



May 29, 2012

Federal Communications Commission
Office of the Secretary
445 12th Street NW
Washington, D. C. 20554

Attention: Chief, Public Safety and Homeland Security Bureau

Subject: WTB Docket No. 02-378, Region 53 (Texas – San Antonio) 700 MHz Regional Plan

Dear Secretary:

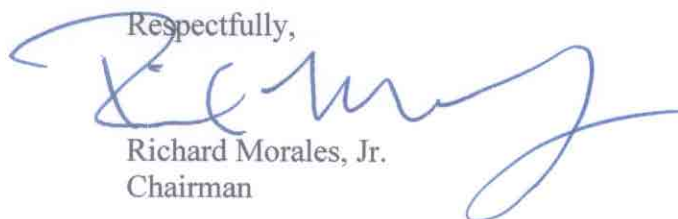
Attached is the Region 53, 700 MHz Regional Plan for your review and approval. This Plan was approved by the membership of the Regional Planning Committee on March 1, 2012. Copies of the Plan were distributed to the three adjoining regions for their review and concurrence. Copies of each of the three letters of concurrence are included as Attachment 2 to our Plan.

I want to thank the National Coordinating Committee (NCC), the National Public Safety Telecommunications Council (NPSTC), and the National Regional Planning Council (NRPC) and their leadership for the tools and guidance that helped us through the planning process.

It is our hope that this plan will receive your approval and allow public safety entities throughout our region to access this much needed frequency spectrum.

Please feel free to contact me if there are any questions at 210-207-7022, or Richard.Morales@Sanantonio.gov.

Respectfully,



Richard Morales, Jr.
Chairman

Richard Morales, Jr.
Region 53 Regional Planning Committee Chairman
Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
(210) 207-7022 or cell (210) 215-7022
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Carol Sutherland
Region 53 Secretary
Strategic Communications Planning
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Council of Governments

Counties

Alamo Area COG

Atascosa
Bandera
Bexar
Comal
Frio
Gillespie
Guadalupe
Karnes
Kendall
Kerr
Medina
Wilson

Coastal Bend COG

Aransas
Bee
Brooks
Duval
Jim Wells
Kleberg
Kenedy
Live Oak
McMullen
Nueces
Refugio
San Patricio

Golden Crescent Regional Planning Commission

Calhoun
DeWitt
Goliad
Gonzales
Jackson
Lavaca
Victoria

Lower Rio Grande Valley Development Council

Cameron
Hidalgo
Willacy

Middle Rio Grande Development Council

Dimmit
Edwards
Kinney
La Salle
Maverick
Real
Uvalde
Val Verde
Zavala

South Texas Development Council

Jim Hogg
Starr
Webb
Zapata



REGION 53 700 MHz Plan

(Texas - San Antonio, South Texas)



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Attachments

Attachment 1: Combined Inter-Regional Agreements

Attachment 2: Combined Letters of Concurrence

1. 764-776/794-806 MHz Regional Plan for Region 53 (South Texas, San Antonio)

This document is the regional plan for Region 53 (South Texas, San Antonio) describing how the 746- 776/796-806 MHz General Use frequencies will be allocated and implemented in the region.

1.1 Regional Officers and Membership

At the time of transmittal of this plan to the FCC, the following individuals serve in leadership roles of the Region 53 Regional Planning Committee (RPC).

The Chairman of Region 53 is Richard Morales, Jr. His contact information is:

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Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
(210) 207-7022 or cell (210) 215-7022
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The Vice-Chairman of Region 53 is Derrick Walker. His contact information is:

Derrick Walker
Radio System Manager
City of Live Oak Police Department
(210) 653-9140 ext. 107 or cell (210) 793-3743
dwalker@liveoaktx.net

The Secretary /Treasurer of Region 53 is Carol Sutherland. Her contact information is:

Carol Sutherland
Strategic Communications Planning
Texas Department of Public Safety (support)
(210)844-8969; email carol.sutherland@dps.texas.gov.

From time to time, as described in the Committee By-Laws (Appendix A) these positions will be subject to re-election. At any such time as one of these positions changes, the Chair will be responsible for taking the following actions:

- Providing notice to the FCC of the changes;
- Providing notice to the entity maintaining the CAPRAD system of the changes;
- Modifying the Region 53 information on www.NIIX.org to reflect the changes.

Such changes will not be considered as plan modifications, and will not require that this document be resubmitted to the FCC for public notice and comment cycles.

Membership in the Region 53 RPC is open to any interested party. Committee officer requirements, voting procedures and membership attendance requirements are listed in the Region 53 Regional Planning Committee Bylaws. Appendix A contains these bylaws. Appendix B includes a list of Region 53's members and their agency/affiliation through the date of plan submission. Voting and operating procedures are described in Section 2.3 of this plan.

1.2 FCC 90.527 – Major Elements of the Plan

This section identifies the location of each FCC regional plan requirement for 764-776/794-806 MHz Regional Plans:

(a) Common elements. Regional plans must incorporate the following common elements:

(1) Identification of the document as the regional plan for the defined region with the names, business addresses, business telephone numbers, and organizational affiliations of the chairpersons and all members of the planning committee. See Sections:

- Section 1: 764-776/794-806 Regional Plan for Region 53 (South Texas – San Antonio)
- Appendix B: Region 53 Membership List

(2) A summary of the major elements of the plan and an explanation of how all eligible entities within the region were given an opportunity to participate in the planning process and to have their positions heard and considered fairly. See Sections:

- Section 1.2: FCC 90.527- Major Elements of the Plan
- Section 2.2: Notification Process

(3) A general description of how the spectrum would be allotted among the various eligible users within the region with an explanation of how the requirements of all eligible entities within the region were considered and, to the degree possible, met. See Section:

- Section 3.1: Allotment of Narrowband General Use Channels

(4) An explanation as to how needs were assigned priorities in areas where not all eligible entities could receive licenses. See Section:

- Section 4: Priority Matrix

(5) An explanation of how the plan had been coordinated with adjacent regions. See Section:

- Section 6: Coordination with Adjacent Regions

(6) A detailed description of how the plan put the spectrum to the best possible use by requiring system design with minimum coverage areas, by assigning frequencies so that maximum frequency reuse and offset channel use may be made, by using trunking, and by requiring small entities with minimal requirements to join together in using a single system where possible. See Section:

- Section 7.2: Spectrum Efficiency Standards

(7) A detailed description of the future planning process, including, but not limited to, amendment process, meeting announcements, data base maintenance, and dispute resolution. See Sections:

- Section 2.2: Notification Process
- Section 2.4: Dispute Resolution – Intra Regional
- Section 2.5: Dispute Resolution – Inter Regional
- Section 2.5: Plan Amendments
- Section 9: Future Planning

(8) A certification by the regional planning chairperson that all planning committee meetings, including subcommittee or executive committee meetings were open to the public. See: Appendix K.

2. Regional Planning Committee

2.1 Description of Region

Region 53 is comprised of 47 counties in South Texas. The following figure shows the geographical relationship of the counties to each other and to the rest of the state.

Region 53

(Texas-San Antonio, South Texas)



The following tables list each of the 47 counties and indicate the following information for each county:

- County area in square miles.
- County's estimated population in 2010 (if available).
- Approximate maximum ground level elevation (above sea level) in the county.
- County's population density (persons per square mile) used to develop the 700 MHz channel allocations.
- General description of the county's topography.

Counties Characteristics and Topography

County	Area (sq mi)	Population (2010 est.)	~Min. Elev (ft. asl)	~Max.Elev (ft. asl)	Population Density /sq. mi.	Topographic Characterization	Metropolitan/ Micropolitan Statistical Area
Aransas	252	23,158	0	16	91.9	Coastal marshland and oak and native grass prairies	Corpus Christi Metro
Atascosa	1,232	44,911	219	587	36.5	Fertile rolling farm and ranch grassland	San Antonio Metro
Bandera	792	20,485	1,079	1,715	25.9	Texas Hill Country, Edwards Plateau and Aquifer Recharge Zone	San Antonio Metro
Bee	880	31,861	45	239	36.2	Rolling farm and ranch grassland with large oak and mesquite trees	Beeville Micro
Bexar	1,247	1,714,773	505	1,338	1,375	Texas Hill Country with rolling fertile farm lands and hilly, rocky crags	San Antonio Metro
Brooks	943	7,223	55	318	7.7	Large oak stands, dense brush, farm and ranch plains abutting the coastline	None
Calhoun	512	21,381	0	19	41.7	Upper Texas gulf coast with beaches and flat marsh grassland	Victoria Metro
Cameron	906	406,220	19	36	448.5	Lower Rio Grande Valley coastal plains with agricultural acreage	Harlingen Metro
Comal	561	108,472	660	1,476	193	Rolling hills, rocky crags with dense vegetation, abundant waterways and recreation areas	San Antonio Metro
DeWitt	909	20,097	91	360	22.1	Flat to rolling farm and ranch pastures	None
Dimmit	1,730	9,996	449	672	7.5	Heavy brush covered terrain in ranching and hunting enterprises	None
Duval	1,792	11,782	259	780	6.6	Scrub brush and cactus covered ranchland	None
Edwards	2,120	2,002	1,328	2,378	0.9	Some of the highest points in the state merging to desert-like covered flat lands	None
Frio	1,133	17,217	380	764	15.2	Heavy brush land to juniper covered hills	None
Gillespie	1,061	24,837	1,105	2,244	23.4	Hill country hub with fertile valleys and granite rock escarpments	None

Counties Characteristics and Topography - continued

County	Area (sq mi)	Population (2010 est.)	~Min. Elev (ft. asl)	~Max. Elev (ft. asl)	Population Density /sq. mi.	Topographic Characterization	Metropolitan/ Micropolitan Statistical Area
Goliad	954	7,210	52	298	8.4	Rolling coastal grasslands with fertile vegetated prairies	Victoria Metro
Gonzales	1,068	19,807	193	505	18.6	Hills thick with oak and native vegetation in non-farming and ranching areas	None
Guadalupe	711	131,533	344	793	185.0	Foothills of the Texas hill country with dense oak, juniper, native grasses and trees	San Antonio Metro
Hidalgo	1,570	774,769	26	328	493.6	Flat Rio Grande Valley farm and ranchland	McAllen, Edinburg, Mission Metro
Jackson	829	14,075	0	164	17.0	Upper Texas gulf coast flat marsh grassland and rice farming paddies	Victoria Metro
Jim Hogg	1,136	5,301	246	744	4.7	Brush covered caliche hills and ranchland	None
Jim Wells	865	40,838	16	446	47.2	Coastal prairie abutting near-desert lands	Alice Micro
Karnes	750	14,824	180	475	19.8	Hills and coastal plains in mineral valley	None
Kendall	662	33,410	374	2,043	50.4	Granite, limestone and caliche hills with valleys of juniper, oak and mesquite canopies	San Antonio Metro
Kenedy	1,457	416	0	68	0.3	Lower Texas coastline with sand dunes and ranchland with heavy brush	Kingsville Micro
Kerr	1,106	49,625	1,381	2,345	44.9	Hill country hub with fertile valleys and granite and limestone rock escarpments	Kerrville Micro
Kinney	1,363	3,598	790	1,975	2.6	Heavy brush covered rolling terrain	None
Kleberg	871	32,061	0	154	36.8	Coastal prairie abutting near-desert lands	Kingsville Micro
La Salle	1,489	6,886	259	583	4.6	Desert-like scrub brush interspersed with oak and mesquite groves	None
Lavaca	970	19,263	85	505	19.9	Coastal plains with native grasses and trees	None

Counties Characteristics and Topography - continued

County	Area (sq mi)	Population (2010 est.)	~Min. Elev (ft.asl)	~Max.Elev (ft. asl)	Population Density /sq. mi.	Topographic Characterization	Metropolitan/ Micropolitan Statistical Area
Live Oak	1,036	11,531	91	498	11.1	Heavy oak and mesquite tree canopies on rolling terrain and grass lands	None
Maverick	1,280	54,258	538	935	42.4	Rolling brush and cactus covered limestone and caliche berms	Eagle Pass Micro
McMullen	1,113	707	150	629	0.6	Thick brush covered land	None
Medina	1,328	46,006	541	1,981	34.6	Tree covered hills on the edge of the balcones escarpment	San Antonio Metro
Nueces	836	340,223	0	98	407.1	Sea port located on gulf coast; coastal flat marsh beaches and grass lands near agriculture lands	Corpus Christi Metro
Real	699	3,309	1,374	2,385	4.7	Balcones mountain range with spring fed streams and rivers	None
Refugio	770	7,383	0	75	9.6	Coastal grass lands of the gulf coast	None
San Patricio	692	64,804	0	170	93.7	Grass and tree covered agriculture prairies	Corpus Christi Metro
Starr	1,223	60,968	124	561	49.9	Dense scrub brush covered caliche hills	Rio Grande City, Roma Micro
Uvalde	1,557	26,405	652	1,975	17.0	Tree covered hills on the edge of the balcones escarpment	Uvalde Micro
Val Verde	3,170	48,879	849	2,194	15.4	Brush covered caliche hills and ranchland	Del Rio Micro
Victoria	883	86,793	0	187	98.3	Inland port located on gulf coast; beaches transitioning to ranchland	Victoria Metro
Webb	3,357	250,304	269	702	74.6	Heavy brush covered ranchland	Laredo Metro
Willacy	597	22,134	0	55	37.1	Coastal plains with beaches and agriculture acreage	Raymondville Micro
Wilson	807	42,910	282	777	53.2	Rolling hills and prairies	San Antonio Metro
Zapata	997	14,018	301	574	14.1	Scrub brush, cactus berms and ranchland	None
Zavala	1,298	11,677	528	951	9.0	Dense cactus and brush covered terrain	None

The region is characterized by the lower Texas Gulf Coast beaches and marsh grasslands to the east. The south and west area of the region is the international border with Mexico. Rolling hill country with rock cliffs and deep sided canyons make up the northern area of Region 53. Dense vegetation, recreational waterways, dry scrub brush acreage and fertile farm and ranch grasslands are scattered throughout the region.

Other than the gulf coast, the most significant geological feature of the region is the Edwards Plateau and Aquifer Recharge Zone which runs through portions of Edwards, Kinney, Real, Kerr, Bandera, Uvalde, Medina, Kendall, Bexar, and Comal counties. The San Antonio segment of the Aquifer extends in a 160 mile arch-shaped curve through these counties. The rugged, rolling topography of the Aquifer is covered with thick woodlands of oak and cedar.

Population densities (based on 2010 census data) in the region range from a rural .9 persons per square mile in Edwards County to an urban 1,375 persons per square mile in Bexar County. There are ten cities with populations exceeding 50,000 in the region.

CITY	COUNTY	POPULATION
Brownsville	Cameron	175,023
Corpus Christi	Nueces	305,215
Edinburg	Hidalgo	77,100
Harlingen	Cameron	64,849
Laredo	Webb	236,091
McAllen	Hidalgo	129,877
Mission	Hidalgo	77,058
New Braunfels	Comal	57,740
San Antonio	Bexar	1,327,407
Victoria	Victoria	62,592

The variety of terrain and population densities presents some unique problems in achieving full radio coverage of some jurisdictions' areas. All these factors were considered when designing flexibility into this plan.

In previous NPSPAC 821 MHz frequency allotments, spectrum amounts disproportionate to population densities were allotted. In the 700 MHz band, county allotments for the narrowband channels have been developed based on terrain characteristics and population densities both within the region and relative to adjacent regions. Due to the region's diverse population densities and the scarce spectrum resources in the region's heavily populated areas, it is anticipated the majority of requests for voice/data spectrum will be from the metropolitan areas, several of which currently operate existing 800 MHz radio networks.

There are six Metropolitan Statistical Areas located in the Region. Their names, counties in which they are located, and their estimated 2010 populations (per the Texas State Demographer) are:

MSA	County	Population
Brownsville-Harlingen	Cameron	398,624
Corpus Christi	Aransas, Nueces, San Patricio	418,307
Laredo	Webb	241,974
McAllen-Edinburg-Mission-Pharr	Hidalgo	747,512
San Antonio-New Braunfels	Atascosa, Bandera, Bexar, Comal, Guadalupe, Kendall, Medina, Wilson	2,090,692
Victoria	Calhoun, Goliad, Victoria	116,453

It is anticipated that other areas within Region 53 may request 700 MHz channels from established county pool allotments to either expand existing 800 MHz systems or develop new 700 MHz systems.

2.2 Notification Process

Richard Morales, vice-chairman of the Region 53 - 821 MHz Regional Review Committee, was the 700 MHz Convener for the initial meeting. The first 700 MHz RPC meeting date was August 11, 2011. Interested parties were given more than 60 days' notice prior to the first meeting. Announcements of the date, time, location, and purpose of the first meeting were sent to the FCC Wireless Telecommunications Bureau and published on each of the six Region 53 Councils of Governments websites and the Texas Department of Public Safety website. More than 590 copies of the first meeting notice were mailed and emailed to all known federal, state, and local public safety agencies within the region. Legal notices were published in the major newspaper serving each Council of Government.

The Secretary utilized many resources to develop the master mailing list of federal, state, and local public safety agencies with offices in the region. Agencies providing contact information include: Sheriff's Association of Texas, Texas Department of Public Safety, Southwest Border Communications Working Group, Texas Association of Regional Councils, Alamo Area Council of Government (COG), Coastal Bend COG, Golden Crescent Regional Planning Commission (COG), Lower Rio Grande Valley Development Council (COG), Middle Rio Grande Development Council (COG), and South Texas Development Council (COG). A sample mailing list is included in Appendix C.5.

