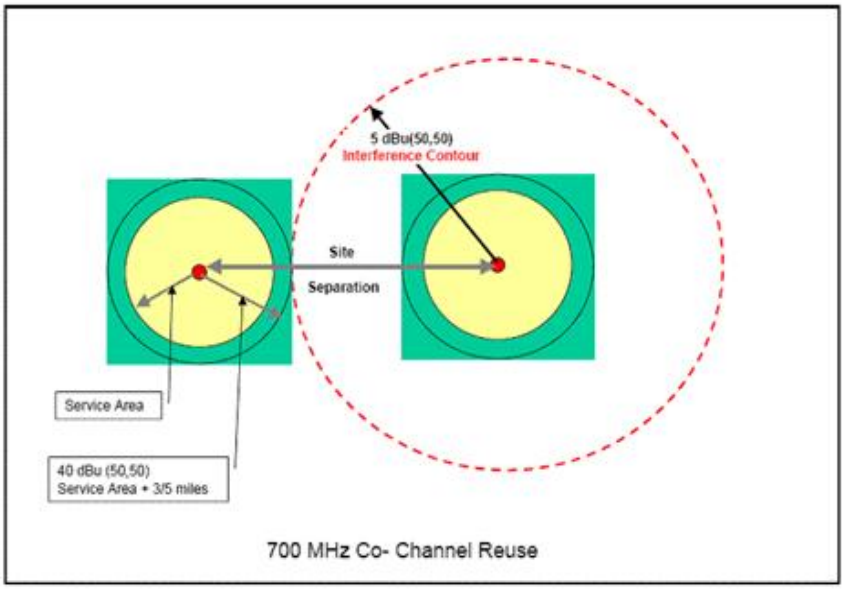

Figure 4 - Co-Channel Reuse Criterion

Adjacent and alternate Channel Considerations

Adjacent and alternate channels are treated as being noise sources that alter the composite noise floor of a victim receiver. Using the 47 CFR § 90.543 values of ACCP can facilitate the coordination of adjacent and alternate channels. The C/I requirements for <1% interference can be reduced by the value of ACCPR. For example to achieve an X dB C/I for the adjacent channel that is -40 dBc a C/I of [X-40] dB is required. Where the alternate channel ACP value is -60 dBc, then the C/I = [X-60] dB is the goal for assignment(s). There is a compounding of interference energy, as there are numerous sources, i.e. co channel, adjacent channels and alternate channels plus the noise from CMRS OOBE.

There is insufficient information in 47 CFR § 90.543 to include the actual receiver performance. Receivers typically have "skirts" that allow energy outside the bandwidth of interest to be received. In addition, the FCC defines ACCP differently than does the TIA. The term used by the FCC is the same as the TIA definition of ACP. The subtle difference is that ACCP defines the energy intercepted by a defined receiver filter. ACP defines the energy in a measured bandwidth that is typically wider than the receiver. As a result, the FCC values are optimistic at very close spacing and somewhat pessimistic at wider spacing, as the typical receiver filter is less than the channel bandwidth.

In addition, as a channel bandwidth is increased, the total noise is allowed to rise, as it is initially defined in a 6.25 kHz channel bandwidth. However, the effect is diminished at very close spacing as the noise is rapidly falling off. At greater spacing, the noise is essentially flat and the receiver's filter limits the noise to the specified 3 dB rise in the thermal noise floor.

Digital receivers tend to be less tolerant to interference than analog. Therefore a 3 dB reduction in the C/(I+N) can reduce a DAQ = 3 to a DAQ = 2 which is threshold to complete receiver muting. Therefore at least 17 dB plus the margin for keeping the interference below 1% probability requires a total margin of 43.4 dB. However, this margin would be at the edge of the service area and the 40 dBμ is allowed to extend past the edge of the service area.

Frequency drift is controlled by the FCC requirement for 0.4-ppm stability when locked. This equates to approximately a 1 dB standard deviation, which is negligible when associated with the recommended initial lognormal standard deviation of 8 dB and can be ignored.

Project 25 requires that a transceiver receiver have an ACIPR of 60 dB. This implies that an ACCPR ≥ 65 dB will exist for a "companion receiver". A companion receiver is one that is designed for the specific modulation. At this time the highest likelihood is that receivers will be deploying the following receiver bandwidths at the following channel bandwidths.

Estimated Receiver Parameters	
Channel Bandwidth	Receiver Bandwidth
6.25 kHz	5.5 kHz
12.5 kHz	5.5 or 9 kHz
25 kHz	18.0 kHz

Table 7 - Estimated Receiver Parameters

Based on 47 CFR ¶ 90.543 and the P25 requirement for an ACCPR ≥ 65 dB into a 6.0 kHz channel bandwidth and leaving room for a migration from Phase 1 to Phase 2, allows for making the simplifying assumption that 65 dB ACCPR is available for both adjacent 25 kHz block.

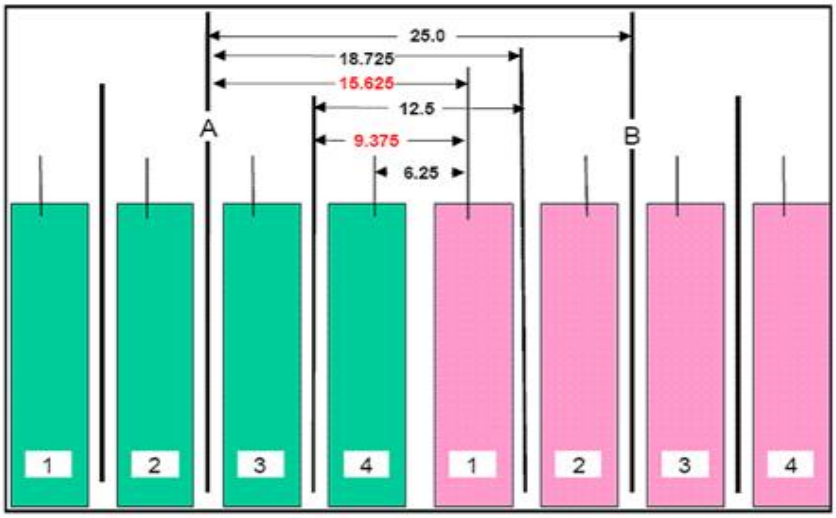

Figure 5, Potential Frequency Separations

Base initial (presorts) on 25 kHz channels. This provides the maximum flexibility by using 65 dB ACCPR for all but one possible combination of 6.25 kHz channels within the 25 kHz allotment.

Case	ACCPR
25 kHz	65 dB
18.725 kHz	65 dB
15.625 kHz	>40 dB
12.5 kHz	65 dB
9.375 kHz	>40 dB
6.25 kHz	65 dB

Table 8 - ACCPR Values For Potential Frequency Separations

All cases meet or exceed the FCC requirement. The most troublesome cases occur where the wider bandwidths are working against a Phase 2 narrowband 6.25 kHz channel. If system designers keep this consideration in mind and move the edge 6.25 kHz channels inward on their own systems, then a constant value of 65 dB ACCPR can be applied across all 25 kHz channels regardless of what is eventually deployed.

For other blocks, it must be assumed that transmitter filtering in addition to transmitter performance improvements with greater frequency separation will further reduce the ACCPR.

Therefore it is recommended that a consistent value of 65 dB ACCPR be used for coordinating adjacent 25 kHz channel blocks. Rounding to be conservative due to the possibility of multiple sources allows the "I" contour to be approximately 20 dB above the 40 dBμ contour, 60 dBμ.

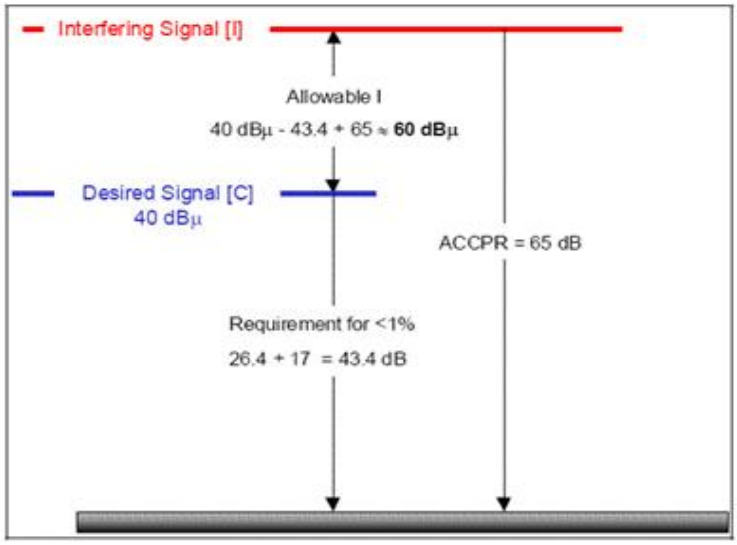

Figure 6 - Adjusted Adjacent 25 kHz Channel Interfering Contour Value

An adjacent Interfering (25 kHz) channel shall be allowed to have its 60 dBμ (50,50) contour touch but not overlap the 40 dBμ (50,50) contour of a system being evaluated. Evaluations should be made in both directions.

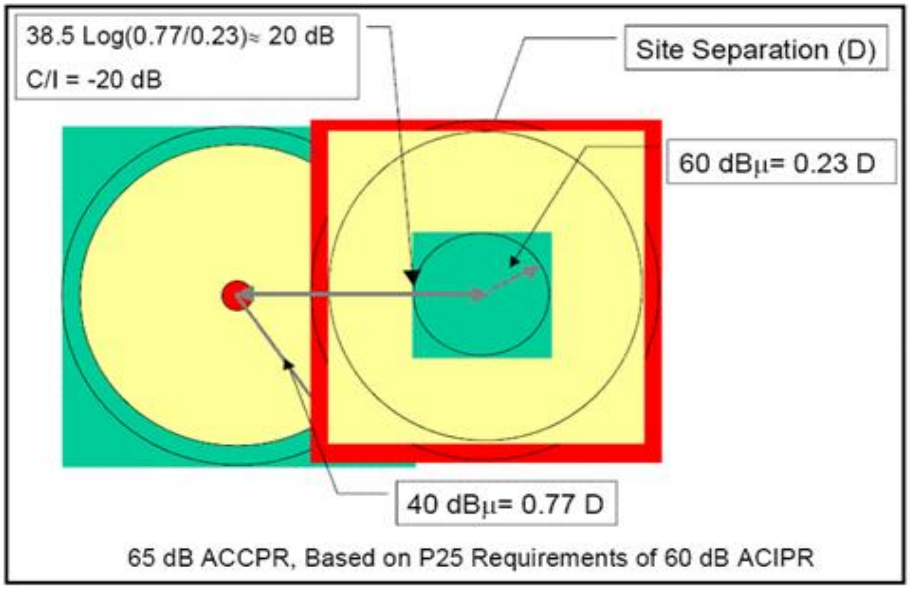

Figure 7 - Example Of Adjacent/Alternate Overlap Criterion

This simple method is only adequate for presorting large blocks to potential entities. A more detailed analysis should be executed in the actual design phase to take all the issues into consideration. Additional factors that should be considered include:

- Degree of Service Area Overlap
- Different size of Service Areas
- Different ERP's and HAAT's
- Actual Terrain and Land Usage
- Differing User Reliability Requirements
- Migration from Project 25 Phase 1 to Phase 2
- Actual ACCP
- Balanced Systems
- Mobiles vs. Portables
- Use of voting
- Use of simulcast
- Radio specifications
- Simplex Operation
- Future unidentified requirements.

Special attention needs to be paid to the use of simplex operation. In this case, an interferer can be on an offset adjacent channel and in extremely close proximity to the victim receiver. This is especially critical in public safety where simplex operations are frequently used at a fire scene or during police operation. This type operation is also quite common in the lower frequency bands. In those cases, evaluation of base-to-base as well as mobile-to-mobile interference should be considered and evaluated.

Carrier to Interference Requirements

There are two different ways that interference is considered.

- Co Channel
- Adjacent and Alternate Channels

Both involve using a C/I ratio. The C/I ratio requires a probability be assigned. For example, a 10% Interference is specified; the C/I implies 90% probability of successfully achieving the desired ratio. At 1% interference, means that there is a 99% probability of achieving the desired C/I.

$$\frac{C}{I}\% = \frac{1}{2} \bullet erfc\left(\frac{\frac{C}{I}\text{margin}}{2\sigma}\right) \tag{1}$$

This can also be written in a form using the standard deviate unit (Z). In this case the Z for the desired probability of achieving the C/I is entered. For example, for a 90% probability of achieving the necessary C/I, $Z = 1.28$.

$$\frac{C}{I}\% = Z \cdot \sqrt{2} \cdot \sigma \tag{2}$$

The most common requirements for several typical lognormal standard deviations (σ) are included in the following table based on Equation (2).

Location Standard Deviation (σ) dB	5.6	6.5	8	10
Probability %				
10%	10.14 dB	11.77 dB	14.48 dB	18.10 dB
5%	13.07 dB	15.17 dB	18.67 dB	23.33 dB
4%	13.86 dB	16.09 dB	19.81 dB	24.76 dB
3%	14.90 dB	17.29 dB	21.28 dB	26.20 dB
2%	16.27 dB	18.88 dB	23.24 dB	29.04 dB
1%	18.45 dB	21.42 dB	26.36 dB	32.95 dB

Table A1 - Probability Of Not Achieving C/I For Various Location Lognormal Standard Deviations

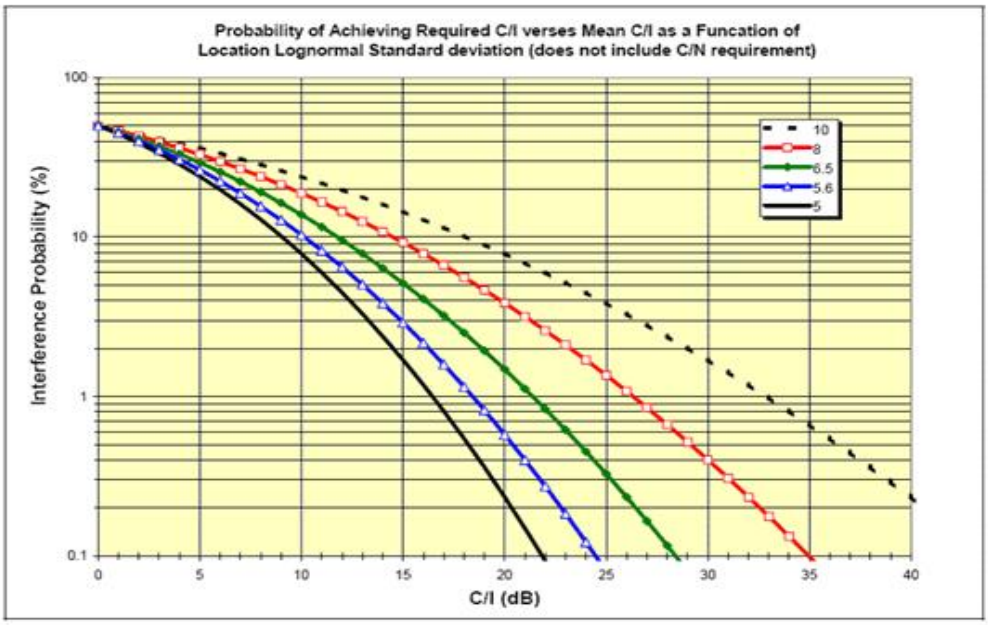

Figure A1, Probability Of Achieving Required C/I As A Function Of Location Standard Deviation

For co-channel the margin needs to include the "capture" requirement. When this is done, then a 1% probability of co channel interference can be rephrased to mean, there is a 99% probability that the "capture ratio" will be achieved. The capture ratio varies with the type of modulation. Older analog equipment has a capture ratio of approximately 7 dB. Project 25 FDMA is specified at 9 dB. Figure A1 shows the C/I requirement without including the capture requirement.

The 8 dB values for lognormal location standard deviation is reasonable when little information is available. Later when a detailed design is required, additional details and high-resolution terrain and land usage databases will allow a lower value to be used. The TIA recommended value is 5.6 dB. This provides the additional flexibility necessary to complete the design

To determine the desired probability that both the C/N and C/I will be achieved requires that a joint probability be determined. Figure A2 shows the effects of a family of various levels of C/N reliability and the joint probability (Y-axis) in the presence of various probabilities of Interference. Note that at 99% reliability with 1% interference (X-axis) that the reduction is nearly the difference. This is because the very high noise reliability is degraded by the interference, as there is little probability that the noise criterion will not be satisfied. At 90%, the 1% interference has a greater likelihood that it will occur simultaneously when the noise criterion not being met, resulting is a less degradation of the 90%

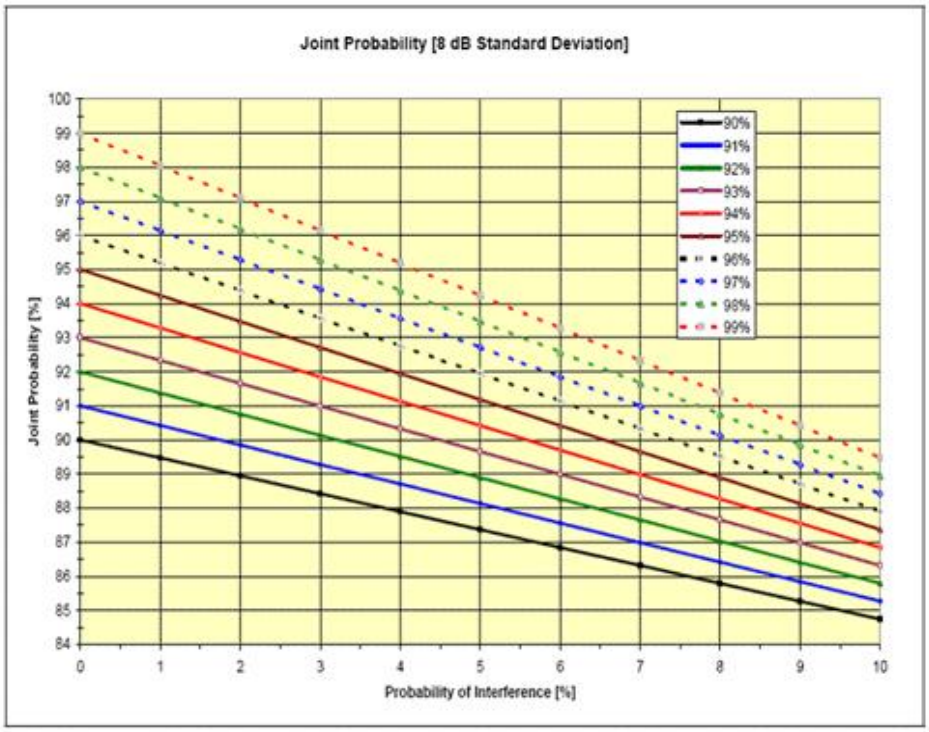

Figure A2 - Effect Of Joint Probability On The Composite Probability

For adjacent and alternate channels, the channel performance requirement must be added to the C/I ratio. When this is applied, then a 1% probability of adjacent/alternate channel interference can be rephrased to mean, there is a 99% probability that the "channel performance ratio" will be achieved.

APPENDIX G

Region 18 – Louisiana
Channel Allotments

R18 (Louisiana) CAPRAD Repack 2008: Assignments by Parish

Parish	Channel Assignment
Acadia Parish	97-100 245-248 369-372 453-456 493-496 549-552 597-600 637-640 781-784
Allen Parish	81-84 257-260 445-448 569-572 609-612 661-664 877-880
Ascension Parish	121-124 241-244 341-344 389-392 429-432 477-480 529-532 569-572 625-628 705-708 745-748 909-912
Assumption Parish	133-136 457-460 501-504 541-544 821-824
Avoyelles Parish	85-88 201-204 241-244 409-412 449-452 509-512 561-564 717-720 797-800 837-840
Beauregard Parish	201-204 249-252 385-388 457-460 497-500 601-604 713-716 797-800
Bienville Parish	321-324 409-412 453-456 497-500 565-568 605-608 701-704
Bossier Parish	17-20 57-60 133-136 177-180 217-220 257-260 297-300 341-344 397-400 461-464 505-508 557-560 617-620 709-712 785-788 837-840 877-880 917-920
Caddo Parish	45-48 121-124 161-164 201-204 241-244 289-292 329-332 373-376 437-440 481-484 533-536 625-628 677-680 749-752 793-796 861-864 901-904 941-944

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Calcasieu Parish	17-20 57-60 125-128 169-172 209-212 281-284 325-328 377-380 425-428 465-468 505-508 545-548 589-592 629-632 701-704 741-744 789-792 865-868 905-908 945-948
Caldwell Parish	133-136 201-204 293-296 341-344 461-464 509-512
Cameron Parish	293-296 349-352 397-400 521-524 613-616 669-672
Catahoula Parish	41-44 353-356 417-420 497-500 549-552 625-628 749-752
Claiborne Parish	213-216 361-364 401-404 477-480 525-528 585-588 833-836 913-916

Concordia Parish	169-172 285-288 325-328 429-432 525-528 637-640 677-680 821-824 869-872
De Soto Parish	349-352 405-408 449-452 489-492 545-548 597-600 637-640
East Baton Rouge Parish	17-20 89-92 161-164 213-216 281-284 321-324 365-368 405-408 445-448 493-496 545-548 589-592 669-672 713-716 753-756 793-796 833-836 901-904 941-944
East Carroll Parish	129-132 361-364 421-424 525-528 609-612 861-864
East Feliciana Parish	57-60 97-100 473-476 513-516 581-584 621-624 661-664 701-704

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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Parish

Evangeline Parish	173-176 213-216 333-336 389-392 433-436 517-520 621-624 709-712
Franklin Parish	49-52 89-92 377-380 473-476 537-540 617-620 705-708 789-792 917-920
Grant Parish	245-248 289-292 329-332 369-372 457-460 601-604 753-756 793-796 913-916
Iberia Parish	173-176 257-260 353-356 469-472 509-512 553-556 593-596 633-636 797-800 837-840 877-880 917-920
Iberville Parish	53-56 205-208 373-376 413-416 521-524 577-580 865-868
Jackson Parish	121-124 365-368 445-448 541-544 589-592 677-680 909-912

Jefferson Parish	81-84 137-140 177-180 245-248 285-288 337-340 377-380 425-428 469-472 525-528 573-576 621-624 661-664 701-704 741-744 793-796 861-864 905-908 945-948
Jefferson Davis Parish	49-52 137-140 413-416 473-476 557-560 753-756 917-920
La Salle Parish	97-100 393-396 441-444 489-492 569-572 609-612 665-668
Lafayette Parish	57-60 121-124 165-168 209-212 281-284 321-324 377-380 417-420 461-464 501-504 541-544 585-588 625-628 665-668 705-708 749-752 789-792 829-832 901-904 941-944

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Lafourche Parish	57-60 201-204 349-352 401-404 441-444 481-484 533-536 613-616 677-680 829-832 873-876
Lincoln Parish	41-44 129-132 205-208 249-252 349-352 389-392 429-432 489-492 549-552 637-640 825-828 865-868
Livingston Parish	45-48 129-132 253-256 329-332 397-400 437-440 485-488 605-608 785-788 825-828
Madison Parish	57-60 253-256 389-392 513-516 561-564 629-632 745-748
Morehouse Parish	45-48 125-128 257-260 385-388 425-428 493-496 565-568 613-616 701-704 741-744 821-824 913-916

Natchitoches Parish	49-52 89-92 137-140 209-212 253-256 337-340 377-380 513-516 553-556 669-672
Orleans Parish	17-20 89-92 161-164 213-216 257-260 297-300 353-356 417-420 461-464 501-504 541-544 581-584 633-636 673-676 713-716 753-756 821-824 869-872
Ouachita Parish	13-16 53-56 93-96 165-168 217-220 285-288 325-328 373-376 413-416 481-484 533-536 577-580 621-624 661-664 709-712 757-760 797-800 837-840 877-880 941-944

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Plaquemines Parish	49-52 121-124 389-392 453-456 493-496 549-552 589-592
Pointe Coupee Parish	177-180 337-340 381-384 421-424 465-468 537-540 613-616
Rapides Parish	17-20 57-60 121-124 165-168 281-284 321-324 361-364 425-428 469-472 541-544 593-596 633-636 701-704 741-744 785-788 825-828 865-868 905-908 945-948
Red River Parish	421-424 473-476 573-576 717-720 869-872
Richland Parish	209-212 333-336 401-404 453-456 501-504 553-556 593-596 669-672 717-720

Sabine Parish	41-44 129-132 285-288 325-328 417-420 465-468 569-572 705-708 789-792
St. Bernard Parish	321-324 361-364 405-408 445-448 509-512 557-560 913-916
St. Charles Parish	169-172 369-372 409-412 513-516 561-564
St. Helena Parish	201-204 353-356 417-420 633-636 677-680 869-872
St. James Parish	97-100 381-384 421-424 465-468 597-600
St. John the Baptist Parish	357-360 505-508 585-588 637-640 717-720 757-760
St. Landry Parish	45-48 129-132 253-256 297-300 345-348 401-404 477-480 529-532 605-608 673-676 757-760 873-876 913-916

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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Parish

St. Martin Parish	13-16 93-96 217-220 289-292 393-396 489-492 565-568 741-744
St. Mary Parish	49-52 249-252 329-332 385-388 425-428 525-528 581-584 621-624 661-664 709-712 781-784 861-864
St. Tammany Parish	53-56 125-128 205-208 325-328 393-396 433-436 489-492 553-556 601-604 781-784 837-840 877-880 917-920
Tangipahoa Parish	13-16 93-96 217-220 293-296 345-348 385-388 449-452 497-500 537-540 593-596 709-712 749-752
Tensas Parish	137-140 213-216 365-368 405-408 445-448 589-592 833-836

Terrebonne Parish	41-44 85-88 125-128 165-168 209-212 281-284 321-324 365-368 433-436 473-476 517-520 557-560 629-632 669-672 749-752 789-792 901-904 941-944
Union Parish	81-84 137-140 177-180 241-244 337-340 465-468 517-520 557-560 601-604 785-788 901-904
Vermilion Parish	41-44 85-88 361-364 437-440 481-484 533-536 573-576 677-680 717-720 821-824 869-872 909-912

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Vernon Parish	177-180 217-220 293-296 353-356 397-400 437-440 485-488 533-536 585-588 625-628 677-680 749-752 833-836
Washington Parish	373-376 413-416 457-460 509-512 565-568 629-632 865-868
Webster Parish	125-128 165-168 245-248 285-288 333-336 385-388 441-444 485-488 537-540 629-632 673-676 745-748 797-800
West Baton Rouge Parish	41-44 81-84 137-140 453-456 557-560 601-604
West Carroll Parish	85-88 173-176 297-300 353-356 437-440 485-488
West Feliciana Parish	49-52 293-296 357-360 481-484 573-576 917-920

Winn Parish	173-176 357-360 433-436 529-532 581-584 713-716 781-784 829-832 873-876

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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

Channel	Parish Assignment
13-16	Ouachita Parish St. Martin Parish Tangipahoa Parish
17-20	Bossier Parish Calcasieu Parish East Baton Rouge Parish Orleans Parish Rapides Parish
41-44	Catahoula Parish Lincoln Parish Sabine Parish Terrebonne Parish Vermilion Parish West Baton Rouge Parish
45-48	Caddo Parish Livingston Parish Morehouse Parish St. Landry Parish
49-52	Franklin Parish Jefferson Davis Parish Natchitoches Parish Plaquemines Parish St. Mary Parish West Feliciana Parish
53-56	Iberville Parish Ouachita Parish St. Tammany Parish
57-60	Bossier Parish Calcasieu Parish East Feliciana Parish Lafayette Parish Lafourche Parish Madison Parish Rapides Parish
81-84	Allen Parish Jefferson Parish Union Parish West Baton Rouge Parish
85-88	Avoyelles Parish Terrebonne Parish Vermilion Parish West Carroll Parish
89-92	East Baton Rouge Parish Franklin Parish Natchitoches Parish Orleans Parish
93-96	Ouachita Parish St. Martin Parish Tangipahoa Parish
97-100	Acadia Parish East Feliciana Parish La Salle Parish St. James Parish
121-124	Ascension Parish Caddo Parish Jackson Parish Lafayette Parish Plaquemines Parish Rapides Parish
125-128	Calcasieu Parish Morehouse Parish St. Tammany Parish Terrebonne Parish Webster Parish
129-132	East Carroll Parish Lincoln Parish Livingston Parish Sabine Parish St. Landry Parish
133-136	Assumption Parish Bossier Parish Caldwell Parish
137-140	Jefferson Parish Jefferson Davis Parish Natchitoches Parish Tensas Parish Union Parish West Baton Rouge Parish
161-164	Caddo Parish East Baton Rouge Parish Orleans Parish
165-168	Lafayette Parish Ouachita Parish Rapides Parish Terrebonne Parish Webster Parish
169-172	Calcasieu Parish Concordia Parish St. Charles Parish
173-176	Evangeline Parish Iberia Parish West Carroll Parish Winn Parish

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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

177-180	Bossier Parish Jefferson Parish Pointe Coupee Parish Union Parish Vernon Parish
201-204	Avoyelles Parish Beauregard Parish Caddo Parish Caldwell Parish Lafourche Parish St. Helena Parish
205-208	Iberville Parish Lincoln Parish St. Tammany Parish
209-212	Calcasieu Parish Lafayette Parish Natchitoches Parish Richland Parish Terrebonne Parish
213-216	Claiborne Parish East Baton Rouge Parish Evangeline Parish Orleans Parish Tensas Parish
217-220	Bossier Parish Ouachita Parish St. Martin Parish Tangipahoa Parish Vernon Parish
241-244	Ascension Parish Avoyelles Parish Caddo Parish Union Parish
245-248	Acadia Parish Grant Parish Jefferson Parish Webster Parish
249-252	Beauregard Parish Lincoln Parish St. Mary Parish
253-256	Livingston Parish Madison Parish Natchitoches Parish St. Landry Parish