There are three federally recognized Indian tribes in Texas today. Based on information from the Bureau of Indian Affairs, the only Native American tribal reservation located within Region 53 is the:

- Kickapoo Traditional Tribe of Texas in Eagle Pass, Texas.

Copies of the first meeting's notice were mailed to the Tribal Police Chief and the second Region 53 meeting was in Eagle Pass, on September 29, 2011, 8.8 miles from the Tribe Reservation. A representative from the Kickapoo Traditional Tribe attended the Eagle Pass Region 53 meeting.

Copies of the public notice issued by the FCC, the mailed notice of Region 53's meeting, the notice placed on the websites and the ads placed in multiple newspapers are included in Appendix C.1.

At the first meeting all participants were asked by which methods they had received notice of the meeting. The great majority of participants had received the direct mail and email notices, and preferred electronic notification. Therefore, it was decided to discontinue expensive newspaper notices for future meetings, and use email and websites for future meeting notifications and Region 53 business.

Subsequent meetings of the committee were also publicized by FCC Notice, postings on the Councils of Governments and DPS websites, and the Texas Region 53 700 Planning Committee community website at www.NIIX.org, and email notices. These subsequent notices were also issued two to four weeks before the meeting date, and copies are included in Appendix C.2.

Meetings of the committee were held at various geographic locations throughout the region to promote participation of representatives from all entities within the region. Five of the six Councils of Governments making up Region 53 have hosted RPC meetings in their area thus far. WebEx attendance is offered as an alternative participation.

Since Region 53 is adjacent to the international border with Mexico participation by the Texas Department of Public Safety was common.

The Region 53 - 700 MHz master membership and point-of-contact (POC) list was created March 2011 and is updated routinely as information is verified. The POC list is under the Texas Region 53 community at www.NIIX.org. This website and membership list is also used to exchange information as well as disseminate planning documents, meeting times, dates, locations, and agendas throughout the regional planning process.

2.3 Operations of the Regional Planning Committee

This committee uses Robert's Rules of Order to conduct meetings. All decisions are made by clear consensus vote with each public safety agency in attendance having one (1) vote. Additional voting member considerations are listed in the Region 53 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. Appendix K is a Certification of Open Meetings. Any changes to the regional plan must be voted on and

approved by a majority of members attending a full Regional Planning Committee meeting, in accordance with the procedures contained in Section 2.6 of this plan.

Officers of the committee are the chairman, vice-chairman and secretary. They are elected for a term of five years, or until their successors, if any, are chosen, or in each case until he or she sooner dies, resigns, is removed or becomes disqualified. If the chairman is unable to serve a complete term, the vice-chairman will serve as chairman until the next committee meeting.

Invitees are encouraged to provide input into the planning process. During the meetings, participants are encouraged to comment on the meeting's agenda items and any other pertinent matters. Comments may be heard at the meetings, provided ahead of the meetings on the web sites, and made directly to the chairman, other committee officers, and the subcommittee chairmen.

When comments are made at meetings, the chairman acknowledges the question/comment, and deliberation follows until the commenting party is satisfied or until additional information can be gathered and presented at the next meeting. If voting is necessary, Roberts Rules of Order are followed.

Texas has formed a Statewide Interoperability Executive Committee (SIEC) to manage the 700 MHz interoperability channels. A link to the Texas Statewide Interoperability Channel Plan can be found in Appendix D: 700 MHz Interoperability Channel Recommended Nomenclature and Texas Statewide Interoperability Committee Guidelines. The Texas Statewide Interoperability Coordinator (SWIC) works closely with the SIEC and Region 53 officers.

Subcommittees: Subcommittees have been formed as needed to work on specific issues. At the first meeting three subcommittees were formed. These subcommittees are intended to work on the details of specific issues and make recommendations to the full committee for the development of the regional plan. Participation in subcommittees is open to any member. The chairman of the RPC appoints each subcommittee chairman. The initial Region 53 subcommittees and their current chairmen are listed below:

- Bylaws: Carol Edgett, Comal County
- Technology/Software/Interoperability: Michael Quinn, Alamo Area Council of Governments
- Peer Review / Dispute Resolution: Joe Jarrett, Texas DPS Frequency Coordinator

Meetings: An annual meeting of the full committee shall be held in San Antonio, Texas on the first Thursday of March of each year, or if that date is a legal holiday, then on the next succeeding business day that is not a legal holiday.

Quarterly meetings of the committee shall be held the first Thursday of June, September, and December of each year at a location to be determined by the Committee. The chairman also has the authority to call meetings whenever he/she deems it necessary or in the best interest of the region to convene. In an attempt to offer as many people as possible the opportunity to

contribute to the committee, some of the meetings have been, and will continue to be held in various locations within Region 53.

A chronological list of meetings, meeting announcements, agendas, and meeting minutes documenting Region 53's progress in 700 MHz development is located in Appendix C of this document.

2.4 Dispute Resolution: Intra-Regional

In the event an agency disputes the implementation of all or parts of this plan, the agency must notify the chairman of the dispute in writing. The chairman will first attempt to resolve the dispute on an informal basis. If a party to the dispute employs the chairman, then the vice chairman will attempt resolution. If after 45 days the dispute is not resolved, the chairman (or vice chairman) will hand-off the dispute to the Peer Review / Dispute Resolution Subcommittee.

In order to ensure that the appeal process is open and understandable to everyone, the RPC has developed the following procedures. Those involved in the appeal process can expect the RPC and its members to follow these procedures (as may be amended from time to time). Where any matter arises during the course of an appeal that is not addressed in this document, the RPC will do whatever is necessary to enable it to adjudicate the appeal fairly, effectively, and completely. As the RPC gains experience, it will refine and, if necessary, change its policies. Any changes made to the procedure will require an administrative modification to the Regional Plan and will be made available to the public. The RPC will make every effort to process appeals in a timely fashion and issue decisions expeditiously.

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

B. To ensure the appeal process is kept open and fair to the participants, any correspondence to the subcommittee must be sent to its Chair and be copied to all other subcommittee members and other parties to the appeal, if applicable. Subcommittee members will not contact a party on any matter relevant to the merits of the appeal, unless that member puts all other parties on notice and gives them an opportunity to participate. The appeal process is public in nature and all meetings regarding the appeal will be open to the public.

C. The subcommittee hears appeals from a determination or assignment by the RPC and includes the following: number of channels assigned, interference, or any other criteria that the region shall establish.

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

E. To serve a notice of appeal upon the RPC: The notice of appeal may be “delivered” by mail, courier, e-mail (must be on the appealing entity’s official letterhead and include the originator’s signature, such as using a scanned image in Portable Document Format of an original letter) or hand delivered, to the Chair and Secretary of the RPC. The Secretary will in-turn transmit notice of the appeal to all then-current RPC members via Region 53 Membership POC email list within 10 working days of receipt. To be accepted for consideration the notice of appeal must include:

1. The name and address of the appellant;
2. The name of the person, if any, making the request for an appeal on behalf of the appellant;
3. The address for service of the appellant;
4. The grounds for appeal (a detailed explanation of the appellant’s objections to the determination - describe errors in the decision);
5. A description of the relief requested (what the appellant wants the RPC to do at the end of the appeal);
6. The signature of the appellant or the appellant’s representative.

F. To appeal a determination or assignment, the entity that is subject to the determination must deliver a notice of appeal within twenty-one (21) calendar days after receiving the decision. If a notice of appeal is not delivered within the time required, the right to an appeal is lost.

G. The RPC has the discretion to extend the time to appeal either before or after the twenty-one (21) calendar day deadline. A request for an extension should be made to the Chair and Secretary in writing, and include the reasons for the delay in filing the notice of appeal, and any other reasons which the requester believes support an extension of time to file the appeal. In deciding whether to grant an extension, the RPC will consider whether fairness requires an extension. The RPC will consider the length of the delay, the reasons for the delay, any prejudice to those affected by the delay, and any adverse impact that may result from an extension. Other factors not identified here could also be relevant, depending on the circumstances of the particular case.

H. The RPC may reject a notice of appeal if it is determined that the appellant does not have standing to appeal, or the RPC does not have jurisdiction over the subject matter or the remedy sought. Before an appeal is rejected, the RPC Chair will inform the appellant of this in writing, with reasons, and give the appellant a twenty-one (21) calendar day opportunity to make additions or corrections.

I. The Peer Review Subcommittee has the discretion to add any other person who may be “affected” by the appeal as a party to the appeal. Anyone desiring to obtain party status should make a written request to the Peer Review Subcommittee Chair as early as possible.

The written request should contain the following information:

- The name, address, telephone number and email address (if any), of the person submitting the request;

- A detailed description of how the person is “affected” by the notice of appeal;
- The reasons why the person should be included in the appeal;
- The signature of the person submitting the request.

J. The Peer Review Subcommittee may also invite or permit someone to participate in a hearing as an intervener. Interveners are generally individuals or groups that do not meet the criteria to become a party (i.e. “may be affected by the appeal”) but have sufficient interest in, or some relevant expertise or view in relation to the subject matter of the appeal. Anyone wanting to take part in an appeal as an intervener should send a written request to the Peer Review Subcommittee Chair. The written request should contain information that qualifies the intervener’s interest and expertise to assist in the matter while also demonstrating why they should not be considered a party to the appeal. Prior to inviting or permitting a person to participate in a proceeding as an intervener, or deciding on the extent of that participation, the Peer Review Subcommittee will provide all parties with an opportunity to comment if they wish to do so.

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

L. The Peer Review Subcommittee will follow the general rule that the burden or responsibility for proving a fact lies with the person who asserts it.

M. Any party intending to present expert evidence at a hearing will be required to provide the subcommittee, and all other parties to the appeal, with reasonable advance notice that an expert will be called to give an opinion. The notice should include a brief statement of the expert’s qualifications and areas of expertise. If a party intends to produce, at a hearing, a written statement or report prepared by an expert, a copy of the statement or report should be provided to the Subcommittee and all parties to the appeal within a reasonable time before the statement or report is given in evidence. Unless there are compelling reasons for later admission, expert reports should be distributed not less than twenty-one (21) calendar days prior to the hearing date.

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

O. If a party is not satisfied with the decision of the Peer Review Subcommittee, he or she can appeal that decision to the full membership of the RPC or to the 700 MHz National Planning Oversight Committee or other body designated to handle matters of this nature. As a last resort, the dispute will be forwarded to the Federal Communications Commission for final resolution.

2.5 Dispute Resolution – Inter-Regional

In the event that a dispute arises between Region 53 and an adjacent region or regions, regarding channel allotments or assignments that cannot be resolved within 60 days, the parties to the dispute will request a hearing by the appropriate subcommittee of the National Regional Planning Council (NRPC), or any subsequent oversight organization. See Appendix G for a sample Inter-Regional Dispute Resolution Agreement, and Attachment 1 for copies of the signed agreements between Region 53 and adjacent Regions 49, 50, and 51.

2.6 Plan Amendments

Region 53 maintains planning documents for download and review at www.NIIX.org. To access the Plan and Appendices go to: *Your Communities*, then click on *Texas Region 53 700 MHz Planning Committee*. All current plan documents, meeting announcements, meeting minutes, and other pertinent information are maintained at this website.

It is anticipated that two types of plan modifications will be made in the future: administrative changes that do not alter spectrum allotments in the plan, and changes that do alter the spectrum allotments in the plan. Each of these types of changes will be handled by a different process.

A. From time to time the Committee may need to make changes to the plan that are purely administrative in nature, and that do not alter any spectrum allotments. Examples of such changes include changes in officer positions, changes in meeting schedules, changes in application processing procedures, etc.

Proposed administrative changes to the plan will be presented to the Committee at a properly scheduled meeting, and adopted at that meeting, if possible. Upon a vote by the majority of members in attendance at that meeting, consideration of the change may be held over for subsequent meetings to allow further information to be collected or further debate to occur. Once the proposed change is adopted by the Committee, the amended plan will be filed with the FCC for formal ratification. Copies will also be provided to the chairmen of the adjoining regions so they are aware of the administrative changes.

B. From time to time the Committee may need to make changes to the plan that alters the allotment of channels. Examples of such changes include situations in which one county-like area has fully exhausted their initial allotment and needs additional channels to meet their demonstrated need, while other county-like areas have demonstrated no interest in planning or funding the use of their allotted channels.

Proposed changes of this nature will be presented to the Committee at a properly scheduled meeting, and will be considered at that meeting and one subsequent meeting. Once the proposed change is approved by the Committee, notification of the proposed change will be sent to the chairmen of the adjacent regions for their concurrence. The adjoining regions will be requested to provide their comments or consent within 45 calendar days of their receipt of the notification.

Once adjacent regions' comments or consent is received, or the 45 day period has expired, the Committee will again consider and vote on the proposed change at a properly scheduled meeting. Upon adoption of the change by the Committee, the amended plan will be submitted to the FCC for ratification.

3. Regional Plan Administration

3.1 Allotment of Narrowband "General Use" Channels

This regional plan uses the 2008 general use channel sort as shown on the CAPRAD database for narrowband general use channels. The CAPRAD sort and allotment process used many factors, including population densities and geographic terrain features, to achieve nationwide allotments that are efficient, while minimizing co-channel and adjacent channel interference both within and between neighboring regions. Region 53 utilizes the CAPRAD database and will maintain the regional plan and current frequency allotment/assignment information on the database.

It must be emphasized that the initial allotments produced by the CAPRAD sort are starting points for frequency assignments in all regions. The major purpose of the CAPRAD sort was to establish non-interfering allotments along all regional borders, thus greatly simplifying the initial coordination between all adjoining regions. Indeed, the technical proposal paper for the initial 2003 CAPRAD sort stated, "Pre-allotments may be altered without the need for inter-regional coordination as long as adjacent regions are not impacted. Changes that impact adjacent region(s) can only be made with inter-regional concurrence(s)."

The Region 53 RPC has both the ability to initiate and accept recommendations, and the authority to change the frequency allotments.

If at any time a system is assigned channels within Region 53 and the system cannot be developed within the agreed terms, the channels will be returned to the original county pool allotment and again be available to other agencies in the region.

Allotments to all counties within Region 53 have been made utilizing the national CAPRAD database sort. Due to the impending narrowband date, and for ease of licensing, the CAPRAD 25 KHz channel allotments have been split to provide two 12.5 KHz channels. The 25 KHz channel assignments are divided into consecutive 12.5 KHz "A" and "B" blocks. The "A" block is the lower of the two frequencies, and the "B" block is the higher of the two frequencies. The "A" block is prioritized for primary system assignments within the assigned geographic area, and the "B" block is prioritized for "orphan" assignments. This is more efficient use of spectrum. (See Section 3.5.)

These channel groups will allow for various digital technologies to be implemented. Appendix F reflects the results of these choices.

Agencies will be expected to maintain 12.5 KHz equivalency when developing systems and will be required to utilize both 12.5 KHz portions of the 25 KHz block, or surrender licenses to prevent interference to primary use channels. To the maximum extent possible, and in order to promote spectrum efficiency, Region 53 will attempt to ensure that systems allocated the 25 KHz channel blocks will utilize the entire channel, and not “orphan” any portions of an assigned channel. It is expected that all agencies requesting spectrum during the initial filing window (see Section 3.6.A) will be assigned channels if plan requirements and interference standards are met.

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

3.2 “Limited Area” Operations

In the implementation of 700 MHz public safety systems throughout Region 53, there may be opportunities for increased channel reuse by developing radio systems for “limited area” type operations. Examples of those who may be able to capitalize on this opportunity include hospitals, stadiums, malls, places of public gathering, universities, and ports. In many instances, these facilities require a smaller or more specific geographical coverage area than was assumed in the channel packing plan, and may be able to reuse channels more efficiently. These “limited area” type systems also, in many cases, require in-building or confined space/ tunnel radio coverage or communications along a linear pathway, such as a right of way.

There are no channels allocated within the 700 MHz band plan for “limited area” operation. The region encourages applicants to use general pool channels assigned to each geographic county area for “limited area” operations so that channels can be reused within the same county boundary and reused for out-of-pool assignments.

The use of channels for “limited area” operations will allow co-channel spacing significantly less than typical co-channel assignments within the CAPRAD database. Any requests for channels which will operate in a “limited area” must meet the interference criteria for general pool channels defined in Section 7. Out-of-pool assignments for “limited area” use channels will be made on a case by case basis at the discretion of the RPC.

Channels assigned to this type operation can lead to effective system development, along with increased spectral efficiency, if the service contour and interference protection needs of the system are carefully considered in system planning. System parameters must be used that are appropriate to the service area.

Reduced external antenna height, along with reduced ERP, directional antennas, distributed antenna systems, and radiating “leaky coax,” are examples of tools that should be utilized in the development of these type systems.

Region 53 will ensure that these types of systems will not interfere with co-channel or adjacent channel users within the region or its adjacent regions. The RPC will require engineering studies from the applicant that indicate no harmful interference will be introduced to any co-channel or adjacent channel user prior to application approval. The committee is the final authority on parameters associated with “limited area” type operations.

3.3 “Give Back” Channels

When applying for new 700 MHz channels, the RPC expects applicants to relinquish an amount of currently used spectrum (“give back channels”) and make that spectrum again available for use. This currently licensed spectrum may be in any public safety band. This requirement does not apply to agencies with existing 800 MHz systems that are requesting 700 MHz channels for system expansion. The number of channels an applicant may retain after this “give back” may include those needed for interoperable communications with surrounding jurisdictions. If an agency considers the number of channels relinquished by the applicant to be insufficient, their objection will be handled in the same manner as an assignment dispute (see section 3.7).