257-260	Allen Parish Bossier Parish Iberia Parish Morehouse Parish Orleans Parish
281-284	Calcasieu Parish East Baton Rouge Parish Lafayette Parish Rapides Parish Terrebonne Parish
285-288	Concordia Parish Jefferson Parish Ouachita Parish Sabine Parish Webster Parish
289-292	Caddo Parish Grant Parish St. Martin Parish
293-296	Caldwell Parish Cameron Parish Tangipahoa Parish Vernon Parish West Feliciana Parish
297-300	Bossier Parish Orleans Parish St. Landry Parish West Carroll Parish
321-324	Bienville Parish East Baton Rouge Parish Lafayette Parish Rapides Parish St. Bernard Parish Terrebonne Parish
325-328	Calcasieu Parish Concordia Parish Ouachita Parish Sabine Parish St. Tammany Parish
329-332	Caddo Parish Grant Parish Livingston Parish St. Mary Parish
333-336	Evangeline Parish Richland Parish Webster Parish
337-340	Jefferson Parish Natchitoches Parish Pointe Coupee Parish Union Parish

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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

341-344	Ascension Parish Bossier Parish Caldwell Parish
345-348	St. Landry Parish Tangipahoa Parish
349-352	Cameron Parish De Soto Parish Lafourche Parish Lincoln Parish
353-356	Catahoula Parish Iberia Parish Orleans Parish St. Helena Parish Vernon Parish West Carroll Parish
357-360	St. John the Baptist Parish West Feliciana Parish Winn Parish
361-364	Claiborne Parish East Carroll Parish Rapides Parish St. Bernard Parish Vermilion Parish
365-368	East Baton Rouge Parish Jackson Parish Tensas Parish Terrebonne Parish
369-372	Acadia Parish Grant Parish St. Charles Parish
373-376	Caddo Parish Iberville Parish Ouachita Parish Washington Parish
377-380	Calcasieu Parish Franklin Parish Jefferson Parish Lafayette Parish Natchitoches Parish
381-384	Pointe Coupee Parish St. James Parish
385-388	Beauregard Parish Morehouse Parish St. Mary Parish Tangipahoa Parish Webster Parish
389-392	Ascension Parish Evangeline Parish Lincoln Parish Madison Parish Plaquemines Parish
393-396	La Salle Parish St. Martin Parish St. Tammany Parish
397-400	Bossier Parish Cameron Parish Livingston Parish Vernon Parish
401-404	Claiborne Parish Lafourche Parish Richland Parish St. Landry Parish
405-408	De Soto Parish East Baton Rouge Parish St. Bernard Parish Tensas Parish
409-412	Avoyelles Parish Bienville Parish St. Charles Parish
413-416	Iberville Parish Jefferson Davis Parish Ouachita Parish Washington Parish
417-420	Catahoula Parish Lafayette Parish Orleans Parish Sabine Parish St. Helena Parish
421-424	East Carroll Parish Pointe Coupee Parish Red River Parish St. James Parish
425-428	Calcasieu Parish Jefferson Parish Morehouse Parish Rapides Parish St. Mary Parish
429-432	Ascension Parish Concordia Parish Lincoln Parish

SRC - M Daly, 05/23/08
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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

433-436	Evangeline Parish St. Tammany Parish Terrebonne Parish Winn Parish
437-440	Caddo Parish Livingston Parish Vermilion Parish Vernon Parish West Carroll Parish
441-444	La Salle Parish Lafourche Parish Webster Parish
445-448	Allen Parish East Baton Rouge Parish Jackson Parish St. Bernard Parish Tensas Parish
449-452	Avoyelles Parish De Soto Parish Tangipahoa Parish
453-456	Acadia Parish Bienville Parish Plaquemines Parish Richland Parish West Baton Rouge Parish
457-460	Assumption Parish Beauregard Parish Grant Parish Washington Parish
461-464	Bossier Parish Caldwell Parish Lafayette Parish Orleans Parish
465-468	Calcasieu Parish Pointe Coupee Parish Sabine Parish St. James Parish Union Parish
469-472	Iberia Parish Jefferson Parish Rapides Parish
473-476	East Feliciana Parish Franklin Parish Jefferson Davis Parish Red River Parish Terrebonne Parish

477-480	Ascension Parish Claiborne Parish St. Landry Parish
481-484	Caddo Parish Lafourche Parish Ouachita Parish Vermilion Parish West Feliciana Parish
485-488	Livingston Parish Vernon Parish Webster Parish West Carroll Parish
489-492	De Soto Parish La Salle Parish Lincoln Parish St. Martin Parish St. Tammany Parish
493-496	Acadia Parish East Baton Rouge Parish Morehouse Parish Plaquemines Parish
497-500	Beauregard Parish Bienville Parish Catahoula Parish Tangipahoa Parish
501-504	Assumption Parish Lafayette Parish Orleans Parish Richland Parish
505-508	Bossier Parish Calcasieu Parish St. John the Baptist Parish
509-512	Avoyelles Parish Caldwell Parish Iberia Parish St. Bernard Parish Washington Parish
513-516	East Feliciana Parish Madison Parish Natchitoches Parish St. Charles Parish
517-520	Evangeline Parish Terrebonne Parish Union Parish
521-524	Cameron Parish Iberville Parish

SRC - M Daly, 05/23/08
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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

525-528	Claiborne Parish Concordia Parish East Carroll Parish Jefferson Parish St. Mary Parish
529-532	Ascension Parish St. Landry Parish Winn Parish
533-536	Caddo Parish Lafourche Parish Ouachita Parish Vermilion Parish Vernon Parish
537-540	Franklin Parish Pointe Coupee Parish Tangipahoa Parish Webster Parish
541-544	Assumption Parish Jackson Parish Lafayette Parish Orleans Parish Rapides Parish
545-548	Calcasieu Parish De Soto Parish East Baton Rouge Parish
549-552	Acadia Parish Catahoula Parish Lincoln Parish Plaquemines Parish
553-556	Iberia Parish Natchitoches Parish Richland Parish St. Tammany Parish
557-560	Bossier Parish Jefferson Davis Parish St. Bernard Parish Terrebonne Parish Union Parish West Baton Rouge Parish
561-564	Avoyelles Parish Madison Parish St. Charles Parish
565-568	Bienville Parish Morehouse Parish St. Martin Parish Washington Parish
569-572	Allen Parish Ascension Parish La Salle Parish Sabine Parish
573-576	Jefferson Parish Red River Parish Vermilion Parish West Feliciana Parish
577-580	Iberville Parish Ouachita Parish
581-584	East Feliciana Parish Orleans Parish St. Mary Parish Winn Parish
585-588	Claiborne Parish Lafayette Parish St. John the Baptist Parish Vernon Parish
589-592	Calcasieu Parish East Baton Rouge Parish Jackson Parish Plaquemines Parish Tensas Parish
593-596	Iberia Parish Rapides Parish Richland Parish Tangipahoa Parish
597-600	Acadia Parish De Soto Parish St. James Parish
601-604	Beauregard Parish Grant Parish St. Tammany Parish Union Parish West Baton Rouge Parish
605-608	Bienville Parish Livingston Parish St. Landry Parish
609-612	Allen Parish East Carroll Parish La Salle Parish
613-616	Cameron Parish Lafourche Parish Morehouse Parish Pointe Coupee Parish

R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

617-620	Bossier Parish Franklin Parish
621-624	East Feliciana Parish Evangeline Parish Jefferson Parish Ouachita Parish St. Mary Parish
625-628	Ascension Parish Caddo Parish Catahoula Parish Lafayette Parish Vernon Parish
629-632	Calcasieu Parish Madison Parish Terrebonne Parish Washington Parish Webster Parish
633-636	Iberia Parish Orleans Parish Rapides Parish St. Helena Parish
637-640	Acadia Parish Concordia Parish De Soto Parish Lincoln Parish St. John the Baptist Parish
661-664	Allen Parish East Feliciana Parish Jefferson Parish Ouachita Parish St. Mary Parish
665-668	La Salle Parish Lafayette Parish
669-672	Cameron Parish East Baton Rouge Parish Natchitoches Parish Richland Parish Terrebonne Parish
673-676	Orleans Parish St. Landry Parish Webster Parish
677-680	Caddo Parish Concordia Parish Jackson Parish Lafourche Parish St. Helena Parish Vermilion Parish Vernon Parish

701-704	Bienville Parish Calcasieu Parish East Feliciana Parish Jefferson Parish Morehouse Parish Rapides Parish
705-708	Ascension Parish Franklin Parish Lafayette Parish Sabine Parish
709-712	Bossier Parish Evangeline Parish Ouachita Parish St. Mary Parish Tangipahoa Parish
713-716	Beauregard Parish East Baton Rouge Parish Orleans Parish Winn Parish
717-720	Avoyelles Parish Red River Parish Richland Parish St. John the Baptist Parish Vermilion Parish
741-744	Calcasieu Parish Jefferson Parish Morehouse Parish Rapides Parish St. Martin Parish
745-748	Ascension Parish Madison Parish Webster Parish
749-752	Caddo Parish Catahoula Parish Lafayette Parish Tangipahoa Parish Terrebonne Parish Vernon Parish
753-756	East Baton Rouge Parish Grant Parish Jefferson Davis Parish Orleans Parish
757-760	Ouachita Parish St. John the Baptist Parish St. Landry Parish
781-784	Acadia Parish St. Mary Parish St. Tammany Parish Winn Parish

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R18 (Louisiana) CAPRAD Repack 2008: Assignments by Channel

785-788	Bossier Parish Livingston Parish Rapides Parish Union Parish
789-792	Calcasieu Parish Franklin Parish Lafayette Parish Sabine Parish Terrebonne Parish
793-796	Caddo Parish East Baton Rouge Parish Grant Parish Jefferson Parish
797-800	Avoyelles Parish Beauregard Parish Iberia Parish Ouachita Parish Webster Parish
821-824	Assumption Parish Concordia Parish Morehouse Parish Orleans Parish Vermilion Parish
825-828	Lincoln Parish Livingston Parish Rapides Parish
829-832	Lafayette Parish Lafourche Parish Winn Parish
833-836	Claiborne Parish East Baton Rouge Parish Tensas Parish Vernon Parish
837-840	Avoyelles Parish Bossier Parish Iberia Parish Ouachita Parish St. Tammany Parish
861-864	Caddo Parish East Carroll Parish Jefferson Parish St. Mary Parish
865-868	Calcasieu Parish Iberville Parish Lincoln Parish Rapides Parish Washington Parish
869-872	Concordia Parish Orleans Parish Red River Parish St. Helena Parish Vermilion Parish
873-876	Lafourche Parish St. Landry Parish Winn Parish
877-880	Allen Parish Bossier Parish Iberia Parish Ouachita Parish St. Tammany Parish
901-904	Caddo Parish East Baton Rouge Parish Lafayette Parish Terrebonne Parish Union Parish
905-908	Calcasieu Parish Jefferson Parish Rapides Parish
909-912	Ascension Parish Jackson Parish Vermilion Parish
913-916	Claiborne Parish Grant Parish Morehouse Parish St. Bernard Parish St. Landry Parish
917-920	Bossier Parish Franklin Parish Iberia Parish Jefferson Davis Parish St. Tammany Parish West Feliciana Parish
941-944	Caddo Parish East Baton Rouge Parish Lafayette Parish Ouachita Parish Terrebonne Parish
945-948	Calcasieu Parish Jefferson Parish Rapides Parish

APPENDIX H

Inter-Regional Coordination Procedures and Dispute Resolution Agreements

REGION 4

June 12, 2008

Mr. Bill Vincent
800 South Buchanan Street Parish Courthouse Basement
Lafayette, LA 70501-3286
Region 18 Chair

RE: Letter of Concurrence

After review of Louisiana Region 18 700 MHz plan. Arkansas Region 4 concurs. If the Arkansas Regional Planning Committee can be of further service please do not hesitate to contact us.

Sincerely,

Carl W. Jacobs
Region 4 Chair

Inter-Regional Dispute Resolution Agreement

Region 4

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, Region 18 and Region 4.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Region 18 and Region 4 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, or by email.

[1] If an applicant's proposed service area <u>or interference contour</u> 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. <u>Interference contour shall normally be defined as a 5 dBu co-channel contour or a 60 dBu adjacent channel</u>

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database or by email, 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 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). 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 concurrences 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, Region 18 and Region 4 do hereunto set their signatures the day and year first above written.

Respectfully,

[all signatories to agreement]

Date: 6-12-08

Regional Chairman
Carl W. Jacobs
3200 Brown Street
Little Rock, AR 72204
(501) 340-6750, phone
(501) 340-6706, fax
pccd@aristotle.net

Regional Chairman
William R. Vincent
Lafayette Parish Communication District
P.O. Box 3286
Lafayette, LA 70502
(337) 291-5060, phone
(337) 291-5080, fax
eoc@lafayettegov.net

REGION 23

08/19/2008 15:01 01062006 PAGE 01

STATE OF MISSISSIPPI
Haley Barbour, Governor
DEPARTMENT OF PUBLIC SAFETY

Mississippi Highway Patrol
Communications Bureau
1900 East Woodrow Wilson Avenue
Jackson, MS 39216
337-291-5080

PLEASE DELIVER IMMEDIATELY

DATE: 8/19/08 TIME: _____ a.m./ p.m.

TO: _____

ATTENTION: Linda Lavergne

FROM: Jan Thrash

FAX NUMBER: (601) 933-2673

CONTACT NUMBER: (601) 933-2605

COVER AND 4 PAGES TO FOLLOW

COMMENTS: Please see attached.

REGION 23 HAS INDICATED ITS APPROVAL OF THE
REGION 18 PLAN BY SO ENTERING ON CAPRAD

Thank You

REPLY NEEDED: YES NO

MISSISSIPPI HIGHWAY SAFETY PATROL
COURTESY • SERVICE SAFETY

Post Office Box 958 Jackson, Mississippi 39205-0958

Inter-Regional Dispute Resolution Agreement

Region 23

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, Region 18 and Region 23.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Region 18 and Region 23 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, or by email.

[1] If an applicant's proposed service area <u>or interference contour</u> 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. <u>Interference contour shall normally be defined as a 5 dBu co-channel contour or a 60 dBu adjacent channel</u>

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database or by email, 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 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). 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 concurrences 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, Region 18 and Region 23 do hereunto set their signatures the day and year first above written.

Respectfully,

[all signatories to agreement]

Donald W. Loper

Date: 8/19/08

Regional Chairman
Donald W. Loper
Director of Communications, MDPS/MHSP
1401 Walnut Street
Vicksburg, MS 39180
(601) 933-2605, phone
(601) 933-2673, fax
dloper@mdps.state.ms.us

Regional Chairman
William R. Vincent
Lafayette Parish Communication District
P.O. Box 3286
Lafayette, LA 70502
(337) 291-5060, phone
(337) 291-5080, fax
coc@lafayettegov.net

REGION 40

North Central Texas Council Of Governments

February 25, 2008

William R. Vincent, Chair
Region 18
P.O. Box 3286
Lafayette, LA 70502
February 25, 2008

Dear Mr. Vincent:
Please let this correspondence serve to inform you that the Region 40, Regional Review Committee recommends approval of Region 18's 700 MHz Plan. Should you need additional information, please do not hesitate to let me know.

Fred Keithley
Region 40 Coordinator

616 Six Flags Drive, Centerpoint Two
P. O. Box 5888, Arlington, Texas 76005-5888
(817) 640-3300 FAX: 817-640-7806 recycled paper
www.nctcog.org

Inter-Regional Dispute Resolution Agreement

Region 40

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, Region 18 and Region xx.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Region 18 and Region 40 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, or by email.

[1] If an applicant's proposed service area <u>or interference contour</u> 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. <u>Interference contour shall normally be defined as a 5 dBu co-channel contour or a 60 dBu adjacent channel</u>

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database or by email, 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 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). 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 concurrences 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, Region 18 and Region 40 do hereunto set their signatures the day and year first above written.