It is anticipated each agency will have a certain migration period during which both their existing frequencies and their 700 MHz assignments will be utilized. The RPC will review and approve an appropriate “give back” timetable that will allow a specified time period for new system optimization. This will make an applicant’s legacy system available to the applicant for a limited time period during migration, implementation, and optimization of the new system.

When both the applicant and the RPC agree upon the number of “give back” channels and a date is established for implementation of the new system, the applicant will provide the committee with a ‘giveback agreement’ letter containing all pertinent give back channel information. This will enable other agencies in the area to benefit from, license, and implement the applicant’s “give back” channels.

Frequency “give back” requirements also apply for regional systems where system participants maintain discrete licenses for their own operations. In the case of a partnership system, all participating political subdivisions or agencies are required to participate in the “give back” plan. Should one 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. Region 53 may utilize any mechanism needed to retain “give back” frequencies within the region and allow for maximum spectral use.

Frequencies used for non-voice critical infrastructure support functions (such as Supervisory Control and Data Acquisition systems) as well as frequencies that are used for interoperability with other regional, state, or national agencies that rely on other frequency bands for emergency operations (such as, but not limited to, the Texas Statewide Interoperability Channel Plan channels), may be exempted by the committee 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 shown in the application documentation package to enable the RPC to consider exemptions.

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. They comprise an inclusive unit.

Microwave frequencies, or systems licensed within the “Microwave Public Safety Pool” (radio service Code “MW”) shall be exempt from this requirement.

In cases of hardship or untoward implementation, the RPC will consider, on a case-by-case basis, extensions of the “give back” timetable. Should there be a protest the dispute resolution process in Section 2.4 of this document shall apply.

3.4 Low Power Channels

The FCC in the 700 MHz band plan set aside channels 1 - 8 paired with 961 – 968, and channels 949 –958 paired with 1909 – 1918, for on-scene incident response purposes using low power mobiles and portables subject to Commission-approved regional plans. Channels 9 –12 paired with 969 – 972, and channels 959 – 960 paired with 1919 – 1920, are licensed nationwide for itinerant operation. Transmitter power and/or ERP on any of these channels must not exceed the maximum allowed by the FCC for these channels (two watts ERP). All of these channels may be operated in either the narrowband analog or the digital mode.

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.

On scene temporary base and mobile relay stations are allowed (to the extent FCC rules allow; 2 watts ERP) with antenna height limit of 6.1 meters (20 feet) above ground level (AGL). However, users are encouraged to operate in simplex mode with the least amount of power to reliably maintain communications whenever possible.

In its dialog leading up to the rules allocating the twenty-four low power 6.25 KHz frequency pairs (of which eighteen fall under RPC jurisdiction), the FCC suggested that there is a potential for multiple low power applications. They stated that, absent a compelling showing, a shared approach should be employed rather than making exclusive assignments for each specific application, since low power operations can co-exist, in relatively close proximity, on the same frequencies, with minimal potential for interference due to the FCC power and/or ERP restriction.

Although advantages exist in not making assignments, the reverse is also true. If, for example, firefighters operate on a specific channel or set of channels in one area, there is some logic in replicating that usage throughout the region for firefighter equipment. If there are no assignments, such a replication is unlikely. In seeking the middle ground, with positive attributes both for and against assignments, we adopt the following assignments

associated with the eighteen (18) low power channels for which the Region 53 RPC has responsibility:

- Generic – Base channel #'s 1-4 and 949-952 are designated as generic low power channels for licensing and use by all disciplines of public safety agencies operating in Region 53, and the complementary mobile channels #'s 961-964 and 1909-1912 are set aside as generic low power channels for licensing and use by all disciplines of public safety agencies operating in Region 53.
- Fire/ EMS – Base channel #'s 5-8 are designated as Fire/Emergency Medical low power channels for licensing and primary use by the Fire/Emergency Medical disciplines, and the complementary mobile channel #'s 965-968 are set aside as Fire/Emergency Medical low power channels also for licensing and primary use by the Fire/Emergency Medical disciplines.
- Law – Base channel #'s 953-956 are designated as Law Enforcement low power channels for licensing and primary use by the Law Enforcement discipline, and the complementary mobile channel #'s 1913-1916 are set aside as Law Enforcement low power channels also for licensing and primary use by the Law Enforcement discipline.
- Multidisciplinary Joint Public Safety Operations – Base channel #'s 957-958 are designated as Multidisciplinary Joint Public Safety Operations low power channels for licensing and the complementary mobile channel #'s 1917-1918 are also designated as Multidisciplinary Joint Public Safety Operations low power channels for use by political subdivisions and public safety agencies operating under a unified command at a common incident for the express mission of safety of life, property or environment.

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

The Region 53 RPC urges all 700 MHz users to have the capability to access all of the FCC approved low power and interoperability channels in both repeater and simplex modes. Under no circumstances may a user claim a low power channel as exclusively theirs. The 700 MHz interoperability channels are administered by the TSIEC.

3.5 “Orphaned Channels”

The Region 53 area has an allotted channel bandwidth of 25 KHz channels split to provide two 12.5 KHz channels. These channel allotments have been characterized as “technology neutral” and flexible enough to accommodate diverse technologies utilizing multiple bandwidths. If agencies choose a technology that requires less 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 county area.

An “orphan channel” may be used at another location and/or by another licensee within the county area where it was originally assigned, if it meets co-channel and adjacent channel interference criteria. Based on adjacent channel interference contour requirements and the potential for overlapping service areas, it is recognized that reuse of “orphan channels” within the same county boundary is not likely.

Based on the progression of technology, 12.5 KHz channel based P25 technologies are the primary trunking solution available to public safety agencies. With the implementation of these systems, it is expected that a large number of “orphan channels” will be created. To make more efficient use of spectrum and simplify the re-allocation of “orphan channels”, the Region has divided all 25 KHz channel assignments into consecutive 12.5 KHz “A” and “B” blocks. The “A” block is the lower of the two frequencies, and the “B” block is the higher of the two frequencies. The “A” block is prioritized for primary system assignments within the assigned geographic area, and the “B” block is prioritized for “orphan” assignments to be assigned outside of the CAPRAD assigned geographic area on a case by case basis at the discretion of the RPC.

When it is in the best interest of public safety communications and efficient spectrum use within the region, the RPC shall have the authority to move these “orphan channel” allotments, and/or co-channel or adjacent channel allotments affected by the movement of “orphan channels,” to other areas throughout the region, as deemed necessary, to maintain spectrum efficiency and/or minimize co-channel or adjacent channel interference.

With much of Region 53 adjacent to the Mexican Border, a substantial number of 700 MHz channels assigned within the CAPRAD database will be unavailable to affected applicants. The RPC recognizes the need to be flexible with out-of-pool assignments in order to meet the needs of all potential applicants within the region.

If, to accommodate an applicant’s request for channel assignments, it is necessary to move a full 25 KHz channel allotment, or a portion thereof, to a location outside of the county area in which it was originally allotted, the requesting entity will determine if the request meets interference protection guidelines consistent with the Region 53 700MHz Plan, and submit the results in the application package to the region. The Region will then evaluate the package and determine if the channel(s) should be moved to accommodate the request.

Request for channels outside of an applicant’s assigned general pool allocation must demonstrate that insufficient general pool channels exist to meet the applicant’s loading requirements based on the loading criteria established in Section 7.3.

Out-of-pool requests should first be prioritized for unassigned channels. Unassigned channels are those frequencies that are not allocated to any geographic boundary in those areas surrounding a proposed system. If no-out-of-pool channels are available or if all out-of-pool channels have been assigned for a potential applicant, the applicant may request access to “orphan channels” from other county allocations within the region. If insufficient “orphan channels” are available to meet an applicant’s request, then the applicant may request access to unused primary channels from neighboring county allocations. These requests will be handled with a high level of scrutiny by the RPC as the re-assignment of

primary pool channels has the potential to limit access to spectrum from potential applicants in the target county border.

Applicants are cautioned that due diligence must be made for all out-of-pool channel assignments. General pool assignments in the CAPRAD database have been pre-coordinated to limit co-channel and adjacent-channel interference. These criteria do not apply when a channel has been moved outside of its original county assignment. It is the responsibility of the applicant to identify and protect co-channel and adjacent-channel licensees and geographic CAPRAD allocations.

If the movement of a full or partial channel allotment is deemed in the best interest of the public safety community, frequency plan changes will be documented in the CAPRAD database. If the movement of the full or partial channel is relocated less than 10 miles outside the originally-allocated county boundaries, the frequency will remain under the originally assigned county area and the notes field will be adjusted to reflect the assignment of the frequency. If the movement of the full or partial channel is relocated more than 10 miles outside the originally-allocated county boundaries, the channel will be re-allocated to the new county area and the notes field will be adjusted to indicate the originally assigned county area.

Plan amendments to reflect updated out-of-pool channel assignments will be made when deemed appropriate by the RPC, but not more than two years following any out-of-pool frequency allocations.

As with in-pool channel assignments, out-of-pool applications for radio sites within proximity to neighboring 700 MHz regions are subject to approval from the Regional Planning Committees of those regions. Out-of-pool requests are subject to the interference criteria established within this plan, and must protect frequency allocations within each neighboring region.

3.6 Procedure for Requesting Channel Assignments

A diagram of the Region 53 - 700 MHz application process has been included in this plan as Appendix H.

Upon FCC approval of this plan, the chairman will announce the opening of an initial filing window for a 30 day period, and that specific channels have been allotted to each county area in the region. All available methods will be used to notify public safety entities of the filing window and channel availability in the region (see Section 2.2). Subsequent filing windows will be established at six (6) month intervals with each open for 30 days.

Following the close of the first filing window, thirteen (13) successive filing windows will occur at six month intervals. In addition to processing any applications received during the fourteenth filing windows, the Committee will also then make a decision on whether to add additional filing windows, or to allow the filing window approach to automatically sunset.

If no action is taken by the Committee to add additional filing windows, subsequent applications will be received and processed on a first-come, first served basis. Channel assignments will not be constrained to the allocations of this plan, but, instead, will be made opportunistically to allow for the best possible spectrum utilization while meeting the needs of active applicants. This could result in spectrum allotted to some county-like areas, but has sat fallow for seven years, being applied for and made productive by applicants who are making active use of the 700 MHz spectrum.

All requests for assignments of channels will be considered on a first come, first served basis. Multiple requests for the same channels arriving in the same filing window, and requests for more channels than are allotted to the applicant's area, will be processed in accordance with the priority matrix given in Section 4 of this plan. Region 53 supports the National Coordination Committee Pre-Assignment Rules and Recommendations listed in Appendix E, and will use these guidelines to determine if an application submitted to the RPC meets regional planning and interference protection standards. It is recommended that applicants familiarize themselves with these standards prior to submitting their applications. In general, and unless otherwise noted, the Region 53 RPC will adhere to the published National Coordination Committee Guidelines for 700 MHz Public Safety Regional Planning Committees.

When applying for new 700 MHz channels, the RPC expects applicants to work with neighboring agencies to promote and continue the establishment of interoperability within their communities, to allow for equitable distribution of the frequency allotments, and to promote efficient frequency use. The Region 53 RPC expects applicants to recognize that moving to the 700 MHz band may create a degree of isolation between themselves and neighboring agencies, and expects applicants to maintain or improve interoperability with their neighbors.

To request an assignment of channels from Region 53, a full application package must be submitted through the CAPRAD database at <http://caprad.org>. The application package must include:

1. FCC Form 601 (or its equivalent form as required by the FCC) with all appropriate schedules and attachments;
2. A description of the proposed system;
3. A justification for the additional spectrum;
4. A proposed system loading schedule;
5. A proposed system implementation schedule;
6. An interference prediction map using the current version of TIA/EIA TSB 88 guidelines;
7. Documents indicating agency-funding commitments sufficient to fund the development of the proposed system(s);
8. A list of all frequencies that will continue to be used by the applicant, and their specific uses;
9. A list of "give-back" channels, if applicable;

10. A list of all Region 53 entities with co-channel or adjacent channel assignments, and a statement indicating the date and manner by which each of these entities was notified of this application; and
11. A statement acknowledging the FCC's deadline of 12/31/2016 for operating at 6.25 KHz channel spacing, or its equivalent, as well as a signed commitment to meet the deadline and a high level plan of how the deadline will be met.

Exceptions in accepting applications will be made by the chairman if applicants have demonstrated a need for 700 MHz channels and cannot access the CAPRAD database.

The secretary will cause all then-current RPC members to be notified by e-mail that an application is available for review, and notice of the application will also be posted on the Region's web site and list server. Requests will be considered and approved, providing that harmful interference is not caused to existing users. The technical parameters defining the limits of any possible interference are given in section 7.1 of this plan. Service area and service contours should also meet the values designated in section 7.1 of this plan.

Absent a protest within 60 calendar days of the secretary's e-mail notification, the application will be approved, and (if applicable), upon receipt of a "giveback agreement" letter (see Section 3.3), the chairman or his delegate will submit it, through the CAPRAD database, to the applicant's preferred FCC certified frequency coordinator for processing. This process meets the requirements of FCC Rule 90.176 (c). The CAPRAD database will reflect the approved application and place the channels for the proposed system in "pre-license" status.

3.7 Mexico Border Issues

Region 53 shares a border with Mexico. Any proposed 700 MHz radio site and corresponding mobile service area within 110 km (75 miles) of the Mexican border is subject to the border sharing agreement between the United States and Mexico. The Counties of Val Verde, Kinney, Maverick, Webb, Zapata, Starr, Hidalgo, Cameron, Edwards, Real Uvalde, Zavala, Frio, Dimmit, La Salle, McMullen, Duval, Jim Hogg, Brooks, Kenedy, and Willacy are impacted by border spectrum agreements.

The border agreement defines specific criteria that applicants within the 110 km border region must adhere to. Spectrum within these areas is divided into U. S. primary and Mexico primary channels. Specific criteria for the licensing of U.S. primary and Mexico primary channels is provided in the border sharing agreement, which is included in Appendix J.

It is not the responsibility of the RPC to enforce the border sharing agreement. The committee will evaluate all applications based upon the criteria set forth within the 700 MHz plan. Enforcement of the border sharing agreement will be handled directly by the FCC. This evaluation will take place following the submission of 700 MHz application to the FCC from the frequency coordinator.

Applicants are strongly encouraged to thoroughly review the border sharing agreement. Radio systems should be designed to meet both the criteria of the Region 53 700 MHz Plan and the border sharing agreement to assure proposed systems can be licensed. The RPC is not responsible for applications which are returned or dismissed by the FCC because of technical parameters relating to the border sharing agreement. It is the responsibility of the applicant to provide all necessary showings to the FCC to demonstrate adherence to the border sharing agreement. Showings to demonstrate compliance with the border sharing agreement should be completed before applications are submitted to the RPC to avoid lengthy delays if frequencies selected by the applicant are ultimately not licensable because of conflicts with the border sharing agreement.

As of November 2011, the current border sharing agreement reflects the “old” 700 MHz band plan which includes 50 kHz wideband allocations. A new border sharing agreement is currently being developed between the United States and Mexico to reflect the current 700 MHz band plan.

The frequencies 769 to 771.5 MHz (and corresponding mobile 799 to 801.5 MHz) overlap the U.S. primary pool in both the old and new band plans. These channels may be assigned as U.S. primary spectrum consistent with the criteria established in the border sharing agreement immediately. Additional U.S. primary spectrum will be defined following the execution of an updated border sharing agreement.

Because 700 MHz assignments are restricted in border areas which occupy much of Region 53, the RPC recognizes the need to be flexible with frequency assignments so that the needs of all potential applicants can be met. Criteria established for the re-assignment of channels in frequency limited areas is provided in Section 3.5.

3.8 Assignment Disputes

An agency may protest a proposed system within 60 calendar days following the secretary’s e-mail notification. Protests will only be considered if the objecting agency or the chairman can show that harmful interference is likely based on the information submitted in the application.

If an agency with licensed, or pre-licensed/region assigned, co-channel or adjacent channel assignments objects to a proposed assignment due to concerns about potential interference, the objecting agency may request field tests be done to confirm or refute the interference potential. The completion of these field tests will be required for Region 53 application approval. Service and interference contours of the proposed system(s) should meet values designated in Section 7.1 of this document. Any costs associated with field tests or any other requirements for obtaining regional approval are the responsibility of the agency submitting the application to Region 53. The parties involved must resolve the assignment dispute and notify the chairman within 120 calendar days. If the parties involved cannot resolve the assignment dispute within that time frame, the dispute will be handled by the Dispute Resolution process described in section 2.4. If approved, the application will be submitted

through the CAPRAD database to the applicant's chosen FCC-certified frequency coordinator for processing.

Any application that has been modified in any way that would change the systems' coverage or interference contours must be resubmitted in the same manner as the original application, and new 60 day e-mail notifications will be made.

3.9 NPSPAC Channels

If a 700 MHz applicant has not yet fully exhausted its 821 MHz (806 MHz after Rebanding) allotments, the 700 MHz RPC should encourage the applicant, where technically appropriate, to fully utilize their 821 MHz allotments first. The purpose for this is to ensure maximum utilization of all allotted spectrum with similar technical characteristics.