Respectfully,

_____

_____

_____

_____

Date: 2-27-08

Regional Chairman

Gerard Eads

Communications Services Administrator

City of Arlington

201 E Abrams

Arlington, Texas 76010

(817) 459-6151, phone

(817) 459-6199, fax

Gerard.Eads@arlingtontx.gov

Fred Keithley, Region 4 Coordinator for Chairman Gerard Eads

Regional Chairman

William R. Vincent

Lafayette Parish Communication District

P.O. Box 3286

Lafayette, LA 70502

(337) 291-5060, phone

(337) 291-5080, fax

coc@lafayettegov.net

REGION 51

RECEIVED
FEB 11 2008
LAFAYETTE PARISH
COMMUNICATION DISTRICT

February 6th, 2008

William R. Vincent, Chair
Region 18
P.O. Box 3286
Lafayette, LA 70502

RE: Region 18 700 MHz Regional Plan

Mr. Vincent:

The Region 51 RPC has reviewed the proposed Region 18 700 MHz Regional Plan. Region 51 concurs with the proposed Region 18 700 MHz Regional Plan.

Regards,

Doug Frankhouser, Chair
Region 51 Regional Planning Committee

Cc: Craig Bernard, Vice-Chair R51 RPC
John Chaney, R51 RPC Frequency Coordination Sub-Committee

Region 51 RPC

Page 1 of 1

Inter-Regional Dispute Resolution Agreement

Region 51

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, Region 18 and Region 51.

II. INTER-REGIONAL COORDINATION AGREEMENT

2. The following is the specific procedure for inter-regional coordination which has been agreed upon by Region 18 and Region 51 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, or by email.

[1] If an applicant's proposed service area <u>or interference contour</u> 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. <u>Interference contour shall normally be defined as a 5 dBu co-channel contour or a 60 dBu adjacent channel</u>

f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database or by email, 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 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). 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 concurrences 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, Region 18 and Region 51 do hereunto set their signatures the day and year first above written.

Respectfully,

[all signatories to agreement]

Date: 2/6/2008

Regional Chairman

Douglas Frankhouser
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APPENDIX I

Channel Numbers and Channel Center Frequencies
Narrowband Segments of the 769-775 MHz and 799-805 MHz Bands

Revised: August 13, 2008

Narrowband Base Channels						Narrowband Mobile Channels				
Channel Number	Center Frequency			Allocation		Channel Number	Center Frequency			Allocation
	6.25 kHz	12.5 kHz	25 kHz				6.25 kHz	12.5 kHz	25 kHz	
1	769.003125	769.00625	769.01250	low power		961	799.0031250	799.00625	799.01250	low power
2	769.009375			low power		962	799.0093750			low power
3	769.015625	769.01875		low power		963	799.0156250	799.01875		low power
4	769.021875			low power		964	799.0218750			low power
5	769.028125	769.03125	769.03750	low power		965	799.0281250	799.03125	799.03750	low power
6	769.034375			low power		966	799.0343750			low power
7	769.040625	769.04375		low power		967	799.0406250	799.04375		low power
8	769.046875			low power		968	799.0468750			low power
9	769.053125	769.05625	769.06250	low power		969	799.0531250	799.05625	799.06250	low power
10	769.059375			low power		970	799.0593750			low power
11	769.065625	769.06875		low power		971	799.0656250	799.06875		low power
12	769.071875			low power		972	799.0718750			low power
13	769.078125	769.08125	769.08750	General Use		973	799.0781250	799.08125	799.08750	General Use
14	769.084375			General Use		974	799.0843750			General Use
15	769.090625	769.09375		General Use		975	799.0906250	799.09375		General Use
16	769.096875			General Use		976	799.0968750			General Use
17	769.103125	769.10625	769.11250	General Use		977	799.1031250	799.10625	799.11250	General Use
18	769.109375			General Use		978	799.1093750			General Use
19	769.115625	769.11875		General Use		979	799.1156250	799.11875		General Use
20	769.121875			General Use		980	799.1218750			General Use
21	769.128125	769.13125	769.13750	Secondary Trunking		981	799.1281250	799.13125	799.13750	Secondary Trunking
22	769.134375			Secondary Trunking		982	799.1343750			Secondary Trunking
23	769.140625	769.14375		Interoperability		983	799.1406250	799.14375		Interoperability
24	769.146875			Interoperability		984	799.1468750			Interoperability

25	769.153125	769.15625	769.16250	State license		985	799.1531250	799.15625	799.16250	State license
26	769.159375			State license		986	799.1593750			State license
27	769.165625	769.16875		State license		987	799.1656250	799.16875		State license
28	769.171875			State license		988	799.1718750			State license
29	769.178125	769.18125	769.18750	State license		989	799.1781250	799.18125	799.18750	State license
30	769.184375			State license		990	799.1843750			State license
31	769.190625	769.19375		State license		991	799.1906250	799.19375		State license
32	769.196875			State license		992	799.1968750			State license
33	769.203125	769.20625	769.21250	State license		993	799.2031250	799.20625	799.21250	State license
34	769.209375			State license		994	799.2093750			State license
35	769.215625	769.21875		State license		995	799.2156250	799.21875		State license
36	769.221875			State license		996	799.2218750			State license
37	769.228125	769.23125	769.23750	Reserve		997	799.2281250	799.23125	799.23750	Reserve
38	769.234375			Reserve		998	799.2343750			Reserve
39	769.240625	769.24375		I/O Nationwide Call		999	799.2406250	799.24375		I/O Nationwide Call
40	769.246875			I/O Nationwide Call		1000	799.2468750			I/O Nationwide Call
41	769.253125	769.25625	769.26250	General Use		1001	799.2531250	799.25625	799.26250	General Use
42	769.259375			General Use		1002	799.2593750			General Use
43	769.265625	769.26875		General Use		1003	799.2656250	799.26875		General Use
44	769.271875			General Use		1004	799.2718750			General Use
45	769.278125	769.28125	769.28750	General Use		1005	799.2781250	799.28125	799.28750	General Use
46	769.284375			General Use		1006	799.2843750			General Use
47	769.290625	769.29375		General Use		1007	799.2906250	799.29375		General Use
48	769.296875			General Use		1008	799.2968750			General Use
49	769.303125	769.30625	769.31250	General Use		1009	799.3031250	799.30625	799.31250	General Use
50	769.309375			General Use		1010	799.3093750			General Use
51	769.315625	769.31875		General Use		1011	799.3156250	799.31875		General Use
52	769.321875			General Use		1012	799.3218750			General Use
53	769.328125	769.33125	769.33750	General Use		1013	799.3281250	799.33125	799.33750	General Use
54	769.334375			General Use		1014	799.3343750			General Use
55	769.340625	769.34375		General Use		1015	799.3406250	799.34375		General Use

56	769.346875			General Use		1016	799.3468750			General Use
57	769.353125	769.35625	769.36250	General Use		1017	799.3531250	799.35625	799.36250	General Use
58	769.359375			General Use		1018	799.3593750			General Use
59	769.365625	769.36875		General Use		1019	799.3656250	799.36875		General Use
60	769.371875			General Use		1020	799.3718750			General Use
61	769.378125	769.38125	769.38750	Reserve		1021	799.3781250	799.38125	799.38750	Reserve
62	769.384375			Reserve		1022	799.3843750			Reserve
63	769.390625	769.39375		Interoperability		1023	799.3906250	799.39375		Interoperability
64	769.396875			Interoperability		1024	799.3968750			Interoperability
65	769.403125	769.40625	769.41250	State license		1025	799.4031250	799.40625	799.41250	State license
66	769.409375			State license		1026	799.4093750			State license
67	769.415625	769.41875		State license		1027	799.4156250	799.41875		State license
68	769.421875			State license		1028	799.4218750			State license
69	769.428125	769.43125	769.43750	State license		1029	799.4281250	799.43125	799.43750	State license
70	769.434375			State license		1030	799.4343750			State license
71	769.440625	769.44375		State license		1031	799.4406250	799.44375		State license
72	769.446875			State license		1032	799.4468750			State license
73	769.453125	769.45625	769.46250	State license		1033	799.4531250	799.45625	799.46250	State license
74	769.459375			State license		1034	799.4593750			State license
75	769.465625	769.46875		State license		1035	799.4656250	799.46875		State license
76	769.471875			State license		1036	799.4718750			State license
77	769.478125	769.48125	769.48750	Reserve		1037	799.4781250	799.48125	799.48750	Reserve
78	769.484375			Reserve		1038	799.4843750			Reserve
79	769.490625	769.49375		Interoperability		1039	799.4906250	799.49375		Interoperability
80	769.496875			Interoperability		1040	799.4968750			Interoperability
81	769.503125	769.50625	769.51250	General Use		1041	799.5031250	799.50625	799.51250	General Use
82	769.509375			General Use		1042	799.5093750			General Use
83	769.515625	769.51875		General Use		1043	799.5156250	799.51875		General Use
84	769.521875			General Use		1044	799.5218750			General Use
85	769.528125	769.53125	769.53750	General Use		1045	799.5281250	799.53125	799.53750	General Use
86	769.534375			General Use		1046	799.5343750			General Use

87	769.540625	769.54375		General Use	1047	799.5406250	799.54375		General Use
88	769.546875			General Use	1048	799.5468750			General Use
89	769.553125	769.55625	769.56250	General Use	1049	799.5531250	799.55625	799.56250	General Use
90	769.559375			General Use	1050	799.5593750			General Use
91	769.565625	769.56875		General Use	1051	799.5656250	799.56875		General Use
92	769.571875			General Use	1052	799.5718750			General Use
93	769.578125	769.58125	769.58750	General Use	1053	799.5781250	799.58125	799.58750	General Use
94	769.584375			General Use	1054	799.5843750			General Use
95	769.590625	769.59375		General Use	1055	799.5906250	799.59375		General Use
96	769.596875			General Use	1056	799.5968750			General Use
97	769.603125	769.60625	769.61250	General Use	1057	799.6031250	799.60625	799.61250	General Use
98	769.609375			General Use	1058	799.6093750			General Use
99	769.615625	769.61875		General Use	1059	799.6156250	799.61875		General Use
100	769.621875			General Use	1060	799.6218750			General Use
101	769.628125	769.63125	769.63750	Secondary Trunking	1061	799.6281250	799.63125	799.63750	Secondary Trunking
102	769.634375			Secondary Trunking	1062	799.6343750			Secondary Trunking
103	769.640625	769.64375		Interoperability	1063	799.6406250	799.64375		Interoperability
104	769.646875			Interoperability	1064	799.6468750			Interoperability
105	769.653125	769.65625	769.66250	State license	1065	799.6531250	799.65625	799.66250	State license
106	769.659375			State license	1066	799.6593750			State license
107	769.665625	769.66875		State license	1067	799.6656250	799.66875		State license
108	769.671875			State license	1068	799.6718750			State license
109	769.678125	769.68125	769.68750	State license	1069	799.6781250	799.68125	799.68750	State license
110	769.684375			State license	1070	799.6843750			State license
111	769.690625	769.69375		State license	1071	799.6906250	799.69375		State license
112	769.696875			State license	1072	799.6968750			State license
113	769.703125	769.70625	769.71250	State license	1073	799.7031250	799.70625	799.71250	State license
114	769.709375			State license	1074	799.7093750			State license
115	769.715625	769.71875		State license	1075	799.7156250	799.71875		State license
116	769.721875			State license	1076	799.7218750			State license
117	769.728125	769.73125	769.73750	Reserve	1077	799.7281250	799.73125	799.73750	Reserve

118	769.734375			Reserve		1078	799.7343750			Reserve
119	769.740625	769.74375		Interoperability		1079	799.7406250	799.74375		Interoperability
120	769.746875			Interoperability		1080	799.7468750			Interoperability
121	769.753125	769.75625	769.76250	General Use		1081	799.7531250	799.75625	799.76250	General Use
122	769.759375			General Use		1082	799.7593750			General Use
123	769.765625	769.76875		General Use		1083	799.7656250	799.76875		General Use
124	769.771875			General Use		1084	799.7718750			General Use
125	769.778125	769.78125	769.78750	General Use		1085	799.7781250	799.78125	799.78750	General Use
126	769.784375			General Use		1086	799.7843750			General Use
127	769.790625	769.79375		General Use		1087	799.7906250	799.79375		General Use
128	769.796875			General Use		1088	799.7968750			General Use
129	769.803125	769.80625	769.81250	General Use		1089	799.8031250	799.80625	799.81250	General Use
130	769.809375			General Use		1090	799.8093750			General Use
131	769.815625	769.81875		General Use		1091	799.8156250	799.81875		General Use
132	769.821875			General Use		1092	799.8218750			General Use
133	769.828125	769.83125	769.83750	General Use		1093	799.8281250	799.83125	799.83750	General Use
134	769.834375			General Use		1094	799.8343750			General Use
135	769.840625	769.84375		General Use		1095	799.8406250	799.84375		General Use
136	769.846875			General Use		1096	799.8468750			General Use
137	769.853125	769.85625	769.86250	General Use		1097	799.8531250	799.85625	799.86250	General Use
138	769.859375			General Use		1098	799.8593750			General Use
139	769.865625	769.86875		General Use		1099	799.8656250	799.86875		General Use
140	769.871875			General Use		1100	799.8718750			General Use
141	769.878125	769.88125	769.88750	Reserve		1101	799.8781250	799.88125	799.88750	Reserve
142	769.884375			Reserve		1102	799.8843750			Reserve
143	769.890625	769.89375		Interoperability		1103	799.8906250	799.89375		Interoperability
144	769.896875			Interoperability		1104	799.8968750			Interoperability
145	769.903125	769.90625	769.91250	State license		1105	799.9031250	799.90625	799.91250	State license
146	769.909375			State license		1106	799.9093750			State license
147	769.915625	769.91875		State license		1107	799.9156250	799.91875		State license
148	769.921875			State license		1108	799.9218750			State license

149	769.928125	769.93125	769.93750	State license		1109	799.9281250	799.93125	799.93750	State license
150	769.934375			State license		1110	799.9343750			State license
151	769.940625	769.94375		State license		1111	799.9406250	799.94375		State license
152	769.946875			State license		1112	799.9468750			State license
153	769.953125	769.95625	769.96250	State license		1113	799.9531250	799.95625	799.96250	State license
154	769.959375			State license		1114	799.9593750			State license
155	769.965625	769.96875		State license		1115	799.9656250	799.96875		State license
156	769.971875			State license		1116	799.9718750			State license
157	769.978125	769.98125	769.98750	Reserve		1117	799.9781250	799.98125	799.98750	Reserve
158	769.984375			Reserve		1118	799.9843750			Reserve
159	769.990625	769.99375		Interoperability		1119	799.9906250	799.99375		Interoperability
160	769.996875			Interoperability		1120	799.9968750			Interoperability
161	770.003125	770.00625	770.01250	General Use		1121	800.0031250	800.00625	800.01250	General Use
162	770.009375			General Use		1122	800.0093750			General Use
163	770.015625	770.01875		General Use		1123	800.0156250	800.01875		General Use
164	770.021875			General Use		1124	800.0218750			General Use
165	770.028125	770.03125	770.03750	General Use		1125	800.0281250	800.03125	800.03750	General Use
166	770.034375			General Use		1126	800.0343750			General Use
167	770.040625	770.04375		General Use		1127	800.0406250	800.04375		General Use
168	770.046875			General Use		1128	800.0468750			General Use
169	770.053125	770.05625	770.06250	General Use		1129	800.0531250	800.05625	800.06250	General Use
170	770.059375			General Use		1130	800.0593750			General Use
171	770.065625	770.06875		General Use		1131	800.0656250	800.06875		General Use
172	770.071875			General Use		1132	800.0718750			General Use
173	770.078125	770.08125	770.08750	General Use		1133	800.0781250	800.08125	800.08750	General Use
174	770.084375			General Use		1134	800.0843750			General Use
175	770.090625	770.09375		General Use		1135	800.0906250	800.09375		General Use
176	770.096875			General Use		1136	800.0968750			General Use
177	770.103125	770.10625	770.11250	General Use		1137	800.1031250	800.10625	800.11250	General Use
178	770.109375			General Use		1138	800.1093750			General Use
179	770.115625	770.11875		General Use		1139	800.1156250	800.11875		General Use