4. Priority Matrix

In the event that several requests for narrowband channel assignments conflict and cannot all be accommodated, the following scoring matrix will be used to determine priority for assignment. 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 3.6.B will be used.

Priority is given to users fundamentally involved with the protection of life and property (15 points).

Disciplines Supporting Protection of Life and Property	Allotted Points	Point Tally
Law Enforcement	4	
Fire	4	
Emergency Medical Services (EMS)	4	
Public Works or Utilities	1	
Hospitals or Corrections	1	
Local Government or Emergency Management	1	
Total (Out of 15)		

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).

Multi-Agency Inter-Discipline Communications	Allotted Points	Point Tally
Number of Agencies (1 point per agency up to a max of 15)		

	1-15	
System Supports Police, Fire, and EMS	10	
System Supports Two Public Safety Disciplines (Police & Fire, Police & EMS, or Fire & EMS)	6	
System Supports One Public Safety Discipline with Gateway Connections to Other Disciplines	3	
Total (Out of 25)		

Priority is given to systems that achieve spectrum efficiency through high levels of channel loading (25 points).

System Loading	Allotted Points	Point Tally
250+ subscriber radios per channel	25	
200 – 250 subscriber radios per channel	20	
150 – 200 subscriber radios per channel	15	
100 – 150 subscriber radios per channel	10	
75 – 100 subscriber radios per channel	5	
Total (Out of 25)		

Documentation of proposed funding and proof of financial commitment, accompanied by a Request for Proposal outlining the design of the proposed system and detailing the development of the requested channels (25 points).

Project Commitment	Allotted Points	Point Tally
Applicant Under Contract with Vendor	25	
RFP Developed and Released	20	
RFP Currently Being Developed	15	
Proof of Financial Commitment Provided	10	
Total (Out of 25)		

The percentage of the applicant's existing frequencies that will be available for re-use, e.g. give-back frequencies (10 points) .

Frequency Give-backs	Allotted Points	Point Tally
85 – 100% of frequencies returned	10	
70 – 85 % of frequencies returned	8	
55 – 70 % of frequencies returned	6	
40 – 55 % of frequencies returned	4	
25 – 40 % of frequencies returned	2	
Total (Out of 10)		

In the case of a tie, priority is given to the first application filed within a filing window, as determined by the CAPRAD posting date, postmark, or their equivalent (2 points).

Tie-Breaker	Allotted Points	Point Tally
Scoring of Previous Categories do not Result in a Tie	0	
First Application Filed Within Filing Window	2	
Total (Out of 2)		

The total score for each application will be tallied based upon the sub-total from each of the above listed categories.

Application Total Score	Allotted Points	Point Tally
Disciplines Supporting Protection of Life and Property	0-15	
Multi-Agency Inter-Discipline Communications	0-25	
System Loading	0-25	
Project Commitment	0-25	
Frequency Give-backs	0-10	
Tie-Breaker	0-2	
Total (Out of 100 + 2)		

This scoring process will be performed by the Peer Review / Dispute Resolution Subcommittee (see section 2.4) using the above criteria.

5. Process for handling unformed adjacent Regions

All three of the regions adjacent to Region 53 have formed their 700 MHz and/or 800 MHz committees and have elected their chairmen. Therefore, there is no need for a process for handling unformed adjacent regions.

6. Coordination with Adjacent Regions

The Regions adjacent to Region 53 are:

- Region 49 – Central Texas, Austin area
- Region 50 – West Texas, El Paso area
- Region 51 – South east Texas, Houston area

Region 53 has coordinated channel allotments and received concurrence from all its bordering regions by providing copies of this plan (including channel allotments) to each adjacent region using the CAPRAD database and e-mail, and by mailing hard copies of the plan to all adjacent regions' chairmen.

Region 53's plan will also be available for viewing by all interested parties via the CAPRAD 700 MHz database. The CAPRAD pre-coordination database can be used to determine which channels are available that will not interfere with Region 53 allotments or systems. The CAPRAD database and its associated packing plan provide minimum channel allotments for all of Region 53's bordering regions. This method was recommended by the NCC Implementation Subcommittee as a way to assure that adjacent regions, which did not enter the regional planning process immediately, would not find all frequencies already allotted or assigned at their borders.

Therefore, adjacent Regions 49, 50, and 51, should all be able to satisfy voice and narrowband data requests along their border areas with Region 53. However, if an adjacent region has difficulties satisfying intra-regional requests due to channel allocation within Region 53, this committee pledges to work with that adjacent region to resolve any issues that might hinder interoperability or reduce any benefit to public safety communications.

7. System Design/Efficiency Requirements

7.1 Interference Protection

The channel allotments are based on the 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 service area and minimum levels in the service areas of other co-channel users. A jurisdiction's service contour is normally the geographical boundaries of the agency served (its service area) plus an area three to five miles beyond. The three to five mile buffer outside the service area is intended to permit agencies to design systems which provide in-building coverage levels at the edge of the service area.

Systems should be designed for minimum signal strength of 50 dBu in the system's service contour, while minimizing signal power out of that area. TIA/EIA TSB88-A (or latest version) will be used to determine harmful interference, assuming 50 dBu, or greater, signal in all systems' service contours. This will likely require patterned antennas and extra sites compared to a design that assumes noise limited coverage.

Region 53 adopts the Okumura Hata Davidson propagation model as the standard for calculating interference protection. This model was selected because it produces a closed contour which is more conducive for contour based interference calculations and because the model is accurately reproduced in most propagation software packages.

To maximize spectrum utilization, prudent engineering practices and receivers of the highest quality must be used in systems. Given a choice of radios in a given technology family, agencies should choose the units with the best specifications. This plan will not protect agencies from interference if their systems are under-constructed (i.e., portions of the desired service area have signal strength less than 40 dBu), or utilize low quality receivers.

Region 53 adopts the interference protection recommendations listed in Appendix K of the Regional Planning Committee Guidelines published by the National Coordination Committee (NCC), and included in this plan as Appendix E.

7.1.1 Propagation Model Calibration

To account for variations that may exist between different software packages, all applicants are required to demonstrate calibration of their respective Okumura Hata Davidson propagation models. The calibration test study has been provided in Appendix L.

Applicants must submit a test study which matches the calibration map provided in Appendix L. The parameters used to calculate the study are included within the appendix. Applicants may artificially adjust their respective software packages by adjusting the study confidence margin or other factors in order to more closely replicate the calibration study.

The test study provided by the applicant must either match the calibration study or have contours which extend beyond the test study. Any application which includes a test study with contours smaller than the calibration study will not be reviewed until the point that an updated test study and interference maps are provided.

Once the propagation model has been calibrated, applicants should re-use the propagation model settings in order to calculate the responsible radiation, co-channel interference, and adjacent-channel interference studies outlined in the following sections.

7.1.2 Responsible Radiation

Applications are required to demonstrate responsible radiation with proposed system designs in order to limit signal within five miles of the proposed service area. The study must demonstrate that the 50 dBu contour for all proposed locations lies entirely within an area extending five miles from the proposed service area.

Applicants may combine multiple radio sites onto a single responsible radiation study in order to limit the number of total maps. Maps provided must clearly depict the 50 dBu composite contour of all included radio sites, the requested service area, and the five mile boundary outside the requested service area. No point of the 50 dBu contour may extend beyond the five mile boundary.

A sample of an acceptable responsible radiation study has been included in Appendix L: Propagation Model Calibration Maps.

7.1.3 Co-Channel Interference

While the CAPRAD database has been designed to limit the potential for co-channel and adjacent-channel interference, responsible system designs are still necessary to assure interference does not occur between systems.

Applicants are required to demonstrate co-channel interference protection to both existing licensees and CAPRAD assignments.

To calculate interference from a proposed system to an existing licensed system, applicants are required to demonstrate that the 5 dBu contour of the proposed system does not overlap the 40 dBu protected service contour of the existing licensed system. In the event that an existing licensee's area of operation is smaller than the licensee's service contour, the applicant may instead demonstrate that the 5 dBu contour does not overlap the existing licensee's area of operation. Multiple interference contours may be combined onto a single map permitted that the maps clearly define the existing licensees, clearly define each of the frequencies in contention with each existing licensee, and clearly demonstrate that no overlap exists between the 5 dBu interference contour of the applicant and the 40 dBu service contours or area of operation of each existing licensee.

To calculate interference from a proposed system to a CAPRAD assignment, applicants must first identify all counties which have been assigned co-channel allocations for each frequency requested. This information may be obtained from the CAPRAD database. The interference map(s) must clearly depict the counties which have been assigned the same frequencies as those requested by the applicant. The applicant must demonstrate that the 5 dBu composite contour of all proposed radio sites does not overlap any county boundary which has been assigned a co-channel frequency. Radio sites and multiple frequencies may be combined onto a single composite map provided that the co-channel county boundaries for all requested channels are clearly depicted.

Sample co-channel interference maps have been provided in Appendix M: Sample Propagation Maps.

7.1.4 Adjacent-Channel Interference

While the CAPRAD database has been designed to limit the potential for co-channel and adjacent-channel interference, responsible system designs are still necessary to assure interference does not occur between systems. CAPRAD assignments used at radio sites within the originally assigned county border will typically not produce adjacent-channel

interference. Adjacent-channel interference is a greater concern when channels are used outside of the primary pool. This includes out-of-pool and orphan channels.

Applicants are required to demonstrate adjacent-channel interference protection to both existing licensees and CAPRAD assignments.

To calculate adjacent-channel interference from a proposed system to an existing licensed system, applicants are required to demonstrate that the 60 dBu composite contour of the proposed system does not overlap the 40 dBu protected service contour of the existing licensed system. In the event that an existing licensee's area of operation is smaller than the licensee's service contour, the applicant may instead demonstrate that the 60 dBu contour does not overlap the existing licensee's area of operation. Multiple interference contours may be combined onto a single map permitted that the maps clearly define the existing licensees, clearly define each of the frequencies in contention with each existing licensee, and clearly demonstrate that no overlap exists between the 60 dBu interference contour of the applicant and the 40 dBu service contours or area of operation of each existing licensee.

To calculate interference from a proposed system to a CAPRAD assignment, applicants must first identify all counties which have been assigned adjacent-channel allocations for each frequency requested. This information may be obtained from the CAPRAD database. The interference map(s) must clearly depict the counties which have been assigned frequencies 6.25 kHz or 12.5 kHz adjacent to those requested by the applicant. The applicant must demonstrate that the 60 dBu composite contour of all proposed radio sites does not overlap any county boundary which has been assigned an adjacent-channel frequency. Radio sites and multiple frequencies may be combined onto a single composite map provided that the adjacent-channel county boundaries for all requested channels are clearly depicted.

Sample adjacent-channel interference maps have been provided in Appendix M: Sample Propagation Maps.

7.2 Spectrum Efficiency Standards

It is the goal of the FCC for radio equipment to use one voice channel per 6.25 KHz of spectrum. Requests for channel assignments in Region 53 must include an acknowledgement of the 12/31/2016 deadline for converting all equipment to 6.25 KHz or 6.25 KHz equivalent technology. Where possible, narrowband 6.25 KHz channels may be aggregated for data use to a maximum bandwidth of 25 KHz. As 6.25 KHz migration continues, "orphaned" 6.25 KHz channels may be re-allotted to maintain consistent grouping and utilization of 25 KHz blocks (see Section 3.5).

Region 53 encourages small agencies to partner with other agencies in multi-agency or regional systems as they promote spectrum efficiency and both small and large agency capacity needs can be met. The FCC recommends "trunking" as the preferred technology for efficient frequency usage per 90.527(a)(6). Loading criteria can also be achieved in multi-

agency systems that will allow greater efficiency for all agencies involved than could be achieved individually.

7.3 System Loading Criteria

Efficient use of spectrum requires minimum channel loading standards both for trunked and conventional system architectures. Subscriber loading for conventional systems in the 700 MHz band will be approved on a case-by-case basis.

For the purposes of calculating system loading, a talk-path will be defined as a single 12.5 kHz frequency. The region acknowledges that TDMA technologies are available today which split single frequencies into multiple talk paths. Talk paths will be defined as a single 6.25 kHz frequency for all systems which will be implemented after the FCC 700 MHz narrowbanding deadline. The region reserves the right to re-evaluate loading based upon 6.25 kHz talk paths for past assignments following the 700 MHz narrowbanding deadline if it is determined that insufficient spectrum exists to meet the needs of all applicants.

FCC rules require that systems using 6 or more channels use trunking technology. However, trunking may be used for systems with fewer channels. The following table indicates the minimum subscriber loading criteria within the 5 year slow-growth period for trunked systems in the 700 MHz band:

Subscriber units	Talk Paths (or equivalent)	Subscriber units	Talk Paths (or equivalent)
50-100	2	300-350	7
100-150	3	350-400	8
150-200	4	400-450	9
200-250	5	450-500	10
250-300	6		

Additional channels may be assigned for larger trunked systems at the rate of one additional talk path per 75 subscriber units exceeding 500 units. Applicants requesting additional frequencies to expand an existing trunking system must show a grade of service less than 1 % or demonstrate the need for an expansion in coverage which will necessitate additional channels. Grade of service is defined as the percentage of time that a user on the system experiences a busy signal longer than one second.

Justification for adding frequencies or retaining existing frequencies may be provided by a traffic loading study instead of loading by the count of subscriber units per talk path. It will be the responsibility of the applicant to provide a verifiable study showing sufficient airtime usage from an existing system, Erlang calculations, or loading simulation to merit additional frequencies. Documentation of airtime usage, excluding telephone interconnect air time, during the peak busy hour on three consecutive days will be required to demonstrate system loading of an existing trunked system.

It is also recognized that systems or sites may be licensed in Region 53 which are part of larger regional radio systems which may be networked, or have their master control in another region, and which allow for subscriber roaming throughout multiple regions. Loading for these systems or sites may consider the effects of system wide roaming, and will be determined on a case-by-case basis.

Should a demand for frequencies exist in the region after the supply of assignable frequencies has been exhausted, any system having frequencies assigned under this plan for four years or longer that is not loaded to a least 70 % of subscriber loading may be required to surrender one or more frequencies for reassignment .

7.4 Expansion of Existing 800 MHz Systems

Licensees of existing 800 MHz systems that wish to expand by using 700 MHz frequencies must meet the requirements of the FCC and both this 700 MHz plan and the Region 53 - 800 MHz Public Safety Radio Communications Plan. If the two Region 53 plans are in conflict, the dispute resolution process outlined in Section 2.4 will be used on a case-by-case basis to determine which plan governs.

7.5 System Implementation

An agency may file a request with the RPC chairman for an extension of time to implement their system. The request should include all details describing why the system has not been implemented, and a new implementation schedule. The request will be processed in the same manner as an application for assignments (see Section 3.6.E), with any dispute handled according to Section 3.7. Extended implementation requests should align with “slow growth” requirements defined by the FCC. Requests for extended implementation may be considered up to a maximum period of 5 years.

8. Interoperability Channels

8.1 Introduction

The ability of agencies to effectively respond to mutual aid requests directly depends on their ability to communicate with each other. Texas is subject to a variety of natural disasters and includes facilities which may be susceptible to man-made disasters or weapons of mass destruction attacks . Mutual aid is required among agencies. This plan supports the communications necessary for effective mutual aid, including, but not limited to, the use of Project 25 Common Air Interface standards and accepted common channel names for interoperability channels.

The addition of new communications systems on the 700 MHz band may increase overall interoperability challenges rather than lessen them. While some new 700 MHz systems may completely replace all legacy systems in some areas, most will probably add to the mix of communications options available in an area.

Therefore, as new 700 MHz systems are planned and deployed, it will be extremely important for their operators to be well informed about other legacy systems in all other bands that are operating in their area, or in areas where they may be called upon to provide mutual aid assistance. Since it is unlikely that the time will come when all public safety communications systems operate in a single frequency band with a single technology, only good system planning and cooperation will enable reasonable levels of interoperability to be sustained.

The most common strategy that has been followed in the past, and that this plan anticipates will be followed in Region 53 700 MHz system deployments, is the concept of new systems incorporating appropriate interoperability into their plans and designs, rather than expecting the legacy systems to figure out how to operate with the new system. New 700 MHz systems not only need to meet the interoperability requirements for that band; they also need to provide mechanisms to interoperate with VHF, UHF, and other users to a level that is appropriate for their circumstances.

The State of Texas administers the 700 MHz interoperability channels via the Texas Statewide Interoperability Executive Committee (TSIEC) under National Coordination Committee's (NCC) guidelines. The TSIEC has published technical and operational standards for use of the interoperability channels, and it is anticipated that the TSIEC will continue to expand and update these standards as necessary. The Region 53 - 700 MHz RPC supports the Texas Statewide Interoperability Executive Committee. If at any time the TSIEC is unable to function in the role of administering the interoperability channels in the 700 MHz band, this committee will assume that role in Region 53, and notify the FCC in writing of the change in administrative duties.

8.2 Tactical Channels

Due to the immediate availability of 700 MHz public safety channels in most areas of South Texas, Region 53 will not set aside additional channels for interoperability within the region. It is anticipated that the sixty-four FCC designated interoperability channels (6.25 KHz) will be sufficient to provide voice and data interoperability in Region 53.

All mobile and portable units operating under this plan and utilizing 700 MHz channels must be programmed with the minimum number of channels required either by NCC guidelines or by the TSIEC, whichever number is greater, both in the repeater and direct mode. Channel displays will be in accordance with the state or national guidelines that have common alphanumeric nomenclature to avoid any misinterpretation of their identity.