180	770.121875			General Use	1140	800.1218750			General Use
181	770.128125	770.13125	770.13750	Secondary Trunking	1141	800.1281250	800.13125	800.13750	Secondary Trunking
182	770.134375			Secondary Trunking	1142	800.1343750			Secondary Trunking
183	770.140625	770.14375		Interoperability	1143	800.1406250	800.14375		Interoperability
184	770.146875			Interoperability	1144	800.1468750			Interoperability
185	770.153125	770.15625	770.16250	State license	1145	800.1531250	800.15625	800.16250	State license
186	770.159375			State license	1146	800.1593750			State license
187	770.165625	770.16875		State license	1147	800.1656250	800.16875		State license
188	770.171875			State license	1148	800.1718750			State license
189	770.178125	770.18125	770.18750	State license	1149	800.1781250	800.18125	800.18750	State license
190	770.184375			State license	1150	800.1843750			State license
191	770.190625	770.19375		State license	1151	800.1906250	800.19375		State license
192	770.196875			State license	1152	800.1968750			State license
193	770.203125	770.20625	770.21250	State license	1153	800.2031250	800.20625	800.21250	State license
194	770.209375			State license	1154	800.2093750			State license
195	770.215625	770.21875		State license	1155	800.2156250	800.21875		State license
196	770.221875			State license	1156	800.2218750			State license
197	770.228125	770.23125	770.23750	Reserve	1157	800.2281250	800.23125	800.23750	Reserve
198	770.234375			Reserve	1158	800.2343750			Reserve
199	770.240625	770.24375		Interoperability	1159	800.2406250	800.24375		Interoperability
200	770.246875			Interoperability	1160	800.2468750			Interoperability
201	770.253125	770.25625	770.26250	General Use	1161	800.2531250	800.25625	800.26250	General Use
202	770.259375			General Use	1162	800.2593750			General Use
203	770.265625	770.26875		General Use	1163	800.2656250	800.26875		General Use
204	770.271875			General Use	1164	800.2718750			General Use
205	770.278125	770.28125	770.28750	General Use	1165	800.2781250	800.28125	800.28750	General Use
206	770.284375			General Use	1166	800.2843750			General Use
207	770.290625	770.29375		General Use	1167	800.2906250	800.29375		General Use
208	770.296875			General Use	1168	800.2968750			General Use
209	770.303125	770.30625	770.31250	General Use	1169	800.3031250	800.30625	800.31250	General Use
210	770.309375			General Use	1170	800.3093750			General Use

211	770.315625	770.31875		General Use		1171	800.3156250	800.31875		General Use
212	770.321875			General Use		1172	800.3218750			General Use
213	770.328125	770.33125	770.33750	General Use		1173	800.3281250	800.33125	800.33750	General Use
214	770.334375			General Use		1174	800.3343750			General Use
215	770.340625	770.34375		General Use		1175	800.3406250	800.34375		General Use
216	770.346875			General Use		1176	800.3468750			General Use
217	770.353125	770.35625	770.36250	General Use		1177	800.3531250	800.35625	800.36250	General Use
218	770.359375			General Use		1178	800.3593750			General Use
219	770.365625	770.36875		General Use		1179	800.3656250	800.36875		General Use
220	770.371875			General Use		1180	800.3718750			General Use
221	770.378125	770.38125	770.38750	Reserve		1181	800.3781250	800.38125	800.38750	Reserve
222	770.384375			Reserve		1182	800.3843750			Reserve
223	770.390625	770.39375		Interoperability		1183	800.3906250	800.39375		Interoperability
224	770.396875			Interoperability		1184	800.3968750			Interoperability
225	770.403125	770.40625	770.41250	State license		1185	800.4031250	800.40625	800.41250	State license
226	770.409375			State license		1186	800.4093750			State license
227	770.415625	770.41875		State license		1187	800.4156250	800.41875		State license
228	770.421875			State license		1188	800.4218750			State license
229	770.428125	770.43125	770.43750	State license		1189	800.4281250	800.43125	800.43750	State license
230	770.434375			State license		1190	800.4343750			State license
231	770.440625	770.44375		State license		1191	800.4406250	800.44375		State license
232	770.446875			State license		1192	800.4468750			State license
233	770.453125	770.45625	770.46250	State license		1193	800.4531250	800.45625	800.46250	State license
234	770.459375			State license		1194	800.4593750			State license
235	770.465625	770.46875		State license		1195	800.4656250	800.46875		State license
236	770.471875			State license		1196	800.4718750			State license
237	770.478125	770.48125	770.48750	Reserve		1197	800.4781250	800.48125	800.48750	Reserve
238	770.484375			Reserve		1198	800.4843750			Reserve
239	770.490625	770.49375		Interoperability		1199	800.4906250	800.49375		Interoperability
240	770.496875			Interoperability		1200	800.4968750			Interoperability
241	770.503125	770.50625	770.51250	General Use		1201	800.5031250	800.50625	800.51250	General Use

242	770.509375			General Use	1202	800.5093750			General Use
243	770.515625	770.51875		General Use	1203	800.5156250	800.51875		General Use
244	770.521875			General Use	1204	800.5218750			General Use
245	770.528125	770.53125	770.53750	General Use	1205	800.5281250	800.53125	800.53750	General Use
246	770.534375			General Use	1206	800.5343750			General Use
247	770.540625	770.54375		General Use	1207	800.5406250	800.54375		General Use
248	770.546875			General Use	1208	800.5468750			General Use
249	770.553125	770.55625	770.56250	General Use	1209	800.5531250	800.55625	800.56250	General Use
250	770.559375			General Use	1210	800.5593750			General Use
251	770.565625	770.56875		General Use	1211	800.5656250	800.56875		General Use
252	770.571875			General Use	1212	800.5718750			General Use
253	770.578125	770.58125	770.58750	General Use	1213	800.5781250	800.58125	800.58750	General Use
254	770.584375			General Use	1214	800.5843750			General Use
255	770.590625	770.59375		General Use	1215	800.5906250	800.59375		General Use
256	770.596875			General Use	1216	800.5968750			General Use
257	770.603125	770.60625	770.61250	General Use	1217	800.6031250	800.60625	800.61250	General Use
258	770.609375			General Use	1218	800.6093750			General Use
259	770.615625	770.61875		General Use	1219	800.6156250	800.61875		General Use
260	770.621875			General Use	1220	800.6218750			General Use
261	770.628125	770.63125	770.63750	Secondary Trunking	1221	800.6281250	800.63125	800.63750	Secondary Trunking
262	770.634375			Secondary Trunking	1222	800.6343750			Secondary Trunking
263	770.640625	770.64375		Interoperability	1223	800.6406250	800.64375		Interoperability
264	770.646875			Interoperability	1224	800.6468750			Interoperability
265	770.653125	770.65625	770.66250	State license	1225	800.6531250	800.65625	800.66250	State license
266	770.659375			State license	1226	800.6593750			State license
267	770.665625	770.66875		State license	1227	800.6656250	800.66875		State license
268	770.671875			State license	1228	800.6718750			State license
269	770.678125	770.68125	770.68750	State license	1229	800.6781250	800.68125	800.68750	State license
270	770.684375			State license	1230	800.6843750			State license
271	770.690625	770.69375		State license	1231	800.6906250	800.69375		State license
272	770.696875			State license	1232	800.6968750			State license

273	770.703125	770.70625	770.71250	State license		1233	800.7031250	800.70625	800.71250	State license
274	770.709375			State license		1234	800.7093750			State license
275	770.715625	770.71875		State license		1235	800.7156250	800.71875		State license
276	770.721875			State license		1236	800.7218750			State license
277	770.728125	770.73125	770.73750	Reserve		1237	800.7281250	800.73125	800.73750	Reserve
278	770.734375			Reserve		1238	800.7343750			Reserve
279	770.740625	770.74375		I/O low speed data		1239	800.7406250	800.74375		I/O low speed data
280	770.746875			I/O low speed data		1240	800.7468750			I/O low speed data
281	770.753125	770.75625	770.76250	General Use		1241	800.7531250	800.75625	800.76250	General Use
282	770.759375			General Use		1242	800.7593750			General Use
283	770.765625	770.76875		General Use		1243	800.7656250	800.76875		General Use
284	770.771875			General Use		1244	800.7718750			General Use
285	770.778125	770.78125	770.78750	General Use		1245	800.7781250	800.78125	800.78750	General Use
286	770.784375			General Use		1246	800.7843750			General Use
287	770.790625	770.79375		General Use		1247	800.7906250	800.79375		General Use
288	770.796875			General Use		1248	800.7968750			General Use
289	770.803125	770.80625	770.81250	General Use		1249	800.8031250	800.80625	800.81250	General Use
290	770.809375			General Use		1250	800.8093750			General Use
291	770.815625	770.81875		General Use		1251	800.8156250	800.81875		General Use
292	770.821875			General Use		1252	800.8218750			General Use
293	770.828125	770.83125	770.83750	General Use		1253	800.8281250	800.83125	800.83750	General Use
294	770.834375			General Use		1254	800.8343750			General Use
295	770.840625	770.84375		General Use		1255	800.8406250	800.84375		General Use
296	770.846875			General Use		1256	800.8468750			General Use
297	770.853125	770.85625	770.86250	General Use		1257	800.8531250	800.85625	800.86250	General Use
298	770.859375			General Use		1258	800.8593750			General Use
299	770.865625	770.86875		General Use		1259	800.8656250	800.86875		General Use
300	770.871875			General Use		1260	800.8718750			General Use
301	770.878125	770.88125	770.88750	Reserve		1261	800.8781250	800.88125	800.88750	Reserve
302	770.884375			Reserve		1262	800.8843750			Reserve
303	770.890625	770.89375		Interoperability		1263	800.8906250	800.89375		Interoperability

304	770.896875			Interoperability		1264	800.8968750			Interoperability
305	770.903125	770.90625	770.91250	State license		1265	800.9031250	800.90625	800.91250	State license
306	770.909375			State license		1266	800.9093750			State license
307	770.915625	770.91875		State license		1267	800.9156250	800.91875		State license
308	770.921875			State license		1268	800.9218750			State license
309	770.928125	770.93125	770.93750	State license		1269	800.9281250	800.93125	800.93750	State license
310	770.934375			State license		1270	800.9343750			State license
311	770.940625	770.94375		State license		1271	800.9406250	800.94375		State license
312	770.946875			State license		1272	800.9468750			State license
313	770.953125	770.95625	770.96250	State license		1273	800.9531250	800.95625	800.96250	State license
314	770.959375			State license		1274	800.9593750			State license
315	770.965625	770.96875		State license		1275	800.9656250	800.96875		State license
316	770.971875			State license		1276	800.9718750			State license
317	770.978125	770.98125	770.98750	Reserve		1277	800.9781250	800.98125	800.98750	Reserve
318	770.984375			Reserve		1278	800.9843750			Reserve
319	770.990625	770.99375		Interoperability		1279	800.9906250	800.99375		Interoperability
320	770.996875			Interoperability		1280	800.9968750			Interoperability
321	771.003125	771.00625	771.01250	General Use		1281	801.0031250	801.00625	801.01250	General Use
322	771.009375			General Use		1282	801.0093750			General Use
323	771.015625	771.01875		General Use		1283	801.0156250	801.01875		General Use
324	771.021875			General Use		1284	801.0218750			General Use
325	771.028125	771.03125	771.03750	General Use		1285	801.0281250	801.03125	801.03750	General Use
326	771.034375			General Use		1286	801.0343750			General Use
327	771.040625	771.04375		General Use		1287	801.0406250	801.04375		General Use
328	771.046875			General Use		1288	801.0468750			General Use
329	771.053125	771.05625	771.06250	General Use		1289	801.0531250	801.05625	801.06250	General Use
330	771.059375			General Use		1290	801.0593750			General Use
331	771.065625	771.06875		General Use		1291	801.0656250	801.06875		General Use
332	771.071875			General Use		1292	801.0718750			General Use
333	771.078125	771.08125	771.08750	General Use		1293	801.0781250	801.08125	801.08750	General Use
334	771.084375			General Use		1294	801.0843750			General Use

335	771.090625	771.09375		General Use		1295	801.0906250	801.09375		General Use
336	771.096875			General Use		1296	801.0968750			General Use
337	771.103125	771.10625	771.11250	General Use		1297	801.1031250	801.10625	801.11250	General Use
338	771.109375			General Use		1298	801.1093750			General Use
339	771.115625	771.11875		General Use		1299	801.1156250	801.11875		General Use
340	771.121875			General Use		1300	801.1218750			General Use
341	771.128125	771.13125	771.13750	General Use		1301	801.1281250	801.13125	801.13750	General Use
342	771.134375			General Use		1302	801.1343750			General Use
343	771.140625	771.14375		General Use		1303	801.1406250	801.14375		General Use
344	771.146875			General Use		1304	801.1468750			General Use
345	771.153125	771.15625	771.16250	General Use		1305	801.1531250	801.15625	801.16250	General Use
346	771.159375			General Use		1306	801.1593750			General Use
347	771.165625	771.16875		General Use		1307	801.1656250	801.16875		General Use
348	771.171875			General Use		1308	801.1718750			General Use
349	771.178125	771.18125	771.18750	General Use		1309	801.1781250	801.18125	801.18750	General Use
350	771.184375			General Use		1310	801.1843750			General Use
351	771.190625	771.19375		General Use		1311	801.1906250	801.19375		General Use
352	771.196875			General Use		1312	801.1968750			General Use
353	771.203125	771.20625	771.21250	General Use		1313	801.2031250	801.20625	801.21250	General Use
354	771.209375			General Use		1314	801.2093750			General Use
355	771.215625	771.21875		General Use		1315	801.2156250	801.21875		General Use
356	771.221875			General Use		1316	801.2218750			General Use
357	771.228125	771.23125	771.23750	General Use		1317	801.2281250	801.23125	801.23750	General Use
358	771.234375			General Use		1318	801.2343750			General Use
359	771.240625	771.24375		General Use		1319	801.2406250	801.24375		General Use
360	771.246875			General Use		1320	801.2468750			General Use
361	771.253125	771.25625	771.26250	General Use		1321	801.2531250	801.25625	801.26250	General Use
362	771.259375			General Use		1322	801.2593750			General Use
363	771.265625	771.26875		General Use		1323	801.2656250	801.26875		General Use
364	771.271875			General Use		1324	801.2718750			General Use
365	771.278125	771.28125	771.28750	General Use		1325	801.2781250	801.28125	801.28750	General Use