8.3 Deployable Systems

Region 53 strongly supports use of deployable systems. 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 general use channels. This will minimize the expense of installing extensive fixed infrastructure in all areas while still providing mission critical functionalities. The committee 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 operated on any of the FCC designated and NCC/state/local 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 deployable systems that operate on the tactical channels designated by the FCC for this use. The TSIEC will develop the operational details for deploying these systems.

8.4 Monitoring of Calling Channels

700 MHz general use channel licensees in Region 53 will be responsible for monitoring interoperable calling channels in the manner prescribed by the TSIEC. Appendix D lists the 700 MHz Interoperability Channels (12.5 kHz) for mobile and portable configuration, the Temporary Calling Channel / Tactical Repeater Configuration, and Interoperability guidelines.

9. Future Planning

The provisions in this plan, including, but not limited to, annual meetings, annual review of channel allotments, procedures for modification of allotments, and procedures for modification of the plan itself, constitute the provisions for future planning in Region 53.

10. Certification of Open Meetings

A certification that all planning committee meetings were open to the public and a description of the Region 53 deliberations of the committee pursuant to adopting this plan can be found in Appendix K. The meeting agendas and minutes can be found in Appendix C. A list of public participants can be found in Appendix B, and Appendix C.

Region 53 700 MHz Plan

Appendix A - BYLAWS

ARTICLE 1 NAME & PURPOSE

1.1 The name of this committee shall be the Region 53, 700 MHz Regional Planning Committee. Its primary purpose is to foster cooperation between members, to develop a Regional Plan for use of the 700 MHz Public Safety band in the 47 county South Texas area, and to implement that plan. This committee is formed in accordance with 47 USC 90.257 and the procedures detailed in the Federal Communication's *First Report and Order and Third Notice of Proposed Rulemaking* (14 FCC Rcd 152), and the *Second Memorandum Opinion and Order* (15 FCC Rcd 16851).

ARTICLE II MEMBERS

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

A. Voting Members. Voting members shall consist of one representative from any agency engaged in public safety in the forty-seven (47) county South Texas area (the Counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, DeWitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kendall, Kenedy, Kerr, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala) that is eligible to hold a license under 47 CFR 90.523 or 47 CFR 2.103. No single agency shall be allowed more than one member for each distinct eligibility category (e.g. police, fire, EMS, emergency management, public safety communications) within the agency's organization or political jurisdiction. When voting on any issue, upon the specific request of any member, the voting members must identify themselves and the agency and eligibility category which they represent. Voting members may not vote on issues involving their entity.

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

2.2 Tenure. 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 by these bylaws, the members shall have such other powers and rights as the membership may determine from time to time.

2.4 Suspension and Removal. A member may be suspended or removed with cause by vote of a two-thirds majority of voting members present at an annual, special, or regular meeting, after reasonable

notice and an opportunity to be heard. Failure to attend 50% of meetings held in a calendar year, either in person or by proxy, shall be a specific cause for removal from the membership.

2.5 Resignation. A member may resign by delivering written resignation to any officer of the Regional Committee or to a meeting of the members.

2.6 Proxies. Voting members may vote either in person (teleconference participation accepted) or by written proxy dated not more than one month before the meeting named therein, which proxies shall be filed 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 any meeting. The proxy shall terminate after the final adjournment of such meeting.

ARTICLE III MEETINGS

3.1 Annual Meetings. An annual meeting of the members shall be held at San Antonio, Texas on the first Thursday of March of each year, or if that date is a legal holiday in the place where the meeting is to be held, then on the next succeeding business day that is not a legal holiday. If an annual meeting is not held as herein provided, a special meeting of the members may be held in place thereof with the same force and effect as the annual meeting, and, in such case, all references in these bylaws, except in this Section 3.1, to the annual meeting of the members shall be deemed to refer to such special meeting. Any such special meeting shall be called and notice shall be given as provided in Sections 3.2 and 3.4.

3.2 Special Meetings. Special meetings of the members may be held at any time and at any place within the regional area. Special meetings of the members may be called by the chairman, or in case of death, absence, or incapacity, by any other officer, or upon written application to the secretary of two or more members.

3.3 Quarterly Meetings. Quarterly meetings of the committee shall be held the first Thursday of June, September, and December of each year at a location to be determined by the Committee. It is the prerogative of the Chairman to cancel any regular quarterly meeting at which there is no business to be conducted.

3.4 Call and Notice.

A. Meetings. Reasonable notice of the time and place of annual, special, and regular meetings of the members shall be given to each member. Such notice must specify the purposes of the meeting.

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 fifteen (15) business days, or by e-mail/facsimile at least ten (10) business days before the meeting, addressed to such member at his or her usual or last known business address, or, to give notice to such member in person or by telephone at least ten (10) business days before the meeting.

3.5 Quorum. A quorum consists of members present, including teleconferencing members.

3.6 Action by Vote. Each voting member 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 cast by the voting members present shall decide any question, including election to any office, unless otherwise provided by law or by these bylaws.

3.7 Action by Writing. Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if a majority of the members who respond consent to the action in writing. 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.

ARTICLE IV OFFICERS AND AGENTS

4.1 Number and qualification. The officers of the Regional Committee shall be a chairman, vice-chairman, treasurer, secretary and such other officers, if any, as the voting members may determine.

4.2 Election. The officers shall be elected by the voting members at the convening meeting and, thereafter, every five years beginning at the annual meeting in 2017.

4.3 Tenure. The officers shall each hold office for a term of five years, or until their successor, if any, is chosen, or in each case until he or she sooner dies, resigns, is removed or becomes disqualified.

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

4.5 Vice-Chairman. The vice-chairman will temporarily assume the duties of the chairman if for any reason the chairman is absent from, or otherwise unable to serve, at any Committee meeting.

4.6 Treasurer. The treasurer shall be the chief financial officer and the chief accounting officer of the Regional Committee. The treasurer shall be in charge of its financial affairs, funds, and valuable papers and shall keep full and accurate records thereof. The office of Treasurer may be combined with the office of Secretary.

4.7 Secretary. The secretary shall record and maintain records of all proceedings of the members in a file or series of files kept for that purpose, which file or files shall be kept within the Region and shall be open at all reasonable times to the inspection of any member. Such file or files shall also contain records of all meetings and the original, or attested copies, of bylaws and names of all members and the address (including e-mail address, if available) of each. If the secretary is absent from any meeting of members, a temporary secretary chosen at the meeting shall exercise the duties of the secretary at the meeting. The office of Secretary may be combined with the office of Treasurer.

4.8 Suspension or Removal. An officer may be suspended with cause by vote of two-thirds majority of the voting members present.

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

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

ARTICLE V AMENDMENTS

These bylaws may be altered, amended or repealed in whole or in part. The voting members present may by a two-thirds vote, alter, amend, or repeal any bylaws adopted by the Regional Committee members or otherwise adopt, alter, amend or repeal any action taken by the voting members.

ARTICLE VI DISSOLUTION

If for any reason this Regional Committee is dissolved as approved by the FCC any assets remaining shall be distributed to one or more regularly organized and qualified charitable, educational, scientific or philanthropic organization(s) selected by those members in attendance at this special called meeting. The FCC shall be notified.

ARTICLE VII RULES OF PROCEDURES

The Conduct of Regional Meetings including, without limitation, debate and voting, shall be governed by Robert's Rules of Order, newly revised 2000 edition, tenth edition, Henry M. Robert III, William J. Evans, Daniel H. Honeman, and Thomas J. Balch.

Appendix B

Region 53 San Antonio, South Texas Membership List

This membership list is sorted by the Councils of Government (e.g. AACOG) which make-up the Region 53 RPC area. Appendix B also includes a State and Federal participant list, and a Public participant list. The lists show all individuals that participated in the development of the Region 53 Plan by attending a meeting and/or via WebEx, plus non-active individuals such as County Sheriffs, and others requesting membership.

The Region 53 RPC is always open to new members. The membership list will be revised as new members are identified.

Alamo Area Council of Governments (AACOG) Membership List

County	LastName	FirstName	Title	Agency	Address	City	Zip	Email	Voting Member
AACOG	Quinn	Michael	Public Safety Dir. Homeland Security - 911	AACOG	8700 Tesoro, Ste. 600	San Antonio	TX 78217	mquinn@aacog.com	Y
AACOG	Ruiz	Mary	Mgr	AACOG	8701 Tesoro, Ste. 600	San Antonio	TX 78217	mrui@aacog.com	Y
AACOG	Cohen	Adrienne	HLS Coord.	AACOG	8702 Tesoro, Ste. 600	San Antonio	TX 78218	arcohen@aacog.com	Y
AACOG	Johnson-Valiente	Donna	HLS Data Tech	AACOG	8702 Tesoro, Ste. 600	San Antonio	TX 78217	djohnson@aacog.com	Y
Atascosa	Williams	Tommy	Sheriff	Sherriff's Office	1108 Campbell Ave. 3360 State Highway	Jourdanton	TX 78026	acso3434@aol.com	Y
Bandera	Reed	Carey	EMC		173 N	Bandera	TX 78003	banderaeoc@indian-creek.net	Y
Bandera	Richard	Smith, Sr.	Chief Deputy	Sherriff's Office	P.O.Box 607	Bandera	TX 78003-0607		Y
Bexar	Essman	Shon	Communications Services	CPS Energy	326 W. Jones	San Antonio	TX 78215	sessman@CPSenergy.com	Y
Bexar	Serna	Angel	Communications Supvr Public Safety	CPS Energy	327 W. Jones 203 W. Nueva, Ste	San Antonio	TX 78216	aserna@CPSenergy.com	Y
Bexar	Adelman	Robert	Communications Mgr	Bexar Co. S O	3.09	San Antonio	TX 78207	radelman@bexar.org	Y
Bexar	Ortiz	Amadeo	Sheriff	Sherriff's Office	200 N. Comal St.	San Antonio	TX 78207-350	sheriffao@bexar.org	Y
Bexar	Dean	Jeffrey	Assist. EMC	San Antonio OEM	Po Box 839966	San Antonio	TX 78283	jeffrey.dean@sanantonio.gov	Y
Bexar	Morales	Richard	IT Mgr, Radio Svcs Chief Investigator, Comms	San Antonio ITSD	Po Box 839966	San Antonio	TX 78283	richard.morales@sanantonio.gov	Y
Bexar	Lopez	Chris	Mgr.	Co. Fire Marshal	622 Dolorosa 402 S. Seguin,	San Antonio	TX 78207	clopez@bexar.org	Y
Bexar	Niemietz	Terri	Communications Supvr	Converse PD	P.O.Box 36	Converse	TX 78109	dispatch@conversetx.net	Y
Bexar	Rhener	Rex	Asst. Chief	Converse PD		Converse		asstchief@conversetx.net rayc2@hotmail.com	Y
Bexar	Christian	Raymond	Assist. FC	Converse FD	107 Station Street	Converse	TX 78109	asstchief@sabx.rr.com	Y
Bexar	Walker	Derrick	Radio System Mgr	Dept. Live Oak Police	8022 Shin Oak Drive	Live Oak	TX 78233-241	dwalker@liveoaktx.net	Y
Bexar	Echols	Ron	Chief	Dept.	8022 Shin Oak	Live Oak	TX 78233-241	rechols@liveoaktx.net	Y
Bexar	Zuniga	Albert	Capt.	Selma Police Dept.	9375 Corporate Dr.	Selma	TX 78154	azuniga@ci.selma.tx.us	Y
Bexar	Braun	Rick	EMC	Selma	9375 Corporate Dr.	Selma	TX 78154	rbraun@ci.selma.tx.us	Y

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Region 53 San Antonio, South Texas
Membership List

Bexar	Rutkowski	Ronnie	Coms Mgr	Schertz Police Dept.	1400 Schertz Pkwy	Schertz	TX 78155	rrutkowski@schertz.com	Y
Bexar	Cindy	Cantu	Comms Supvr	U.T.S.A. Police Dept.	One UTSA Circle 2160 Universal City	San Antonio	TX 78249	ccantu@utsa.edu	Y
Bexar	Wallace	Ross	EMC	Universal City	Blvd	Universal City	TX 78148	firechief@universalitytexas.com	Y
Bexar	Vaughn	Jeff	FC	Universal City	2150 Universal City 2150 Universal City	Universal City	TX 78148	firechief@universalitytexas.com	Y
Bexar	Elder	Wendy	Communications Supvr	Universal City PD	Blvd	Universal City	78148	welder@ucpdtx.org	Y
Bexar	Fletcher	Larry	Patrolman	Judson ISD PD	202 School	Converse	TX	lgf-1/23@hotmail.com	Y
Bexar	Martinez	Isace	Patrolman	Judson ISD PD	202 School	Converse	TX	lmartinez@judsonisd.org	Y
COMAL	Edgett	Carol	EMC	Comal County Comal County	150 N. Sequin 3005 W San Antonio	New Braunfels	TX 78130	cctcie@co.comal.tx.us	Y
Comal	Holder	Bob	Sheriff	S.O.	St 3005 W San Antonio	New Braunfels	TX 78130	soajrh@co.comal.tx.us	Y
Comal	Miller	James	Comm. Sgt.	Comal County SO	St	New Braunfels	TX 78130	soajrm@co.comal.tx.us	Y
Comal	Wrenn	Derek	Assist. Fire Chief	New Braunfels FD Spring Branch	424 S. Castell	New Braunfels	TX 78130	dwrenn@nbtexas.org	Y
Comal	Beaudoin	Dustin	Chief	VFD	P.O. Box 601	Spring Branch	TX 78070	dbeaudoin@sbfirerescue.com	Y
Frio	Reyna	Jerry	Sgt	Frio County SO	502 Cedar St	Pearsall	TX 78061	Jerry.reyna@friosherriff.org	Y
Gillespie	Mills	Buddy	Sheriff	Sherriff's Office Gillespie County	1601 E. Main St.	Fredericksburg	TX 78624	bmills@gillespiecounty.org	Y
Gillespie	Judd	Jim	Gillespie SO	SO	1601 E Main	Fredericksburg	TX 78624	jjudd@gillespiecounty.org	Y
Guadalupe	Kinsey	Dan	EMC		311 Donegan	Seguin	TX 78155	dkinsey@co.guadalupe.tx.us	Y
Guadalupe	Outlaw	Glen		Schertz FD	1400 Schertz Pkwy	Schertz	TX 78154	goutlaw@schertz.com	Y
Guadalupe	Zwicke	Arnold	Sheriff	Sherriff's Office	2617 N. Guadalupe St	Seguin	TX 78155	tmeely@co.guadalupe.tx.us	Y
Guadalupe	Cox	Gary	Chief	Cibolo PD	P.O.Box 820	Cibolo	TX 78108	gcox@cibolotx.gov	Y
Karnes	Jalufka	David	Sheriff	Sherriff's Office	113 N. Panna Maria	Karnes City	TX 830-780-3	davidjalufka@sbcglobal.net	Y
KENDALL	Fincke	Jeffrey	EMC, Cty Fire Marshall	Kendall Couty	1175 N. Main	Boerne	TX 78006	jeff276@gvtc.com	Y
Kendall	Duncan	Roger	Sheriff	Kendall County S. O.	840 E.Adler	Boerne	TX 78006	roger.duncan@kendallcountysheriff.com	Y
Kerr	Hierholzer	Rusty	Sheriff	Sherriff's Office	400 Clearwater Paseo	Kerrville	TX 78028	sheriff@co.kerr.tx.us	Y
Kerr	Wendling	Jeff	Captain	Kerrville PD	429 Sidney Baker	Kerrville	TX 78208	Jeffrey.Wendling@kerrvilletx.gov	Y
Kerr	Barton	Clay	Chief Deputy	Kerr County SO	400 Clearwater Paseo	Kerrville	TX 78028	cbarton@co.kerr.tx.us	Y
Medina	Brown	Randy	Sheriff	Medina County S.O.	801 Ave Y	Hondo	TX 78861	sheriff@medinacountytexas.org	Y
Wilson	Hosek	LeAnn	EMC	Wilson Co.	800 Tenth St., Bldg B	Floresville	TX 78114	leannema@felpsis.net	Y

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Region 53 San Antonio, South Texas
Membership List

Wilson	Tackitt	Joe	Sheriff	Sherriff's Office	800 Tenth	Floresville	TX 78114		Y
Wilson	Baker	Edwin	EMC	Stockdale	PO Box 659	Stockdale	TX 78160	chiefsfd4100@gmail.com	Y

Coastal Bend Council of (CBCOG) Governments Membership List

County	Last Name	First Name	Title	Agency	Mail Address	Bs. City	Zip	Email	Voting Member
Refugio	Bolcik	Robert	Sheriff	RCSO	P. O. Box 1022	Refugio	TX 78377-102	rabolcik@awesomenet.net	Y
San Patricio	Burnett	Steve	Fire Marshal	Ingleside VFD	2910 Leopard	Corpus Christi	TX 78469	stephen@cbcoqem.org	Y
Live Oak	Busby	Larry	Sheriff	LOCSO	200 Larry R Busby Dr.	George West	TX 78022	county.sheriff@co.live-oak.tx.us	Y
San Patricio	Bynum	Stan	Chief/EMC	Ingleside PD	2425 Eighth ST	Ingleside	TX 78362	sbynum@inglesidetx.gov	Y
Bee	Carrizales	Carlos	Sheriff	BCSO	1511 E. Toledo St.	Beeville	TX 78102	beecoso201@yahoo.com	Y
Live Oak	Chapline	Gene	EMC	County	PO Box 70	George West	TX 78022	k5yfl@yahoo.com	Y
Brooks	Deleon	Diana	PSAP Manager	BCSO	801 CR 201 2406 Leopard, Ste	Falfurrias	TX 78355	dianadeleon@brooks-county.com	Y
Nueces	Garza	Patrick		CCFD	300	Corpus Christi	TX 78408		Y
Nueces	Gonzales	Ricardo	Chief/EMC	Robstown FD	516 E Avenue B	Robstown	TX 78380	rfd@cityofrobstown.com	Y
Nueces	Hale	Danielle	EMC	Nueces County	901 Leopard, Ste 303	Corpus Christi	TX 78401	danielle.hale@co.nueces.tx.us	Y
Nueces	Kaelin	Jim	Sheriff	NCSO	P.O.Box 1940	Crps Christi	TX 78403-194	jim.kaelin@co.nueces.tx.us	Y
Jim Wells	Lopez	Oscar	Sheriff	JWCSO	P.O.Box 1286 2406 Leopard, Ste	Alice	TX 78333-128	oscarlopez200@sbcglobal.net	Y
Nueces	Martinez	David	Capt.	CCFD	300	Corpus Christi	TX 78408	dmartinez@cctexas.com	Y
Kleberg	Mata	Ed	Sheriff	KCSO	P.O.Box 1360	Kingsville	TX 78363-136	edmatasr@yahoo.com	Y
Aransas	Mills	Bill	Sheriff	Sheriff's Office	301 N. Live Oak St.	Rockport	TX 78382	sheriff@aransascounty.org	Y
San Patricio	Moody	Leroy	Sherif	SPCSO	P. O. Box 1382	Sinton	TX 78387-138	sps600@hotmail.com	Y
Nueces	Nattinger	Don	Radio Systems Coord.	Corpus Christi PD	322 John Satain St	Corpus Christi	TX 78402	dnatt@cctexas.com	Y
Duval	Ramirez	Romeo	Sheriff	DCSO	P.O.Box 547	San Diego	TX 78384-054	romeo.ramirez@co.duval.tx.us	Y
Brooks	Rodriguez	Rey	Sheriff	BCSO Corpus Christi Police,	P.O.Box 558	Falfurrias	TX 78355-055	reyrodriguez@brooks-county.com	Y
Nueces	Saenz	Jesse	Radio System Mgr.	Communications	321 John Satain St	Corpus Christi	TX 78401	jsaenz@cctexas.com	Y
Kenedy	Salinas	Ramon	Sheriff	KCSO	P. O. Box 10	Sarita	TX 78385-001	rsalinas@kenedycountysheriff.org	Y
CBCOG	Thomas	Robert "RJ"	HS Coord.	CBCOG	P.O.Box 9909	Corpus Christi	TX 78469	rj@cbcoqem.org	Y
McMullen	Thomas	Bruce	Sheriff	MCSO	P. O. Box 242	Tilden	TX 78072-0242		Y
Nueces	Wilson	Jimmy		Robstown PD	430 East Main	Robstown	TX 78300	jwilson@robstown-pd.us	Y

Golden Crescent Regional Planning Council (GCRPC) Membership List

Voting

Appendix B

Region 53 San Antonio, South Texas
Membership List

County	Last Name	First Name	Title	Agency	Address	City	State	Zip	Email	Member
Victoria	Belt	Michael		Victoria FD		Victoria	TX	77901	mbelt@victoriatx.org	Y
Calhoun	Browning	B.B.	Sheriff	Calhoun Co SO	211 S Ann	Port Lavaca	TX	77979	bb.browning@calhouncotx.org	Y
Goliad	Brumby	Kirby	Sheriff	Goliad Co SO	701 E. End St.	Gonzales	TX	77963	kbrumby@goliadcountytexas.gov	Y
Lavaca	Buchanek	Mike		Lavaca County SO	P. O. Box 373	Hallettsville	TX	77964	buchanek@yahoo.com	Y
Jackson	Chase	Loyd	Fire Marshall	Fire/EMS	126 W Main	Edna	TX	77957	lchase@cityofedna.com	Y
Victoria	Craig	Jeff (J.J.)		Victoria PD		Victoria	TX	77901	jicraig@victoriatx.org	Y
Goliad	Fonseca	Peggy	EMS Director	Goliad Co EMS	P.O. Box 938	Goliad	TX	77963	pfonseca@goliadcountytexas.gov	Y
Lavaca	Harmon	Micah	Sheriff	Lavaca County SO	P.O. Box 373	Hallettsville	TX	77964	mharmon@co.lavaca.tx.us	Y
Jackson	Louderback	Andy	Sheriff	Jackson Co SO	115 W Main St	Edna	TX	77957	a.louderback@co.jackson.tx.us	Y
GCRPC	Lytle	Melody	Planning Coord.	GCRPC	120 S. Main Suite 210	Victoria	TX	77901	melodyl@gcrpc.org	Y
Goliad	Morales	Alonzo	Fire Chief	Goliad	245 S. Chilton Ave	Gonzales	TX	77963	chiefmorales301@awesomenet.net	Y
Victoria	O'Connor	T. Michael	Sheriff	Victoria Co SO	101 N Glass	Victoria	TX	77901	toconnor@vctx.org	Y
Gonzales	Sachtleben	Glen	Sheriff	Gonzales Co. SO	Dr.	Gonzales	TX	78629	gcsosheriff@stx.rr.com	Y
Victoria	Simons	Daniel	Sgt	Victoria CO SO	101 N. Glass	Victoria	TX	77901	dsimons@vctx.org	Y
Victoria	Turner	Jesse	Captain	Victoria Police Dept	P.O. Box 2086	Victoria	TX	77902	jturner1@victoriatx.org	Y
Victoria	Voskamp	Carl	EMS Program Dir.	Victoria College	2200 East Red River	Victoria	TX	77901	carl.voskamp@victoriacollege.edu	Y
Dewitt	Zavesky	Jode	Sheriff	Dewitt Co SO	208 E. Live Oak St.	Cuero	TX	77954	jode.zavesky@co.dewitt.tx.us	Y

Lower Rio Grande Valley Development Council (LRGVDC) Membership List

County	Last Name	First Name	Title	Agency	Bs. Street	Bs. City	State	Zip	Email	Voting Member
Hidalgo	Ashley	Randy	City Services	McAllen City Services	P. O. Box 220	McAllen	TX	78505	rashley@mcallen.net	Y
Cameron	Connie	Manley	ED Director	Valley Regional Medical Center	100 A. Alton Gloor	Brownsville	TX	78526	connie.manley@hcahealthcare.com	Y
Hidalgo	Guzman	Jaime	Fire Chief	Pharr Fire Valley Regional	118 S. Cage, 3rd FL	Pharr	Tx	78577	jaime.guzman@pharrfd.net	Y
Cameron	Hager	James	Security Mgr	Medical Center	101 A. Alton Gloor	Brownsville	TX		james.hager@hchealthcare.com	Y
Hidalgo	Lopez	Rene		Mission F.D.	1201 E. 8th Street	Mission	TX	78572		Y
Hidalgo	Ozuna	Richard		Hidalgo County SO	710 East Cibolo Road	Edinburg	TX		richard.ozuna@hidalgo.org	Y
Hidalgo	Perez	Ubaldo	Asst. EMC	Edinburg, City of	212 W. McIntyre St.	Edinburg	TX	78541	bperez@cityofedinburg.com	Y

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Region 53 San Antonio, South Texas
Membership List

Cameron	Quiroga	Javier	EMS T/O	Brownsville FD	625 E. 12th St.	Brownsville	TX	78520	tioq@cob.us	Y
Cameron	Reyes	Emily		Harlingen	1705 Vermont Ave	Harlingen	TX	78550	emily.reyes@stec-ems.org	Y
Willacy	Spence	Larry	Sheriff	Willacy County SO	1371 Industrial Drive	Paymondville	TX	78580	larry.spence@co.willacy.tx.us	Y
Hidalgo	Trevino	Lupe	Sheriff	Hidalgo County SO	710 East Cibolo Road	Edinburg	TX	78539	sheriff.trevino@hidalgo.net	Y
Hidalgo	Ybarra	Nidia	Comms. Supvr	Alton PD	205 West Main	Alton	TX		nidia.ybarra@alton-tx.gov	Y
Cameron	Lucio	Omar	Sheriff	Cameron County S. O.	7100 Old Alice Rd.	Olmito	TX	78575	olucio@co.cameron.tx.us	Y

Middle Rio Grande Development Council (MRGDC) Membership List

County	Last Name	First Name	Title	Agency	Address	City	State	Zip	Email	Voting Member
MRGDC	Anderson	Forrest	HS Dir	MRGDC	216 West Main St.	Uvalde	TX	78801	forrest.anderson@mrqdc.org ; FSNA@SBCglobal.net	Y
Kinney	Burgess	L.K."Buddy"	Sheriff	Sheriff's Office	P.O.Box 1200	Brackettville	TX	78832-120	kinneyso@sbcglobal.net	Y
MRGDC	Condry	William	Telecommunications Coord.	MRGDC	216 West Main St.	Uvalde	TX	78801	spade.condry@mrqdc.org	Y
MRGDC	Cranfill	Smokey	HLS/CJ Planner	MRGDC	307 W. Nopal	Carrizo Springs	TX	78834	charles.cranfill@mrqdc.org	Y
Maverick	Flores	Rick	Lead Officer	EPISD		Eagle Pass			rflores@eaglepassisd.net	Y
Tribal	Garcia	Ramiro	Chief of Police	Kickapoo Tribal Police Department	HCR 1 Box 9700	Eagle Pass	TX	78852		Y
Dimmit	Gonzales	Joel	Sheriff	Sheriff's Office	P.O.Box 885	Carrizo Springs	TX	78834-088	ppd743@yahoo.com	Y
Maverick	Guedea	Alejandro	Seargent	Eagle Pass Police Dept.	110 S. Monroe Rt 3, Box 1033, Hwy	Eagle Pass	TX	78852	jando403@yahoo.com	Y
Maverick	Herrera	Tomas	Sheriff	Sheriff's Office	57	Eagle Pass	TX	78852	sheriffherrera@maverickcounty.org	Y
Edwards	Letsinger	Don	Sheriff	Sheriff's Office	P.O.Box 156	Rocksprings	TX	78880-015	edwards_51@swtexas.net	Y
Val Verde	Martinez	Frank	sheriff	Val Verde Sheriff's Office	P. O. Box 1201	Del Rio	TX	78841-120	dguzman@valverdesheriff.com	Y
Uvalde	Mendeke	Charles	Sheriff	Sheriff's Office	121 E. Nopal St.	Uvalde	TX	78801	charlie@uvaldecountry.com	Y
Zavala	Salinas	Eusevio	Sheriff	Sheriff's Office	200 Blk E. Uvalde St.	Crystal City	TX	78839	salinas780@yahoo.com	Y
Val Verde	VanHoot	Kevin	Comm. Lt.	Val Verde SO	P.O.Box 1201	Del Rio	TX	78841-120	khoozier@valverdesheriff.com	Y

South Texas Development Council (STDC) Membership List

County	Last Name	First Name	Title	Agency	Address	City	St	Zip	Email	Voting Member
Jim Hogg	Alarcon	Erasmus	Sheriff	Sheriff's Office	211 E Galbraith	Hebbronville	TX	78361	sheriff@co.jim-hogg.tx	Y
Webb	Cuellar	Martin	Sheriff	Sheriff's Office	902 Victoria Street	Laredo	TX	78040	martinecuellar@webbcountytx.gov	Y
Starr	Fuentes	Rene	Sheriff	Sheriff's Office Zapata County Sheriff's	100 E 6th Street	Rio Grande City	TX	78582	rfuentes0122@yahoo.com	Y
Zapata	Gonzalez	Sigifredo	Sheriff	Department	2311 Stop 23A	Town of Zapata	TX	78076	sheriff@sheriff.co.zapata.tx.us sigigonzalez@sbcglobal.net	Y
STDC	Keiser	John	Reg. Program Mgr.	STDC	P.O.Box 2187	Laredo	TX	78043	jrkeiser@stdc.cog.tx.us	Y

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Region 53 San Antonio, South Texas
Membership List

Webb	Pruneda	Juan	Radio Communications Mgr.	City of Laredo Webb County Sheriff's Department	1101 Garden Street	Laredo	TX	78040	jpruneda@ci.laredo.tx.us	Y
Webb	Zamarripa	Andres	Deputy		902 Victoria Street	Laredo	TX	78040	azamarripa@webbcountytx.gov	Y

State and Federal Agency Membership List

	Last Name	First Name	Title	Agency	Address	City	State	Zip	Email	Voting Member
State	Ashby-Fisher	Brandi	RLO	Texas DPS	Island Dr.	Corpus Christi	TX	78416	brandi.ashby-fisher@dps.texas.gov	Y
State	Barney	Mike	Technical Services Mgr	TxDPS	5807 N. Lamar-Bldg G	Austin	TX	78752	mike.barney@dps.texas.gov	Y
State	Boxwell	Steve	CAM	TxDPS	Bicentennial	McAllen	TX	78501	steve.boxwell@dps.texas.gov	Y
State	Brown	Larry	Sr. Teleco Acct. Coord.	LCRA	3505 Montopolis Drive	Austin	TX	78744	larry.brown@lcra.org	Y
State	Capers	Elaine	CAM	TxDPS	1803 South General McMullen Drive	San Antonio	TX	78223	elaine.capers@dps.texas.gov	Y
State	Carey	April	Project Specialist	TxDPS	5807 N. Lamar-Bldg G	Austin	TX	78752	april.carey@dps.texas.gov	Y
State	Castro	Charlotte	CAM	TxDPS	5807 N. Lamar-Bldg G	Austin	TX	78752	charlotte.castro@dps.texas.gov	Y
State	Cavazos	Tommy	Comunications Supvr	TxDPS	1630 North 77 Sunshine Strip	Harlingen	TX	78550	thomas.cavazos@dps.texas.gov	Y
State	Early	Todd	Dep.Assist.Dir; SWIC	TxDPS	5806 N. Lamar-Bldg G	Austin	TX	78752	todd.early@txdps.state.tx.us	Y
State	Ervin	Jason	Ops Mgr. Telecom	LCRA	3505 Montopolis Drive	Austin	TX	78744	jason.ervin@LCRA.org	Y
Region 51	Frankhouser	Doug	Chairman	Region 50 RPC	4500 Will Clayton Parkway	Houston	TX	77032	doug.frankhouser@houstontx.gov	Y
State	Galvan	Francisco	CAM	TxDPS	2525 N. International Blvd	Weslaco	TX	78596	francisco.galvan@dps.texas.gov	Y
State	Jackson	Kellie	CAM	TxDPS	1414 North Bicentennial	McAllen	TX	78501	kellie.jackson@dps.texas.gov	Y
State	Jarrett	Joe	Frequency Coord.	TxDPS	5806 N. Lamar-Bldg G	Austin	TX	78752	joe.jarrett@dps.texas.gov	Y
State	Kidd	Nim	Assist. Dir.	TDEM	5807 N. Lamar	Austin	TX	78752	nim.kidd@txdps.state.tx.us	Y
State	Kimball	Ashley	Specialist	TxDPS		Austin	TX		ashley.kimbell@sra.com	Y
State	Pena	Tony	State Coord-Region 3	TDEM/DPS	1414 North Bicentennial	McAllen	TX	78501	tony.pena@dps.texas.gov	Y
State	Peters	Joe	State Legislative Liaison	TxDPS	Sam Houston Bldg.	Austin	TX		joe.peters@dps.texas.gov	Y
State	Ramirez, Jr.	Rene Raul	CAM	TxDPS	1414 North Bicentennial	McAllen	TX	78501	rene.ramirez@dps.texas.gov	Y
State	Rodriguez	Laura	CAM	TxDPS	Bicentennial	McAllen	TX	78501	laura.rodriquez@dps.texas.gov	Y
State	Sutherland	Carol	Strategic Communications Planning	TxDPS	6810 Apaloosa Way	San Antonio	TX	78256	carol.sutherland@dps.texas.gov	Y

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Region 53 San Antonio, South Texas
Membership List

Tribal	Wilson	Frances	Police Officer	Kickapoo Lucky Eagle Casino PD	HCR 1 Box 9700	Eagle Pass	TX	78852	frawj.sk406@hotmail.com	Y
Public Participants Membership List										
	Last Name	First Name	Title	Agency	Address	City	State	ZIP	Email	Voting Member
	Cassard	Clay	Sr. Acct. Mgr	Motorola Tri-County	6500 River Place Blvd Bldg 7 MDRP1A	Austin	TX	78730 78596-	clay.cassard@motorolasolutions.com	N
	Champion	David	Sales ENP, Sr. Public Safety	Communications	1421 East Pike Blvd 17177 Preston Rd Ste	Weslaco	TX	5015		N
	Cole	Elizabeth	Consultant	L.R.Kimball	300 552 Silicon Dr. Ste	Dallas	TX	75248	elizabeth.cole@lrkimball.com	N
	Counterterman	Sharon	Deliver Mgr. Texas M.S.E.E.Telecommunication	L.R.Kimball	100 328 Innovation Blvd.	Southlake	TX	76092	sharon.counterterman@lrkimball.com	N
	Falgiatore	Nicholas	s Specialist	L.R.Kimball	Ste 222 6500 River Place Blvd	State College	FL	16803	nicholas.falgiatore@lrkimball.com	N
	Martin	Ron	Sr. Acct. Mgr	Motorola	Bldg 7 MDRP1A	Austin	TX	78730	ron.martin@motorola.com	N
	Martinez	Edward	Sales - Coastal Bend	Dailey-Wells	3441 E. Houston St. 17177 Preston Rd.	San Antonio	TX	78219	emartinez@dwcomm.com	N
	Powell	Sherri		L.R.Kimball	#300	Dallas	TX	75248		N
	Rinehart	Bette	Regulatory Affairs Mgr	Motorola	28 Twin Lakes Dr 17177 Preston Rd.	Gettysburg	PA	17325	c18923@motorola.com	N
	Shinpaugh	James		L.R.Kimball	#300 8903 Rocky Knoll	Dallas	TX	75248	james.shinpaugh@lrkimball.com steve.smithers@motorolasolutions.com	N
	Smithers	Steve	Acct. Mgr.	Motorola	Lane	Richmond	TX	77469	m	N
	Solis	Anna	Major Accts. Rep. Mgr. Government Affairs-	Dailey-Wells	3440 E. Houston St. 221 Jefferson Ridge	San Antonio	TX	78219	anna@DWComm.com	N
	Speidel	Robert	Regulatory Policy	Harris	Parkway	Lynchburg	VA	24505-200	robert.speidel@harris.com	N

Region 53 700 MHz Plan

Appendix C

Region 53 Meeting Notices, Mailing Lists, Publications Verifications, Agendas, & Minutes

Chronological List of Region 53 San Antonio (South Texas) 700MHz Regional Planning Committee and Subcommittee Meetings

1. August 11, 2011 - Initial/Convening meeting
2. September 8, 2011- ByLaws Subcommittee meeting
3. September 29, 2011 – Regional Planning Committee meeting
4. November 3, 2011 – Regional Planning Committee meeting
5. January 12, 2012 – Regional Planning Committee meeting
6. March 1, 2012 – Regional Planning Committee meeting

Appendix C1: First Meeting Notifications and Agenda

Appendix C2: Notices of Region 53 Planning Meetings

Appendix C3: Meeting Agendas

Appendix C4: Meeting Minutes

Appendix C5: Master Contact Mailing List

Region 53 700 MHz Plan

Appendix C1 – First Meeting Notifications and Agenda

The following documentation provided notification of the Region 53 Initial 700MHz Planning Meeting, agenda and other information.