366	771.284375			General Use		1326	801.2843750			General Use
367	771.290625	771.29375		General Use		1327	801.2906250	801.29375		General Use
368	771.296875			General Use		1328	801.2968750			General Use
369	771.303125	771.30625	771.31250	General Use		1329	801.3031250	801.30625	801.31250	General Use
370	771.309375			General Use		1330	801.3093750			General Use
371	771.315625	771.31875		General Use		1331	801.3156250	801.31875		General Use
372	771.321875			General Use		1332	801.3218750			General Use
373	771.328125	771.33125	771.33750	General Use		1333	801.3281250	801.33125	801.33750	General Use
374	771.334375			General Use		1334	801.3343750			General Use
375	771.340625	771.34375		General Use		1335	801.3406250	801.34375		General Use
376	771.346875			General Use		1336	801.3468750			General Use
377	771.353125	771.35625	771.36250	General Use		1337	801.3531250	801.35625	801.36250	General Use
378	771.359375			General Use		1338	801.3593750			General Use
379	771.365625	771.36875		General Use		1339	801.3656250	801.36875		General Use
380	771.371875			General Use		1340	801.3718750			General Use
381	771.378125	771.38125	771.38750	General Use		1341	801.3781250	801.38125	801.38750	General Use
382	771.384375			General Use		1342	801.3843750			General Use
383	771.390625	771.39375		General Use		1343	801.3906250	801.39375		General Use
384	771.396875			General Use		1344	801.3968750			General Use
385	771.403125	771.40625	771.41250	General Use		1345	801.4031250	801.40625	801.41250	General Use
386	771.409375			General Use		1346	801.4093750			General Use
387	771.415625	771.41875		General Use		1347	801.4156250	801.41875		General Use
388	771.421875			General Use		1348	801.4218750			General Use
389	771.428125	771.43125	771.43750	General Use		1349	801.4281250	801.43125	801.43750	General Use
390	771.434375			General Use		1350	801.4343750			General Use
391	771.440625	771.44375		General Use		1351	801.4406250	801.44375		General Use
392	771.446875			General Use		1352	801.4468750			General Use
393	771.453125	771.45625	771.46250	General Use		1353	801.4531250	801.45625	801.46250	General Use
394	771.459375			General Use		1354	801.4593750			General Use
395	771.465625	771.46875		General Use		1355	801.4656250	801.46875		General Use
396	771.471875			General Use		1356	801.4718750			General Use

397	771.478125	771.48125	771.48750	General Use		1357	801.4781250	801.48125	801.48750	General Use
398	771.484375			General Use		1358	801.4843750			General Use
399	771.490625	771.49375		General Use		1359	801.4906250	801.49375		General Use
400	771.496875			General Use		1360	801.4968750			General Use
401	771.503125	771.50625	771.51250	General Use		1361	801.5031250	801.50625	801.51250	General Use
402	771.509375			General Use		1362	801.5093750			General Use
403	771.515625	771.51875		General Use		1363	801.5156250	801.51875		General Use
404	771.521875			General Use		1364	801.5218750			General Use
405	771.528125	771.53125	771.53750	General Use		1365	801.5281250	801.53125	801.53750	General Use
406	771.534375			General Use		1366	801.5343750			General Use
407	771.540625	771.54375		General Use		1367	801.5406250	801.54375		General Use
408	771.546875			General Use		1368	801.5468750			General Use
409	771.553125	771.55625	771.56250	General Use		1369	801.5531250	801.55625	801.56250	General Use
410	771.559375			General Use		1370	801.5593750			General Use
411	771.565625	771.56875		General Use		1371	801.5656250	801.56875		General Use
412	771.571875			General Use		1372	801.5718750			General Use
413	771.578125	771.58125	771.58750	General Use		1373	801.5781250	801.58125	801.58750	General Use
414	771.584375			General Use		1374	801.5843750			General Use
415	771.590625	771.59375		General Use		1375	801.5906250	801.59375		General Use
416	771.596875			General Use		1376	801.5968750			General Use
417	771.603125	771.60625	771.61250	General Use		1377	801.6031250	801.60625	801.61250	General Use
418	771.609375			General Use		1378	801.6093750			General Use
419	771.615625	771.61875		General Use		1379	801.6156250	801.61875		General Use
420	771.621875			General Use		1380	801.6218750			General Use
421	771.628125	771.63125	771.63750	General Use		1381	801.6281250	801.63125	801.63750	General Use
422	771.634375			General Use		1382	801.6343750			General Use
423	771.640625	771.64375		General Use		1383	801.6406250	801.64375		General Use
424	771.646875			General Use		1384	801.6468750			General Use
425	771.653125	771.65625	771.66250	General Use		1385	801.6531250	801.65625	801.66250	General Use
426	771.659375			General Use		1386	801.6593750			General Use
427	771.665625	771.66875		General Use		1387	801.6656250	801.66875		General Use

428	771.671875			General Use		1388	801.6718750			General Use
429	771.678125	771.68125	771.68750	General Use		1389	801.6781250	801.68125	801.68750	General Use
430	771.684375			General Use		1390	801.6843750			General Use
431	771.690625	771.69375		General Use		1391	801.6906250	801.69375		General Use
432	771.696875			General Use		1392	801.6968750			General Use
433	771.703125	771.70625	771.71250	General Use		1393	801.7031250	801.70625	801.71250	General Use
434	771.709375			General Use		1394	801.7093750			General Use
435	771.715625	771.71875		General Use		1395	801.7156250	801.71875		General Use
436	771.721875			General Use		1396	801.7218750			General Use
437	771.728125	771.73125	771.73750	General Use		1397	801.7281250	801.73125	801.73750	General Use
438	771.734375			General Use		1398	801.7343750			General Use
439	771.740625	771.74375		General Use		1399	801.7406250	801.74375		General Use
440	771.746875			General Use		1400	801.7468750			General Use
441	771.753125	771.75625	771.76250	General Use		1401	801.7531250	801.75625	801.76250	General Use
442	771.759375			General Use		1402	801.7593750			General Use
443	771.765625	771.76875		General Use		1403	801.7656250	801.76875		General Use
444	771.771875			General Use		1404	801.7718750			General Use
445	771.778125	771.78125	771.78750	General Use		1405	801.7781250	801.78125	801.78750	General Use
446	771.784375			General Use		1406	801.7843750			General Use
447	771.790625	771.79375		General Use		1407	801.7906250	801.79375		General Use
448	771.796875			General Use		1408	801.7968750			General Use
449	771.803125	771.80625	771.81250	General Use		1409	801.8031250	801.80625	801.81250	General Use
450	771.809375			General Use		1410	801.8093750			General Use
451	771.815625	771.81875		General Use		1411	801.8156250	801.81875		General Use
452	771.821875			General Use		1412	801.8218750			General Use
453	771.828125	771.83125	771.83750	General Use		1413	801.8281250	801.83125	801.83750	General Use
454	771.834375			General Use		1414	801.8343750			General Use
455	771.840625	771.84375		General Use		1415	801.8406250	801.84375		General Use
456	771.846875			General Use		1416	801.8468750			General Use
457	771.853125	771.85625	771.86250	General Use		1417	801.8531250	801.85625	801.86250	General Use
458	771.859375			General Use		1418	801.8593750			General Use

459	771.865625	771.86875		General Use		1419	801.8656250	801.86875		General Use
460	771.871875			General Use		1420	801.8718750			General Use
461	771.878125	771.88125	771.88750	General Use		1421	801.8781250	801.88125	801.88750	General Use
462	771.884375			General Use		1422	801.8843750			General Use
463	771.890625	771.89375		General Use		1423	801.8906250	801.89375		General Use
464	771.896875			General Use		1424	801.8968750			General Use
465	771.903125	771.90625	771.91250	General Use		1425	801.9031250	801.90625	801.91250	General Use
466	771.909375			General Use		1426	801.9093750			General Use
467	771.915625	771.91875		General Use		1427	801.9156250	801.91875		General Use
468	771.921875			General Use		1428	801.9218750			General Use
469	771.928125	771.93125	771.93750	General Use		1429	801.9281250	801.93125	801.93750	General Use
470	771.934375			General Use		1430	801.9343750			General Use
471	771.940625	771.94375		General Use		1431	801.9406250	801.94375		General Use
472	771.946875			General Use		1432	801.9468750			General Use
473	771.953125	771.95625	771.96250	General Use		1433	801.9531250	801.95625	801.96250	General Use
474	771.959375			General Use		1434	801.9593750			General Use
475	771.965625	771.96875		General Use		1435	801.9656250	801.96875		General Use
476	771.971875			General Use		1436	801.9718750			General Use
477	771.978125	771.98125	771.98750	General Use		1437	801.9781250	801.98125	801.98750	General Use
478	771.984375			General Use		1438	801.9843750			General Use
479	771.990625	771.99375		General Use		1439	801.9906250	801.99375		General Use
480	771.996875			General Use		1440	801.9968750			General Use
481	772.003125	772.00625	772.01250	General Use		1441	802.0031250	802.00625	802.01250	General Use
482	772.009375			General Use		1442	802.0093750			General Use
483	772.015625	772.01875		General Use		1443	802.0156250	802.01875		General Use
484	772.021875			General Use		1444	802.0218750			General Use
485	772.028125	772.03125	772.03750	General Use		1445	802.0281250	802.03125	802.03750	General Use
486	772.034375			General Use		1446	802.0343750			General Use
487	772.040625	772.04375		General Use		1447	802.0406250	802.04375		General Use
488	772.046875			General Use		1448	802.0468750			General Use
489	772.053125	772.05625	772.06250	General Use		1449	802.0531250	802.05625	802.06250	General Use

490	772.059375			General Use		1450	802.0593750			General Use
491	772.065625	772.06875		General Use		1451	802.0656250	802.06875		General Use
492	772.071875			General Use		1452	802.0718750			General Use
493	772.078125	772.08125	772.08750	General Use		1453	802.0781250	802.08125	802.08750	General Use
494	772.084375			General Use		1454	802.0843750			General Use
495	772.090625	772.09375		General Use		1455	802.0906250	802.09375		General Use
496	772.096875			General Use		1456	802.0968750			General Use
497	772.103125	772.10625	772.11250	General Use		1457	802.1031250	802.10625	802.11250	General Use
498	772.109375			General Use		1458	802.1093750			General Use
499	772.115625	772.11875		General Use		1459	802.1156250	802.11875		General Use
500	772.121875			General Use		1460	802.1218750			General Use
501	772.128125	772.13125	772.13750	General Use		1461	802.1281250	802.13125	802.13750	General Use
502	772.134375			General Use		1462	802.1343750			General Use
503	772.140625	772.14375		General Use		1463	802.1406250	802.14375		General Use
504	772.146875			General Use		1464	802.1468750			General Use
505	772.153125	772.15625	772.16250	General Use		1465	802.1531250	802.15625	802.16250	General Use
506	772.159375			General Use		1466	802.1593750			General Use
507	772.165625	772.16875		General Use		1467	802.1656250	802.16875		General Use
508	772.171875			General Use		1468	802.1718750			General Use
509	772.178125	772.18125	772.18750	General Use		1469	802.1781250	802.18125	802.18750	General Use
510	772.184375			General Use		1470	802.1843750			General Use
511	772.190625	772.19375		General Use		1471	802.1906250	802.19375		General Use
512	772.196875			General Use		1472	802.1968750			General Use
513	772.203125	772.20625	772.21250	General Use		1473	802.2031250	802.20625	802.21250	General Use
514	772.209375			General Use		1474	802.2093750			General Use
515	772.215625	772.21875		General Use		1475	802.2156250	802.21875		General Use
516	772.221875			General Use		1476	802.2218750			General Use
517	772.228125	772.23125	772.23750	General Use		1477	802.2281250	802.23125	802.23750	General Use
518	772.234375			General Use		1478	802.2343750			General Use
519	772.240625	772.24375		General Use		1479	802.2406250	802.24375		General Use
520	772.246875			General Use		1480	802.2468750			General Use

521	772.253125	772.25625	772.26250	General Use		1481	802.2531250	802.25625	802.26250	General Use
522	772.259375			General Use		1482	802.2593750			General Use
523	772.265625	772.26875		General Use		1483	802.2656250	802.26875		General Use
524	772.271875			General Use		1484	802.2718750			General Use
525	772.278125	772.28125	772.28750	General Use		1485	802.2781250	802.28125	802.28750	General Use
526	772.284375			General Use		1486	802.2843750			General Use
527	772.290625	772.29375		General Use		1487	802.2906250	802.29375		General Use
528	772.296875			General Use		1488	802.2968750			General Use
529	772.303125	772.30625	772.31250	General Use		1489	802.3031250	802.30625	802.31250	General Use
530	772.309375			General Use		1490	802.3093750			General Use
531	772.315625	772.31875		General Use		1491	802.3156250	802.31875		General Use
532	772.321875			General Use		1492	802.3218750			General Use
533	772.328125	772.33125	772.33750	General Use		1493	802.3281250	802.33125	802.33750	General Use
534	772.334375			General Use		1494	802.3343750			General Use
535	772.340625	772.34375		General Use		1495	802.3406250	802.34375		General Use
536	772.346875			General Use		1496	802.3468750			General Use
537	772.353125	772.35625	772.36250	General Use		1497	802.3531250	802.35625	802.36250	General Use
538	772.359375			General Use		1498	802.3593750			General Use
539	772.365625	772.36875		General Use		1499	802.3656250	802.36875		General Use
540	772.371875			General Use		1500	802.3718750			General Use
541	772.378125	772.38125	772.38750	General Use		1501	802.3781250	802.38125	802.38750	General Use
542	772.384375			General Use		1502	802.3843750			General Use
543	772.390625	772.39375		General Use		1503	802.3906250	802.39375		General Use
544	772.396875			General Use		1504	802.3968750			General Use
545	772.403125	772.40625	772.41250	General Use		1505	802.4031250	802.40625	802.41250	General Use
546	772.409375			General Use		1506	802.4093750			General Use
547	772.415625	772.41875		General Use		1507	802.4156250	802.41875		General Use
548	772.421875			General Use		1508	802.4218750			General Use
549	772.428125	772.43125	772.43750	General Use		1509	802.4281250	802.43125	802.43750	General Use
550	772.434375			General Use		1510	802.4343750			General Use
551	772.440625	772.44375		General Use		1511	802.4406250	802.44375		General Use

552	772.446875			General Use		1512	802.4468750			General Use
553	772.453125	772.45625	772.46250	General Use		1513	802.4531250	802.45625	802.46250	General Use
554	772.459375			General Use		1514	802.4593750			General Use
555	772.465625	772.46875		General Use		1515	802.4656250	802.46875		General Use
556	772.471875			General Use		1516	802.4718750			General Use
557	772.478125	772.48125	772.48750	General Use		1517	802.4781250	802.48125	802.48750	General Use
558	772.484375			General Use		1518	802.4843750			General Use
559	772.490625	772.49375		General Use		1519	802.4906250	802.49375		General Use
560	772.496875			General Use		1520	802.4968750			General Use
561	772.503125	772.50625	772.51250	General Use		1521	802.5031250	802.50625	802.51250	General Use
562	772.509375			General Use		1522	802.5093750			General Use
563	772.515625	772.51875		General Use		1523	802.5156250	802.51875		General Use
564	772.521875			General Use		1524	802.5218750			General Use
565	772.528125	772.53125	772.53750	General Use		1525	802.5281250	802.53125	802.53750	General Use
566	772.534375			General Use		1526	802.5343750			General Use
567	772.540625	772.54375		General Use		1527	802.5406250	802.54375		General Use
568	772.546875			General Use		1528	802.5468750			General Use
569	772.553125	772.55625	772.56250	General Use		1529	802.5531250	802.55625	802.56250	General Use
570	772.559375			General Use		1530	802.5593750			General Use
571	772.565625	772.56875		General Use		1531	802.5656250	802.56875		General Use
572	772.571875			General Use		1532	802.5718750			General Use
573	772.578125	772.58125	772.58750	General Use		1533	802.5781250	802.58125	802.58750	General Use
574	772.584375			General Use		1534	802.5843750			General Use
575	772.590625	772.59375		General Use		1535	802.5906250	802.59375		General Use
576	772.596875			General Use		1536	802.5968750			General Use
577	772.603125	772.60625	772.61250	General Use		1537	802.6031250	802.60625	802.61250	General Use
578	772.609375			General Use		1538	802.6093750			General Use
579	772.615625	772.61875		General Use		1539	802.6156250	802.61875		General Use
580	772.621875			General Use		1540	802.6218750			General Use
581	772.628125	772.63125	772.63750	General Use		1541	802.6281250	802.63125	802.63750	General Use
582	772.634375			General Use		1542	802.6343750			General Use

583	772.640625	772.64375		General Use		1543	802.6406250	802.64375		General Use
584	772.646875			General Use		1544	802.6468750			General Use
585	772.653125	772.65625	772.66250	General Use		1545	802.6531250	802.65625	802.66250	General Use
586	772.659375			General Use		1546	802.6593750			General Use
587	772.665625	772.66875		General Use		1547	802.6656250	802.66875		General Use
588	772.671875			General Use		1548	802.6718750			General Use
589	772.678125	772.68125	772.68750	General Use		1549	802.6781250	802.68125	802.68750	General Use
590	772.684375			General Use		1550	802.6843750			General Use
591	772.690625	772.69375		General Use		1551	802.6906250	802.69375		General Use
592	772.696875			General Use		1552	802.6968750			General Use
593	772.703125	772.70625	772.71250	General Use		1553	802.7031250	802.70625	802.71250	General Use
594	772.709375			General Use		1554	802.7093750			General Use
595	772.715625	772.71875		General Use		1555	802.7156250	802.71875		General Use
596	772.721875			General Use		1556	802.7218750			General Use
597	772.728125	772.73125	772.73750	General Use		1557	802.7281250	802.73125	802.73750	General Use
598	772.734375			General Use		1558	802.7343750			General Use
599	772.740625	772.74375		General Use		1559	802.7406250	802.74375		General Use
600	772.746875			General Use		1560	802.7468750			General Use
601	772.753125	772.75625	772.76250	General Use		1561	802.7531250	802.75625	802.76250	General Use
602	772.759375			General Use		1562	802.7593750			General Use
603	772.765625	772.76875		General Use		1563	802.7656250	802.76875		General Use
604	772.771875			General Use		1564	802.7718750			General Use
605	772.778125	772.78125	772.78750	General Use		1565	802.7781250	802.78125	802.78750	General Use
606	772.784375			General Use		1566	802.7843750			General Use
607	772.790625	772.79375		General Use		1567	802.7906250	802.79375		General Use
608	772.796875			General Use		1568	802.7968750			General Use
609	772.803125	772.80625	772.81250	General Use		1569	802.8031250	802.80625	802.81250	General Use
610	772.809375			General Use		1570	802.8093750			General Use
611	772.815625	772.81875		General Use		1571	802.8156250	802.81875		General Use
612	772.821875			General Use		1572	802.8218750			General Use
613	772.828125	772.83125	772.83750	General Use		1573	802.8281250	802.83125	802.83750	General Use

614	772.834375			General Use		1574	802.8343750			General Use
615	772.840625	772.84375		General Use		1575	802.8406250	802.84375		General Use
616	772.846875			General Use		1576	802.8468750			General Use
617	772.853125	772.85625	772.86250	General Use		1577	802.8531250	802.85625	802.86250	General Use
618	772.859375			General Use		1578	802.8593750			General Use
619	772.865625	772.86875		General Use		1579	802.8656250	802.86875		General Use
620	772.871875			General Use		1580	802.8718750			General Use
621	772.878125	772.88125	772.88750	General Use		1581	802.8781250	802.88125	802.88750	General Use
622	772.884375			General Use		1582	802.8843750			General Use
623	772.890625	772.89375		General Use		1583	802.8906250	802.89375		General Use
624	772.896875			General Use		1584	802.8968750			General Use
625	772.903125	772.90625	772.91250	General Use		1585	802.9031250	802.90625	802.91250	General Use
626	772.909375			General Use		1586	802.9093750			General Use
627	772.915625	772.91875		General Use		1587	802.9156250	802.91875		General Use
628	772.921875			General Use		1588	802.9218750			General Use
629	772.928125	772.93125	772.93750	General Use		1589	802.9281250	802.93125	802.93750	General Use
630	772.934375			General Use		1590	802.9343750			General Use
631	772.940625	772.94375		General Use		1591	802.9406250	802.94375		General Use
632	772.946875			General Use		1592	802.9468750			General Use
633	772.953125	772.95625	772.96250	General Use		1593	802.9531250	802.95625	802.96250	General Use
634	772.959375			General Use		1594	802.9593750			General Use
635	772.965625	772.96875		General Use		1595	802.9656250	802.96875		General Use
636	772.971875			General Use		1596	802.9718750			General Use
637	772.978125	772.98125	772.98750	General Use		1597	802.9781250	802.98125	802.98750	General Use
638	772.984375			General Use		1598	802.9843750			General Use
639	772.990625	772.99375		General Use		1599	802.9906250	802.99375		General Use
640	772.996875			General Use		1600	802.9968750			General Use
641	773.003125	773.00625	773.01250	Interoperability		1601	803.0031250	803.00625	803.01250	Interoperability
642	773.009375			Interoperability		1602	803.0093750			Interoperability
643	773.015625	773.01875		Reserve		1603	803.0156250	803.01875		Reserve
644	773.021875			Reserve		1604	803.0218750			Reserve

645	773.028125	773.03125	773.03750	State license		1605	803.0281250	803.03125	803.03750	State license
646	773.034375			State license		1606	803.0343750			State license
647	773.040625	773.04375		State license		1607	803.0406250	803.04375		State license
648	773.046875			State license		1608	803.0468750			State license
649	773.053125	773.05625	773.06250	State license		1609	803.0531250	803.05625	803.06250	State license
650	773.059375			State license		1610	803.0593750			State license
651	773.065625	773.06875		State license		1611	803.0656250	803.06875		State license
652	773.071875			State license		1612	803.0718750			State license
653	773.078125	773.08125	773.08750	State license		1613	803.0781250	803.08125	803.08750	State license
654	773.084375			State license		1614	803.0843750			State license
655	773.090625	773.09375		State license		1615	803.0906250	803.09375		State license
656	773.096875			State license		1616	803.0968750			State license
657	773.103125	773.10625	773.11250	Interoperability		1617	803.1031250	803.10625	803.11250	Interoperability
658	773.109375			Interoperability		1618	803.1093750			Interoperability
659	773.115625	773.11875		Secondary Trunking		1619	803.1156250	803.11875		Secondary Trunking
660	773.121875			Secondary Trunking		1620	803.1218750			Secondary Trunking
661	773.128125	773.13125	773.13750	General Use		1621	803.1281250	803.13125	803.13750	General Use
662	773.134375			General Use		1622	803.1343750			General Use
663	773.140625	773.14375		General Use		1623	803.1406250	803.14375		General Use
664	773.146875			General Use		1624	803.1468750			General Use
665	773.153125	773.15625	773.16250	General Use		1625	803.1531250	803.15625	803.16250	General Use
666	773.159375			General Use		1626	803.1593750			General Use
667	773.165625	773.16875		General Use		1627	803.1656250	803.16875		General Use
668	773.171875			General Use		1628	803.1718750			General Use
669	773.178125	773.18125	773.18750	General Use		1629	803.1781250	803.18125	803.18750	General Use
670	773.184375			General Use		1630	803.1843750			General Use
671	773.190625	773.19375		General Use		1631	803.1906250	803.19375		General Use
672	773.196875			General Use		1632	803.1968750			General Use
673	773.203125	773.20625	773.21250	General Use		1633	803.2031250	803.20625	803.21250	General Use
674	773.209375			General Use		1634	803.2093750			General Use
675	773.215625	773.21875		General Use		1635	803.2156250	803.21875		General Use

676	773.221875			General Use	1636	803.2218750			General Use
677	773.228125	773.23125	773.23750	General Use	1637	803.2281250	803.23125	803.23750	General Use
678	773.234375			General Use	1638	803.2343750			General Use
679	773.240625	773.24375		General Use	1639	803.2406250	803.24375		General Use
680	773.246875			General Use	1640	803.2468750			General Use
681	773.253125	773.25625	773.26250	I/O Nationwide Call	1641	803.2531250	803.25625	803.26250	I/O Nationwide Call
682	773.259375			I/O Nationwide Call	1642	803.2593750			I/O Nationwide Call
683	773.265625	773.26875		Reserve	1643	803.2656250	803.26875		Reserve
684	773.271875			Reserve	1644	803.2718750			Reserve
685	773.278125	773.28125	773.28750	State license	1645	803.2781250	803.28125	803.28750	State license
686	773.284375			State license	1646	803.2843750			State license
687	773.290625	773.29375		State license	1647	803.2906250	803.29375		State license
688	773.296875			State license	1648	803.2968750			State license
689	773.303125	773.30625	773.31250	State license	1649	803.3031250	803.30625	803.31250	State license
690	773.309375			State license	1650	803.3093750			State license
691	773.315625	773.31875		State license	1651	803.3156250	803.31875		State license
692	773.321875			State license	1652	803.3218750			State license
693	773.328125	773.33125	773.33750	State license	1653	803.3281250	803.33125	803.33750	State license
694	773.334375			State license	1654	803.3343750			State license
695	773.340625	773.34375		State license	1655	803.3406250	803.34375		State license
696	773.346875			State license	1656	803.3468750			State license
697	773.353125	773.35625	773.36250	Interoperability	1657	803.3531250	803.35625	803.36250	Interoperability
698	773.359375			Interoperability	1658	803.3593750			Interoperability
699	773.365625	773.36875		Reserve	1659	803.3656250	803.36875		Reserve
700	773.371875			Reserve	1660	803.3718750			Reserve
701	773.378125	773.38125	773.38750	General Use	1661	803.3781250	803.38125	803.38750	General Use
702	773.384375			General Use	1662	803.3843750			General Use
703	773.390625	773.39375		General Use	1663	803.3906250	803.39375		General Use
704	773.396875			General Use	1664	803.3968750			General Use
705	773.403125	773.40625	773.41250	General Use	1665	803.4031250	803.40625	803.41250	General Use
706	773.409375			General Use	1666	803.4093750			General Use

707	773.415625	773.41875		General Use		1667	803.4156250	803.41875		General Use
708	773.421875			General Use		1668	803.4218750			General Use
709	773.428125	773.43125	773.43750	General Use		1669	803.4281250	803.43125	803.43750	General Use
710	773.434375			General Use		1670	803.4343750			General Use
711	773.440625	773.44375		General Use		1671	803.4406250	803.44375		General Use
712	773.446875			General Use		1672	803.4468750			General Use
713	773.453125	773.45625	773.46250	General Use		1673	803.4531250	803.45625	803.46250	General Use
714	773.459375			General Use		1674	803.4593750			General Use
715	773.465625	773.46875		General Use		1675	803.4656250	803.46875		General Use
716	773.471875			General Use		1676	803.4718750			General Use
717	773.478125	773.48125	773.48750	General Use		1677	803.4781250	803.48125	803.48750	General Use
718	773.484375			General Use		1678	803.4843750			General Use
719	773.490625	773.49375		General Use		1679	803.4906250	803.49375		General Use
720	773.496875			General Use		1680	803.4968750			General Use
721	773.503125	773.50625	773.51250	Interoperability		1681	803.5031250	803.50625	803.51250	Interoperability
722	773.509375			Interoperability		1682	803.5093750			Interoperability
723	773.515625	773.51875		Reserve		1683	803.5156250	803.51875		Reserve
724	773.521875			Reserve		1684	803.5218750			Reserve
725	773.528125	773.53125	773.53750	State license		1685	803.5281250	803.53125	803.53750	State license
726	773.534375			State license		1686	803.5343750			State license
727	773.540625	773.54375		State license		1687	803.5406250	803.54375		State license
728	773.546875			State license		1688	803.5468750			State license
729	773.553125	773.55625	773.56250	State license		1689	803.5531250	803.55625	803.56250	State license
730	773.559375			State license		1690	803.5593750			State license
731	773.565625	773.56875		State license		1691	803.5656250	803.56875		State license
732	773.571875			State license		1692	803.5718750			State license
733	773.578125	773.58125	773.58750	State license		1693	803.5781250	803.58125	803.58750	State license
734	773.584375			State license		1694	803.5843750			State license
735	773.590625	773.59375		State license		1695	803.5906250	803.59375		State license
736	773.596875			State license		1696	803.5968750			State license
737	773.603125	773.60625	773.61250	Interoperability		1697	803.6031250	803.60625	803.61250	Interoperability

738	773.609375			Interoperability	1698	803.6093750			Interoperability
739	773.615625	773.61875		Secondary Trunking	1699	803.6156250	803.61875		Secondary Trunking
740	773.621875			Secondary Trunking	1700	803.6218750			Secondary Trunking
741	773.628125	773.63125	773.63750	General Use	1701	803.6281250	803.63125	803.63750	General Use
742	773.634375			General Use	1702	803.6343750			General Use
743	773.640625	773.64375		General Use	1703	803.6406250	803.64375		General Use
744	773.646875			General Use	1704	803.6468750			General Use
745	773.653125	773.65625	773.66250	General Use	1705	803.6531250	803.65625	803.66250	General Use
746	773.659375			General Use	1706	803.6593750			General Use
747	773.665625	773.66875		General Use	1707	803.6656250	803.66875		General Use
748	773.671875			General Use	1708	803.6718750			General Use
749	773.678125	773.68125	773.68750	General Use	1709	803.6781250	803.68125	803.68750	General Use
750	773.684375			General Use	1710	803.6843750			General Use
751	773.690625	773.69375		General Use	1711	803.6906250	803.69375		General Use
752	773.696875			General Use	1712	803.6968750			General Use
753	773.703125	773.70625	773.71250	General Use	1713	803.7031250	803.70625	803.71250	General Use
754	773.709375			General Use	1714	803.7093750			General Use
755	773.715625	773.71875		General Use	1715	803.7156250	803.71875		General Use
756	773.721875			General Use	1716	803.7218750			General Use
757	773.728125	773.73125	773.73750	General Use	1717	803.7281250	803.73125	803.73750	General Use
758	773.734375			General Use	1718	803.7343750			General Use
759	773.740625	773.74375		General Use	1719	803.7406250	803.74375		General Use
760	773.746875			General Use	1720	803.7468750			General Use
761	773.753125	773.75625	773.76250	Interoperability	1721	803.7531250	803.75625	803.76250	Interoperability
762	773.759375			Interoperability	1722	803.7593750			Interoperability
763	773.765625	773.76875		Reserve	1723	803.7656250	803.76875		Reserve
764	773.771875			Reserve	1724	803.7718750			Reserve
765	773.778125	773.78125	773.78750	State license	1725	803.7781250	803.78125	803.78750	State license
766	773.784375			State license	1726	803.7843750			State license
767	773.790625	773.79375		State license	1727	803.7906250	803.79375		State license
768	773.796875			State license	1728	803.7968750			State license