- Letter to FCC
- Emailed Announcement to Master Contact List (600 emails)
- Letter Announcement to Master Contact List (U.S.Mail)
- Agenda
- FCC Public Notice
- Email Request for newspaper public notice in each Council of Governments (COG) area (6)
- Email Request to post notification on Texas APCO website
- Reminder Email Request for Public Notice via newspaper
- Email Request to post notification on each COG website (6)



CITY OF SAN ANTONIO

P. O. BOX 839966
SAN ANTONIO TEXAS 78283-3966

May 13, 2011

Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW,
Room TW-A325
Washington, DC 20554

Ms. Dortch:

Please accept this letter as notification that Region 53, South Texas, is convening the initial RPC meeting at 1:30 on August 11, 2011, at the Holiday Inn Express, 6502 Padre Island Blvd. South Padre Island, TX. A conference bridge is not available for this meeting.

I, Richard Morales, will be convener until the chairperson is elected. Carol Sutherland will be the Secretary until one is appointed.

Attached are the following documents:

- Region 53 1st RPC Meeting Announcement
- Region 53 1st RPC Meeting Invitation Letter
- Region 53 1st RPC Meeting Agenda (tentative)

Thank you in advance for posting the Public Notice.



Richard Morales, Jr., Convener
Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
richard.morales@sannantonio.gov

cc: Jeannie.benfaida@fcc.gov
carolsutherland@txdps.state.tx.us

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]

Sent: Friday, May 27, 2011 4:35 PM

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Cc: richard.morales@sanantonio.gov; carolsutherland@satx.rr.com

Subject: Save-the-Date: 700 MHz Region 53 Initial Planning Committee Meeting

Subject: Region 53 (South Texas) 700 MHz Public Safety Planning Committee

First Meeting Announcement

The Region 53 (South Texas) 700 MHz Public Safety Planning Committee announces that its first meeting will be held at 1:30 p.m. on August 11, 2011, at the Holiday Inn Express, 6502 Padre Island Blvd. South Padre Island, TX.

The purpose of the meeting is to:

1. Organize the committee,
2. Select a chairman and other officers, and
3. Establish subcommittees to plan for the future use of radio frequencies in the 700 MHz band.

The Region 53 - 700 MHz Public Safety Planning Committee meeting is open to all public safety agencies. All eligible public safety providers in the South Texas area, including the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, DeWitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kendall, Kenedy, Kerr, Kinney, Kleburg, LaSalle, Lavaca, Live Oak, Maverick,

McMullen, Medina, Nueces, Real Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala, may utilize these frequencies.

It is essential that participants be representatives of all eligible public safety providers in order to ensure that your agencies' 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 should plan to attend. For further information, please contact:

Richard Morales, Jr., Convener
Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
[richard.morales@san](mailto:richard.morales@sanantonio.gov) Antonio.gov

Dear Public Safety Official,

In 1997 Congress directed the Federal Communications Commission (FCC) to reallocate 24 MHz of spectrum at 700 MHz for public safety use. Since then the FCC has adopted technical standards and established rules that allow for the most efficient and flexible use of this spectrum, both now and into the future.

As part of the regulatory process, the Commission has decided to establish Regional Planning Committees (RPCs) to enable local determination of frequency allotments, user priorities, and interference criteria based on local terrain. (These RPCs are similar to, but separate and distinct from the committees that currently exist for the 821 MHz NPSPAC frequencies.)

This new 700 MHz band holds many opportunities for public safety communications. Each region can allot up to

- 1,232 voice and low-speed data channels,
- 96 wideband channels (suitable for high-speed data, images, and other future technologies), and
- 32 low-power channels.

164 channels have also been reserved to allow for an unprecedented amount of interoperability between public safety agencies at all levels of government.

The first meeting of the Regional Planning Committee for the 47 county South Texas area will be held at 1:30 pm on August 11, 2011, at the Holiday Inn Express, 6502 Padre Island Blvd. South Padre Island, TX. The committee is responsible for developing a plan that considers and, to the degree possible, meets the spectrum requirements of all eligible entities within the region.

As the Convener of this first meeting, I invite you and all other eligible entities to participate in the planning process. Meeting your agency's present and future spectrum needs can best be ensured by your participation.

A copy of the formal meeting announcement is enclosed. Please share this information with any neighboring agencies who might not have received this mailing, and feel free to contact me if you have any questions.

Respectfully,

Richard Morales, Jr.,
Region 53 – 700 MHz RPC Convener
Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
richard.morales@sanantonio.gov

Region 53 – 700 MHz Public Safety Planning Committee 1st Meeting Agenda – August 11, 2011

Introductions	Richard Morales, Convener
Appoint Temporary Secretary	“
Purpose of Meeting: 700 MHz -Discussion on the use and basis of meeting -Development of the use of 700 MHz radio spectrum (while possible) -No funding allocations associated with this planning endeavor -FCC has allocated spectrum geographically by county; no permanent allocations have been made in this region -Selection of Chair’s and Committees	“
Nominations for Chair and Vice Chair	Robert Adelman, 800 MHz RPC Chair
Elections	“
Appointment of Secretary, Treasurer	New 700 MHz Chairperson
Identify Standing Committees and Appointment of Chairs (suggestions) -Bylaws -Technical/Software/Interoperability -Peer Review / Dispute Resolution	“
Set review and adoption of Bylaws	“
Development of Draft Plan -Review of spectrum allocations	“
Region 53 web-site (suggestions)	“
Establish Future Meetings and Locations - Maverick County - Corpus Christi - San Antonio	Secretary
Adjourn	New 700 MHz Chairperson

Region 53 – 800 MHz Public Safety Planning Committee Meeting Agenda

Discussion on Updating the Region 53 – 800 MHz Plan	Robert Adelman- Region 53 800MHz Chair
Adjourn	“

PUBLIC NOTICE

Federal Communications Commission

445 12th St., S.W.

Washington, D.C. 20554

DA 11-1004

June 6, 2011

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES

REGION 53 (TEXAS-SAN ANTONIO) 700 MHZ REGIONAL PLANNING COMMITTEE

INITIAL MEETING

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Regional Planning Committee (RPC) Convener announces that the initial meeting of the Region 53 700 MHz Public Safety RPC will be held on Thursday, August 11, 2011 at 1:30 p.m., at the Holiday Inn Express, 6502 Padre Island Boulevard, South Padre Island, Texas. The purpose of the meeting is to organize the committee, select a Chairman and other officers, and establish subcommittees to plan for the future use of radio frequencies in the 700 MHz band.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible 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, 47 C.F.R. § 90.523, 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 53 should plan to attend. For further information, please contact:

Richard Morales, Jr., Convener

Region 53 700 MHz RPC

Information Technology Manager, Radio Services Communications Division (ITSD)

City of San Antonio, Texas, (210) 207-7022, Richard.morales@sanantonio.gov

-FCC-

¹ The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

News media information (202) 418-0500

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From: Donna Johnson-Valiente [mailto:DJohnson@aacog.com]

Sent: Thursday, June 09, 2011 12:00 PM

To: mark@cbcogem.org; Stephen@cbcogem.org; rj@cbcogem.org; melody@gcrpc.org; mcruz@lrgvdc.org; cmwood@lrgvdc.org; fsna@sbcglobal.net; jkeiser@stdc.cog.tx.us; lauravela@stdc.cog.tx.us; Dean Danos; john@cbcog98.org; jbrannan@gcrpc.org; knjones@lrgvdc.org; leodoro.martinez@mrgdc.org; agarzajr@stdc.cog.tx.us

Cc: carolsutherland@satx.rr.com; HLS

Subject: Region 53 Public Notice

Hi everyone,

Attached is the Public Notice that each COG will need to post between July 10 and July 17, 2011, for the Region 53 700 MHz Public Safety Regional Planning Committee (RPC) meeting. This is the first of several meetings. The purpose of this meeting is to organize the committee, select a Chairman and other officers, and establish subcommittees to plan for the future use of radio frequencies in the 700 MHz band. Please note that any expenses incurred will be the responsibility of each COG as there are no available funds for the Region 53 RPC.

The meeting will be held August 11, 2011 at 1:30 pm at the Holiday Inn Express, 6502 Padre Island Blvd., South Padre Island, Texas. Please book your hotel room if you plan to attend. There is a block of rooms available for "Region 53". Government rates will apply to these rooms through August 14, 2011.

For further information, contact Richard Morales, Jr., at Richard.morales@sanantonio.gov, or AACOG Homeland Security at hls@aacog.com.

Respectfully,

Donna Johnson

Alamo Area Council of Governments

HLS Data Technician

210-832-5082

Fax 210-822-6217

djohnson@aacog.com

From: Sutherland, Carol [mailto:Carol.Sutherland@txdps.state.tx.us]
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To: csauter@txapco.org
Cc: richard.morales@sanantonio.gov; Jurrens, Karla; carolsutherland@satx.rr.com
Subject: FCC Public Notice: Region 53 - 1st Meeting of 700 MHz Regional Planning Committee

Cyndi Sauter, RPL
Texas APCO Board President
Deer Park Police Department
281-930-2110

Cyndi,
Attached is the FCC Public Notice of the Region 53 - 700 MHz Regional Planning Committee 1st Meeting, to be held at 1:30 pm on August 11, 2011, at the Holiday Inn Express, 6502 Padre Island Blvd. South Padre Island, TX.

Can you please post this notice on the Texas APCO web site and send me confirmation of the posting? The meeting convener is:

Richard Morales, Jr.
IT Manager, Radio Services
Information Technology Services Dept (ITSD)
Work: 210-207-7022
City of San Antonio

If you have any questions, please contact Richard or myself.

Thank you so much for your assistance,

Carol Sutherland
Strategic Communications Planning
210-844-8969

From: Donna Johnson-Valiente

Sent: Tuesday, July 26, 2011 9:20 AM

To: 'mark@cbcogem.org'; 'Stephen@cbcogem.org'; 'rj@cbcogem.org'; 'melodyl@gcrpc.org'; 'mcruz@lrgvdc.org'; 'cmwood@lrgvdc.org'; 'fsna@sbcglobal.net'; 'jrkeiser@stdc.cog.tx.us'; 'lauravela@stdc.cog.tx.us'; Dean Danos; 'john@cbcog98.org'; 'jbrannan@gcrpc.org'; 'knjones@lrgvdc.org'; 'leodoro.martinez@mrgdc.org'; 'agarzajr@stdc.cog.tx.us'

Cc: HLS

Subject: REMINDER: Region 53 Notice for papers

Region 53 COG Planners,

This is a reminder that the Public Notice for the upcoming Region 53 August 11th meeting in South Padre Island should be published this week. I am sending a copy of the Notice so you guys don't have to search for it. Please remember that there are no available funds for this (mandatory) Notice. Please let me know if you have any questions.

Thank you.

Donna Johnson-Valiente

Alamo Area Council of Governments

HLS Data Technician

210-832-5082

Fax 210-822-6217

djohnson@aacog.com

From: Sutherland, Carol [mailto:Carol.Sutherland@dps.texas.gov]
Sent: Thursday, July 28, 2011 12:20 PM
To: mquinn@aacog.com; melodyl@gcrpc.org; mcruz@lrgvdc.org; lauravela@stdc.cog.tx.us;
forrest.anderson@mrgdc.org; rj@cbcogem.org
Cc: richard.morales@sanantonio.gov; carolsutherland@satx.rr.com
Subject: FW: FCC Public Notice: Region 53 - 1st Meeting of 700 MHz Regional Planning Committee
Importance: High

To:
Mike Quinn, AACOG
Melody Lytle, GCRPC
Manuel Cruz, LRGVDC
R. J. Thomas, CBCOG
Laura Vela, STDC
Forrest Anderson, MRGDC

All -

Attached is the FCC Public Notice of the Region 53 - 700 MHz Regional Planning Committee 1st Meeting, to be held at 1:30 pm on August 11, 2011, at the Holiday Inn Express, 6502 Padre Island Blvd. South Padre Island, TX.

Can you please post this notice on your individual COG web sites and send me confirmation of the posting? The meeting convener is:

Richard Morales, Jr.
IT Manager, Radio Services
Information Technology Services Dept (ITSD)
Work: 210-207-7022
City of San Antonio

If you have any questions, please contact Richard or myself.

Thank you so much for your assistance,

Carol Sutherland
Strategic Communications Planning
210-844-8969

Region 53 700 MHz Plan

Appendix C2 –Notices of Region 53 Planning Meetings

Appendix C2 contains copies of notices and invitations for Region 53 meetings.

- FCC PN of August 11, 2011 meeting @ South Padre Island, TX (Initial Meeting)
- FCC PN of September 29, 2011 meeting @ Eagle Pass, TX
- FCC PN of November 3, 2011 meeting in Corpus Christi, TX and December 8, 2011 meeting in San Antonio (December 8 meeting was cancelled)
- FCC PN of January 12, 2012 meeting in Victoria, TX
- FCC PN of March 1, 2012 meeting in San Antonio, TX
- Email Request to Council of Governments and Texas APCO to place September 29, 2011 meeting notice on website
- Save-the-date email for September 29, 2011 meeting emailed to Master Contact List on September 2, 2011
- Meeting invitation for September 29, 2011 meeting emailed to Master Contact List on September 13, 2011
- Reminder registration for September 29, 2011 meeting emailed to Master Contact List on September 21, 2011
- Save-the-date email for November 3, 2011 meeting emailed to Master Contact List on September 30, 2011
- Email Request to Council of Governments, Texas Department of Public Safety, Texas APCO, adjacent regions, and AASHTO to place November 3, 2011 meeting notice on website, sent October 1, 2011; and confirmations
- Meeting invitation for November 3, 2011 meeting emailed to Master Contact List on October 25, 2011
- Meeting invitation for January 12, 2012 meeting emailed to Master Contact List on December 14, 2011
- Email Request to Council of Governments, Texas Department of Public Safety, Texas APCO, and adjacent regions to place January 12, 2012 meeting notice on website, sent December 15, 2011
- NIIX.org notification of January 12, 2012 meeting emailed on January 4, 2012
- Reminder meeting notice for January 12, 2012 meeting emailed to Master Contact List on January 5, 2012
- Save-the-date email for March 1, 2012 meeting emailed to Master Contact List on January 23, 2012
- Meeting invitation for March 1, 2012 meeting emailed to Master Contact List on February 7, 2012
- Email Request to Council of Governments, Texas Department of Public Safety, Texas APCO, Texas Fire Chiefs Associations, Texas Police Chiefs Association, and adjacent regions to place FCC PN of March 1, 2012 meeting on website, sent February 7, 2012



PUBLIC NOTICE

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

News media information (202) 418-0500
TTY (202) 418-2555
Internet: <http://www.fcc.gov>

DA 11-1004

June 6, 2011

**PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES
REGION 53 (TEXAS-SAN ANTONIO) 700 MHZ REGIONAL PLANNING COMMITTEE
INITIAL MEETING**

The Region 53 (Texas-San Antonio)¹ 700 MHz Public Safety Regional Planning Committee (RPC) Convener announces that the initial meeting of the Region 53 700 MHz Public Safety RPC will be held on Thursday, August 11, 2011 at 1:30 p.m., at the Holiday Inn Express, 6502 Padre Island Boulevard, South Padre Island, Texas. The purpose of the meeting is to organize the committee, select a Chairman and other officers, and establish subcommittees to plan for the future use of radio frequencies in the 700 MHz band.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible 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, 47 C.F.R. § 90.523, 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 53 should plan to attend. For further information, please contact:

Richard Morales, Jr., Convener
Region 53 700 MHz RPC
Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
(210) 207-7022
Richard.morales@sanantonio.gov

-FCC-

¹ The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.