769	773.803125	773.80625	773.81250	State license		1729	803.8031250	803.80625	803.81250	State license
770	773.809375			State license		1730	803.8093750			State license
771	773.815625	773.81875		State license		1731	803.8156250	803.81875		State license
772	773.821875			State license		1732	803.8218750			State license
773	773.828125	773.83125	773.83750	State license		1733	803.8281250	803.83125	803.83750	State license
774	773.834375			State license		1734	803.8343750			State license
775	773.840625	773.84375		State license		1735	803.8406250	803.84375		State license
776	773.846875			State license		1736	803.8468750			State license
777	773.853125	773.85625	773.86250	Interoperability		1737	803.8531250	803.85625	803.86250	Interoperability
778	773.859375			Interoperability		1738	803.8593750			Interoperability
779	773.865625	773.86875		Reserve		1739	803.8656250	803.86875		Reserve
780	773.871875			Reserve		1740	803.8718750			Reserve
781	773.878125	773.88125	773.88750	General Use		1741	803.8781250	803.88125	803.88750	General Use
782	773.884375			General Use		1742	803.8843750			General Use
783	773.890625	773.89375		General Use		1743	803.8906250	803.89375		General Use
784	773.896875			General Use		1744	803.8968750			General Use
785	773.903125	773.90625	773.91250	General Use		1745	803.9031250	803.90625	803.91250	General Use
786	773.909375			General Use		1746	803.9093750			General Use
787	773.915625	773.91875		General Use		1747	803.9156250	803.91875		General Use
788	773.921875			General Use		1748	803.9218750			General Use
789	773.928125	773.93125	773.93750	General Use		1749	803.9281250	803.93125	803.93750	General Use
790	773.934375			General Use		1750	803.9343750			General Use
791	773.940625	773.94375		General Use		1751	803.9406250	803.94375		General Use
792	773.946875			General Use		1752	803.9468750			General Use
793	773.953125	773.95625	773.96250	General Use		1753	803.9531250	803.95625	803.96250	General Use
794	773.959375			General Use		1754	803.9593750			General Use
795	773.965625	773.96875		General Use		1755	803.9656250	803.96875		General Use
796	773.971875			General Use		1756	803.9718750			General Use
797	773.978125	773.98125	773.98750	General Use		1757	803.9781250	803.98125	803.98750	General Use
798	773.984375			General Use		1758	803.9843750			General Use
799	773.990625	773.99375		General Use		1759	803.9906250	803.99375		General Use

800	773.996875			General Use		1760	803.9968750			General Use
801	774.003125	774.00625	774.01250	Interoperability		1761	804.0031250	804.00625	804.01250	Interoperability
802	774.009375			Interoperability		1762	804.0093750			Interoperability
803	774.015625	774.01875		Reserve		1763	804.0156250	804.01875		Reserve
804	774.021875			Reserve		1764	804.0218750			Reserve
805	774.028125	774.03125	774.03750	State license		1765	804.0281250	804.03125	804.03750	State license
806	774.034375			State license		1766	804.0343750			State license
807	774.040625	774.04375		State license		1767	804.0406250	804.04375		State license
808	774.046875			State license		1768	804.0468750			State license
809	774.053125	774.05625	774.06250	State license		1769	804.0531250	804.05625	804.06250	State license
810	774.059375			State license		1770	804.0593750			State license
811	774.065625	774.06875		State license		1771	804.0656250	804.06875		State license
812	774.071875			State license		1772	804.0718750			State license
813	774.078125	774.08125	774.08750	State license		1773	804.0781250	804.08125	804.08750	State license
814	774.084375			State license		1774	804.0843750			State license
815	774.090625	774.09375		State license		1775	804.0906250	804.09375		State license
816	774.096875			State license		1776	804.0968750			State license
817	774.103125	774.10625	774.11250	Interoperability		1777	804.1031250	804.10625	804.11250	Interoperability
818	774.109375			Interoperability		1778	804.1093750			Interoperability
819	774.115625	774.11875		Secondary Trunking		1779	804.1156250	804.11875		Secondary Trunking
820	774.121875			Secondary Trunking		1780	804.1218750			Secondary Trunking
821	774.128125	774.13125	774.13750	General Use		1781	804.1281250	804.13125	804.13750	General Use
822	774.134375			General Use		1782	804.1343750			General Use
823	774.140625	774.14375		General Use		1783	804.1406250	804.14375		General Use
824	774.146875			General Use		1784	804.1468750			General Use
825	774.153125	774.15625	774.16250	General Use		1785	804.1531250	804.15625	804.16250	General Use
826	774.159375			General Use		1786	804.1593750			General Use
827	774.165625	774.16875		General Use		1787	804.1656250	804.16875		General Use
828	774.171875			General Use		1788	804.1718750			General Use
829	774.178125	774.18125	774.18750	General Use		1789	804.1781250	804.18125	804.18750	General Use
830	774.184375			General Use		1790	804.1843750			General Use

831	774.190625	774.19375		General Use		1791	804.1906250	804.19375		General Use
832	774.196875			General Use		1792	804.1968750			General Use
833	774.203125	774.20625	774.21250	General Use		1793	804.2031250	804.20625	804.21250	General Use
834	774.209375			General Use		1794	804.2093750			General Use
835	774.215625	774.21875		General Use		1795	804.2156250	804.21875		General Use
836	774.221875			General Use		1796	804.2218750			General Use
837	774.228125	774.23125	774.23750	General Use		1797	804.2281250	804.23125	804.23750	General Use
838	774.234375			General Use		1798	804.2343750			General Use
839	774.240625	774.24375		General Use		1799	804.2406250	804.24375		General Use
840	774.246875			General Use		1800	804.2468750			General Use
841	774.253125	774.25625	774.26250	Interoperability		1801	804.2531250	804.25625	804.26250	Interoperability
842	774.259375			Interoperability		1802	804.2593750			Interoperability
843	774.265625	774.26875		Reserve		1803	804.2656250	804.26875		Reserve
844	774.271875			Reserve		1804	804.2718750			Reserve
845	774.278125	774.28125	774.28750	State license		1805	804.2781250	804.28125	804.28750	State license
846	774.284375			State license		1806	804.2843750			State license
847	774.290625	774.29375		State license		1807	804.2906250	804.29375		State license
848	774.296875			State license		1808	804.2968750			State license
849	774.303125	774.30625	774.31250	State license		1809	804.3031250	804.30625	804.31250	State license
850	774.309375			State license		1810	804.3093750			State license
851	774.315625	774.31875		State license		1811	804.3156250	804.31875		State license
852	774.321875			State license		1812	804.3218750			State license
853	774.328125	774.33125	774.33750	State license		1813	804.3281250	804.33125	804.33750	State license
854	774.334375			State license		1814	804.3343750			State license
855	774.340625	774.34375		State license		1815	804.3406250	804.34375		State license
856	774.346875			State license		1816	804.3468750			State license
857	774.353125	774.35625	774.36250	Interoperability		1817	804.3531250	804.35625	804.36250	Interoperability
858	774.359375			Interoperability		1818	804.3593750			Interoperability
859	774.365625	774.36875		Reserve		1819	804.3656250	804.36875		Reserve
860	774.371875			Reserve		1820	804.3718750			Reserve
861	774.378125	774.38125	774.38750	General Use		1821	804.3781250	804.38125	804.38750	General Use

862	774.384375			General Use		1822	804.3843750			General Use
863	774.390625	774.39375		General Use		1823	804.3906250	804.39375		General Use
864	774.396875			General Use		1824	804.3968750			General Use
865	774.403125	774.40625	774.41250	General Use		1825	804.4031250	804.40625	804.41250	General Use
866	774.409375			General Use		1826	804.4093750			General Use
867	774.415625	774.41875		General Use		1827	804.4156250	804.41875		General Use
868	774.421875			General Use		1828	804.4218750			General Use
869	774.428125	774.43125	774.43750	General Use		1829	804.4281250	804.43125	804.43750	General Use
870	774.434375			General Use		1830	804.4343750			General Use
871	774.440625	774.44375		General Use		1831	804.4406250	804.44375		General Use
872	774.446875			General Use		1832	804.4468750			General Use
873	774.453125	774.45625	774.46250	General Use		1833	804.4531250	804.45625	804.46250	General Use
874	774.459375			General Use		1834	804.4593750			General Use
875	774.465625	774.46875		General Use		1835	804.4656250	804.46875		General Use
876	774.471875			General Use		1836	804.4718750			General Use
877	774.478125	774.48125	774.48750	General Use		1837	804.4781250	804.48125	804.48750	General Use
878	774.484375			General Use		1838	804.4843750			General Use
879	774.490625	774.49375		General Use		1839	804.4906250	804.49375		General Use
880	774.496875			General Use		1840	804.4968750			General Use
881	774.503125	774.50625	774.51250	Interoperability		1841	804.5031250	804.50625	804.51250	Interoperability
882	774.509375			Interoperability		1842	804.5093750			Interoperability
883	774.515625	774.51875		Reserve		1843	804.5156250	804.51875		Reserve
884	774.521875			Reserve		1844	804.5218750			Reserve
885	774.528125	774.53125	774.53750	State license		1845	804.5281250	804.53125	804.53750	State license
886	774.534375			State license		1846	804.5343750			State license
887	774.540625	774.54375		State license		1847	804.5406250	804.54375		State license
888	774.546875			State license		1848	804.5468750			State license
889	774.553125	774.55625	774.56250	State license		1849	804.5531250	804.55625	804.56250	State license
890	774.559375			State license		1850	804.5593750			State license
891	774.565625	774.56875		State license		1851	804.5656250	804.56875		State license
892	774.571875			State license		1852	804.5718750			State license

893	774.578125	774.58125	774.58750	State license	1853	804.5781250	804.58125	804.58750	State license
894	774.584375			State license	1854	804.5843750			State license
895	774.590625	774.59375		State license	1855	804.5906250	804.59375		State license
896	774.596875			State license	1856	804.5968750			State license
897	774.603125	774.60625	774.61250	Interoperability	1857	804.6031250	804.60625	804.61250	Interoperability
898	774.609375			Interoperability	1858	804.6093750			Interoperability
899	774.615625	774.61875		Secondary Trunking	1859	804.6156250	804.61875		Secondary Trunking
900	774.621875			Secondary Trunking	1860	804.6218750			Secondary Trunking
901	774.628125	774.63125	774.63750	General Use	1861	804.6281250	804.63125	804.63750	General Use
902	774.634375			General Use	1862	804.6343750			General Use
903	774.640625	774.64375		General Use	1863	804.6406250	804.64375		General Use
904	774.646875			General Use	1864	804.6468750			General Use
905	774.653125	774.65625	774.66250	General Use	1865	804.6531250	804.65625	804.66250	General Use
906	774.659375			General Use	1866	804.6593750			General Use
907	774.665625	774.66875		General Use	1867	804.6656250	804.66875		General Use
908	774.671875			General Use	1868	804.6718750			General Use
909	774.678125	774.68125	774.68750	General Use	1869	804.6781250	804.68125	804.68750	General Use
910	774.684375			General Use	1870	804.6843750			General Use
911	774.690625	774.69375		General Use	1871	804.6906250	804.69375		General Use
912	774.696875			General Use	1872	804.6968750			General Use
913	774.703125	774.70625	774.71250	General Use	1873	804.7031250	804.70625	804.71250	General Use
914	774.709375			General Use	1874	804.7093750			General Use
915	774.715625	774.71875		General Use	1875	804.7156250	804.71875		General Use
916	774.721875			General Use	1876	804.7218750			General Use
917	774.728125	774.73125	774.73750	General Use	1877	804.7281250	804.73125	804.73750	General Use
918	774.734375			General Use	1878	804.7343750			General Use
919	774.740625	774.74375		General Use	1879	804.7406250	804.74375		General Use
920	774.746875			General Use	1880	804.7468750			General Use
921	774.753125	774.75625	774.76250	I/O low speed data	1881	804.7531250	804.75625	804.76250	I/O low speed data
922	774.759375			I/O low speed data	1882	804.7593750			I/O low speed data
923	774.765625	774.76875		Reserve	1883	804.7656250	804.76875		Reserve

924	774.771875			Reserve		1884	804.7718750			Reserve
925	774.778125	774.78125	774.78750	State license		1885	804.7781250	804.78125	804.78750	State license
926	774.784375			State license		1886	804.7843750			State license
927	774.790625	774.79375		State license		1887	804.7906250	804.79375		State license
928	774.796875			State license		1888	804.7968750			State license
929	774.803125	774.80625	774.81250	State license		1889	804.8031250	804.80625	804.81250	State license
930	774.809375			State license		1890	804.8093750			State license
931	774.815625	774.81875		State license		1891	804.8156250	804.81875		State license
932	774.821875			State license		1892	804.8218750			State license
933	774.828125	774.83125	774.83750	State license		1893	804.8281250	804.83125	804.83750	State license
934	774.834375			State license		1894	804.8343750			State license
935	774.840625	774.84375		State license		1895	804.8406250	804.84375		State license
936	774.846875			State license		1896	804.8468750			State license
937	774.853125	774.85625	774.86250	Interoperability		1897	804.8531250	804.85625	804.86250	Interoperability
938	774.859375			Interoperability		1898	804.8593750			Interoperability
939	774.865625	774.86875		Reserve		1899	804.8656250	804.86875		Reserve
940	774.871875			Reserve		1900	804.8718750			Reserve
941	774.878125	774.88125	774.88750	General Use		1901	804.8781250	804.88125	804.88750	General Use
942	774.884375			General Use		1902	804.8843750			General Use
943	774.890625	774.89375		General Use		1903	804.8906250	804.89375		General Use
944	774.896875			General Use		1904	804.8968750			General Use
945	774.903125	774.90625	774.91250	General Use		1905	804.9031250	804.90625	804.91250	General Use
946	774.909375			General Use		1906	804.9093750			General Use
947	774.915625	774.91875		General Use		1907	804.9156250	804.91875		General Use
948	774.921875			General Use		1908	804.9218750			General Use
949	774.928125	774.93125	774.93750	low power		1909	804.9281250	804.93125	804.93750	low power
950	774.934375			low power		1910	804.9343750			low power
951	774.940625	774.94375		low power		1911	804.9406250	804.94375		low power
952	774.946875			low power		1912	804.9468750			low power
953	774.953125	774.95625	774.96250	low power		1913	804.9531250	804.95625	804.96250	low power
954	774.959375			low power		1914	804.9593750			low power

955	774.965625	774.96875		low power		1915	804.9656250	804.96875		low power
956	774.971875			low power		1916	804.9718750			low power
957	774.978125	774.98125	774.98750	low power		1917	804.9781250	804.98125	804.98750	low power
958	774.984375			low power		1918	804.9843750			low power
959	774.990625	774.99375		low power		1919	804.9906250	804.99375		low power
960	774.996875			low power		1920	804.9968750			low power