PUBLIC NOTICE

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

News media Information: 202 / 418-0500
TTY: 202 / 418-2555
Internet: <http://www.fcc.gov>

DA 11-1556

September 15, 2011

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES REGION 53 (TEXAS-SAN ANTONIO) 700 MHZ PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD MEETING

The Region 53 (Texas-San Antonio)¹ 700 MHz Public Safety Regional Planning Committee (RPC) will hold their next meeting on Thursday, September 29, 2011, beginning at 1:30 p.m., at the Middle Rio Grande Eagle Pass Workforce Center, 1200 Ferry Street, Eagle Pass, Texas 78852.

The agenda for the 700 MHz meeting includes:

1. Call to order and welcome to Eagle Pass and conference bridge attendees
2. County and teleconference roll-call
3. Review and approve agenda
4. Review and approve August 11, 2011 Meeting Minutes
5. Bylaws Subcommittee Report, Chair Carol Edgett (Comal County)
6. Review and discussion of the proposed Bylaws as the permanent Region 53 Bylaws.
7. Discussion of Region 53 Plan (appendices, plan review, and adjacent region coordination process), Carol Sutherland, RPC Secretary.
 - a. Subcommittee review and recommendations
 - b. Full committee review and recommendations
8. Demonstration of the NIXX database and Region 53 site capabilities, Don McFarland
9. Old business
10. New business
11. Next meetings scheduled:
 - a. Thursday, November 3, 2011 – Corpus Christi
 - b. Thursday, December 8, 2011 – San Antonio
12. Meeting adjourned.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible 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, 47 C.F.R. § 90.523, 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.

¹ The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.



PUBLIC NOTICE

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

News media information (202) 418-0500
TTY (202) 418-2555
Internet: <http://www.fcc.gov>

DA 11-1693

October 7, 2011

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES REGION 53 (TEXAS-SAN ANTONIO) 700 MHZ PUBLIC SAFETY REGIONAL PLANNING COMMITTEE TO HOLD MEETINGS IN NOVEMBER AND DECEMBER 2011

The Region 53 (Texas-San Antonio)¹ Public Safety Regional Planning Committees (RPCs) will hold two planning meetings.

- **Thursday, November 3, 2011**, the 700 MHz Public Safety RPC will convene beginning at 1:30 p.m. at the Coastal Bend Council of Governments, 2910 Leopard Street, Corpus Christi, Texas. A block of hotel rooms have been reserved under "Region 53" and are available at \$88 per night, the Omni Bayfront Hotel 900 N. Shoreline Drive, telephone (361) 880-6738, and the Omni Marina Hotel at 707 N. Shoreline Drive, (361) 887-1600. To obtain the negotiated rate reservations should be made no later than Friday, October 28th.
- **Thursday, December 8, 2011**, the 700 MHz Public Safety RPC will convene beginning at 1:30 p.m. at the Alamo Area Council of Governments, 8700 Tesoro, San Antonio, Texas. A block of hotel rooms have been reserved under "Region 53" and are available at \$88 per night at the Crowne Plaza Hotel, 1111 NE Loop 410, San Antonio, Texas (877) 207-1412.

The preliminary agenda for both meetings include:

- Call to order and welcome to all present and conference bridge attendees
- County roll call and teleconference self-introductions
- Approval of agenda
- Review and approve previous meeting minutes
- Review and discussion of Subcommittee recommendations
- Status Report on the draft Region 53 Plan
- Old Business
- New Business
- Opportunity for public comment
- Adjourn

If you are unable to attend the meetings, you may participate via the conference bridge WebEx. Additional information on this and future meetings, WebEx instructions, and planning documents are available on the NPSTC NIIX website at www.niix.org under "Your Communities" go to "Texas Region

¹ The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.



PUBLIC NOTICE

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

News media information (202) 418-0500
TTY (202) 418-2555
Internet: <http://www.fcc.gov>

DA 11-2047

December 21, 2011

**PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES
REGION 53 (TEXAS-SAN ANTONIO) PUBLIC SAFETY REGIONAL PLANNING
COMMITTEE TO HOLD 700 MHZ MEETING**

The Region 53 (Texas-San Antonio)¹ Public Safety Regional Planning Committee (RPC) will hold a meeting on Thursday, January 12, 2012, beginning at 1:30 p.m., hosted by the Golden Crescent Regional Planning Commission, Victoria College, Allied Health Building (Room AH101), 2200 E. Red River, Victoria, Texas. Lodging is available with a “state rate” at the LaQuinta for \$80 per night, telephone (631) 572-3585, or the Candlewood Suites (631) 578-0236 at \$85 per night.

The agenda for this meeting includes:

- Call to order
- County roll call and conference bridge introductions
- Review and approval of agenda
- Review and approve previous meeting minutes
- Review, discussion and approve the draft Region 53 Plan and Appendices
- Old business
- New business
- Opportunity for public comments
- Schedule next meeting
- Adjourn

If you are unable to attend the meeting, you may participate via the conference bridge WebEx. Additional information on this and future meetings, WebEx instructions, and planning documents are available on the NPSTC NIIX website at www.niix.org under “[Your Communities](#)” go to “[Texas Region 53 700 Planning Committee](#).” The WebEx instructions for this meeting, minutes from the previous meeting, City of Victoria map and a campus map can be found in the General Information or Meeting Minutes folders.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal 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.

¹ The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.



PUBLIC NOTICE

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

News media information (202) 418-0500
TTY (202) 418-2555
Internet: <http://www.fcc.gov>

DA 12-126

February 2, 2012

**PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ANNOUNCES
REGION 53 (TEXAS-SAN ANTONIO) PUBLIC SAFETY REGIONAL PLANNING
COMMITTEE TO HOLD 700 MHZ MEETING**

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Regional Planning Committee (RPC) will hold its next meeting on March 1, 2012, beginning at 1:30 p.m., at Alamo Area Council of Governments, 8700 Tesoro, San Antonio, Texas. Lodging is available at the Crowne Plaza Hotel, 111 NE Loop 410, San Antonio, Texas, telephone (877) 207-1412, for \$85 per night under block "Region 53."

Agenda for the Region 53 700 MHz RPC meeting includes:

- 1) Welcome to San Antonio and the Alamo Area Council of Governments
 - a) Update on DPS organization, activities and new State Legislative Liaison
- 2) Call to order, County roll-call and teleconference self-introductions (provide name and telephone number)
- 3) Approval of agenda
- 4) Review and approve previous Meeting Minutes
- 5) Discussion and final review of Plan and Appendices
 - a) Acceptance and/or concerns received from adjacent regions
 - i) Region 49 (Texas-Austin)
 - ii) Region 50 (Texas-El Paso)
 - iii) Region 51 (Texas-Houston)
 - b) Review concerns received from Region 53 members.
- 6) Final approval of the Region 53 Plan and Appendices for submission to the Federal Communications Commission (FCC). The finalized version will include the March 1 meeting agenda, minutes, and updated Appendix B - Membership List, Appendix C5 - Master Contact List. All participants who have attended any meeting (or via WebEx) will be added to the Region 53 Membership List, Appendix B.
- 7) Old Business:
 - a) Please register at www.NIIX.org for future Region 53 notifications. The Region 53 contact list on NIIX will be used for meeting notifications and other Region 53 business. If you know of individuals that should be added to this list, send such information to carol.sutherland@dps.texas.gov.
 - b) Plan submittal timeline: Anticipated final approval of Plan and Appendices on March 1, 2012, with plan package to be transmitted to the FCC for review and approval, and posting on CAPRAD by March 12, 2012.

1 The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Donna Johnson-Valiente [mailto:DJohnson@aacog.com]
Sent: Thursday, June 09, 2011 12:00 PM
To: mark@cbcogem.org; Stephen@cbcogem.org; rj@cbcogem.org; melody@gcrpc.org; mcruz@lrgvdc.org; cmwood@lrgvdc.org; fsna@sbcglobal.net; jkeiser@stdc.cog.tx.us; lauravela@stdc.cog.tx.us; Dean Danos; john@cbcog98.org; jbrannan@gcrpc.org; knjones@lrgvdc.org; leodoro.martinez@mrgdc.org; agarzajr@stdc.cog.tx.us
Cc: carolsutherland@satx.rr.com; HLS
Subject: Region 53 Public Notice

Hi everyone,

Attached is the Public Notice that each COG will need to post between July 10 and July 17, 2011, for the Region 53 700 MHz Public Safety Regional Planning Committee (RPC) meeting. This is the first of several meetings. The purpose of this meeting is to organize the committee, select a Chairman and other officers, and establish subcommittees to plan for the future use of radio frequencies in the 700 MHz band. Please note that any expenses incurred will be the responsibility of each COG as there are no available funds for the Region 53 RPC.

The meeting will be held August 11, 2011 at 1:30 pm at the Holiday Inn Express, 6502 Padre Island Blvd., South Padre Island, Texas. Please book your hotel room if you plan to attend. There is a block of rooms available for "Region 53". Government rates will apply to these rooms through August 14, 2011.

For further information, contact Richard Morales, Jr., at Richard.morales@sanantonio.gov, or AACOG Homeland Security at hls@aacog.com.

Respectfully,

Donna Johnson
Alamo Area Council of Governments
HLS Data Technician
210-832-5082
Fax 210-822-6217
djohnson@aacog.com

From: Sutherland, Carol [mailto:Carol.Sutherland@txdps.state.tx.us]
Sent: Tuesday, June 21, 2011 1:42 PM
To: csauter@txapco.org
Cc: richard.morales@sanantonio.gov; Jurrens, Karla; carolsutherland@satx.rr.com
Subject: FCC Public Notice: Region 53 - 1st Meeting of 700 MHz Regional Planning Committee

Cyndi Sauter, RPL
Texas APCO Board President
Deer Park Police Department
281-930-2110

Cyndi,
Attached is the FCC Public Notice of the Region 53 - 700 MHz Regional Planning Committee 1st Meeting, to be held at 1:30 pm on August 11, 2011, at the Holiday Inn Express, 6502 Padre Island Blvd. South Padre Island, TX.

Can you please post this notice on the Texas APCO web site and send me confirmation of the posting? The meeting convener is:

Richard Morales, Jr.
IT Manager, Radio Services
Information Technology Services Dept (ITSD)
Work: 210-207-7022
City of San Antonio

If you have any questions, please contact Richard or myself.

Thank you so much for your assistance,

Carol Sutherland
Strategic Communications Planning
210-844-8969

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]
Sent: Thursday, September 01, 2011 1:48 PM
To: Region 53 700MHz RPC Master Contact List
Cc: 'Richard Morales (ITSD)'; 'dwalker@liveoaktx.net'; 'carol.sutherland@dps.texas.gov'
Subject: Save-the-Date: Sept. 29, 700 MHz Region 53 Planning Committee Meeting

To: Region 53 Master Contact List
Subject: Save-the-Date: Sept. 29, 700 MHz Region 53 Planning Committee Meeting

Public Safety Public Meeting Announcement

As part of the public safety regulatory process, the Federal Communications Commission established 700 MHz Regional Planning Committees (RPCs) to enable local determination of frequency allotments, user priorities, and interference criteria based on local terrain.

This new 700 MHz band holds many opportunities for public safety communications. Each region can allot up to:

- 1,232 voice and low-speed data channels,
- 96 wideband channels (suitable for high-speed data, images, and other future technologies), and
- 32 low-power channels.

164 channels have also been reserved to allow for an unprecedented amount of interoperability between public safety agencies at all levels of government.

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Planning Committee announces an open meeting to be held Thursday, September 29, 2011, at the Middle Rio Grande Eagle Pass Workforce Center, 1200 Ferry Street, Eagle Pass, TX 78852.

The preliminary agenda for this meeting includes the following items:

1. Open meeting, welcome to Eagle Pass attendees and teleconference attendees.
2. County and teleconference roll-call.
3. Review and approve agenda.
4. Review and approve minutes of the August 11, 2011 meeting.
5. Bylaws Subcommittee report – Chair: Carol Edgett, Comal Co.
6. Discussion and possible action on adopting the Bylaws as the permanent Region 53 Bylaws.
7. Discussion of Region 53 Plan, Appendixes, and review process – Carol Sutherland, Secretary.
 - a. Subcommittee review and recommendations.
 - b. Full committee review and recommendations.
8. Demonstration of the NIXX – Region 53 site capabilities – Don McFarland.
9. Old business.
10. New business.
11. Next meetings scheduled:
 - c. Thursday, November 3, 2011 – Corpus Christi
 - d. Thursday, December 8, 2011 – San Antonio
12. Meeting adjourned.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible 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, 47 C.F.R. § 90.523, 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 53 should plan to attend.

Rooms at government rates are being held under "Region 53" for Thursday, September 29, 2011 at 2 hotels:

- **Holiday Inn @ \$85 per night** The Holiday Inn Express & Suites, 830-757-3050 or (877) 859-5095, 2007 Veteran's Blvd., Eagle Pass TX 78852. (Add an additional \$10 per night for an additional person in a room).
- **Hampton Inn @ \$ 82 per night** Hampton Inn, 830-757-5565, 3301 E. Main, Eagle Pass TX 78852L.

The state rate will be honored for Friday night for those wanting to stay. Rooms in block "Region 53" will be held until September 22nd. The closest airport is in Del Rio about 45 minutes away—Continental Airlines.

For further information, please contact:

Richard Morales, Jr., Chairman, Region 53 700 MHz RPC
Information Technology Manager, Radio Services
Communications Division (ITSD)
City of San Antonio, Texas, (210) 207-7022
Richard.morales@sanantonio.gov

Note: Region 53 (Texas-San Antonio) consists of the following counties: Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, DeWitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kendall, Kenedy, Kerr, Kinney, Kleburg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]

Sent: Tuesday, September 13, 2011 5:40 PM

To: Region 53 700MHz RPC Master Contact List

Cc: 'Richard Morales (ITSD)'; 'dwalker@liveoaktx.net'; 'Carol.Sutherland@dps.texas.gov'

Subject: Region 53 Sept. 29, 2011 Meeting Invitation from the 700 MHz Planning Committee

Importance: High

Dear Public Safety Official,

The Region 53 700 MHz Regional Planning Committee for 47 counties in South Texas will hold a meeting at 1:30 pm on September 29, 2011, at the Middle Rio Grande Eagle Pass Workforce Center, 1200 Ferry Street, Eagle Pass, TX 78852. The committee is responsible for developing a plan that considers and, to the degree possible, meets the spectrum requirements of all eligible entities within the region.

In 1997 Congress directed the Federal Communications Commission (FCC) to reallocate spectrum at 700 MHz for public safety use. As part of the regulatory process, the Commission established Regional Planning Committees (RPCs) to enable local determination of frequency allotments, user priorities, and interference criteria based on local terrain. (These RPCs are similar to, but separate and distinct from the committees that currently exist for the 821 MHz NPSPAC frequencies.)

This new 700 MHz band holds many opportunities for public safety communications. As the Chairman of Region 53, I invite you and all other eligible entities to participate in the planning process. Meeting your agency's present and future spectrum needs can best be ensured by your participation.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 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, 47 C.F.R. § 90.523, 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 53 should plan to attend.

Rooms at government rates are being held under "Region 53" for Thursday, September 29, 2011 at 2 hotels:

- Holiday Inn @ \$85 per night The Holiday Inn Express & Suites, 830-757-3050 or (877) 859-5095, 2007 Veteran's Blvd., Eagle Pass TX 78852, (Add an additional \$10 per night for an additional person in a room).
- Hampton Inn @ \$ 82 per night Hampton Inn, 830-757-5565, 3301 E. Main, Eagle Pass TX 78852.

The state rate will be honored for Friday night for those wanting to stay. Rooms in block "Region 53" will be held until September 22nd. The closest airport is in Del Rio about 45 minutes away—Continental Airlines.

To register for the Eagle Pass meeting, please go to

<https://www.preparingtexas.org/DeliveryDetails.aspx?classid=7cb0f271-4439-42b7-a076-e337195c8a8f> and follow the instructions.

If unable to attend the meeting in Eagle Pass, your representatives can participate via **WebEx**. Please follow the attached instructions to participate via WebEx.



**Region 53
Planning WebEx Instructions**

Our goal is to have paperless meetings. We will put the documents, presentations and materials on the NPSTC NIIX website at www.niix.org for download and review. Please follow the attached instructions for access to the NIIX “Texas Region 53 700 Planning Committee” community.



**Region 53 NIIX
Instructions 09..**

For your convenience and review attached are the August 11th Meeting Minutes, September 29th Meeting Agenda, the DRAFT Bylaws as recommended by the Bylaws sub-Committee, WebEx Instructions and NIIX Instructions. Future meeting agenda and documents will be posted on NIIX for your review.



**Region 53 700
Meeting 092911 A**



**Region 53 Aug
11 First Mtg min.**



**Apdx A Bylaws
DRAFT 090911.d**

Please share this information with any neighboring agencies who might not have received this mailing, and feel free to contact me if you have any questions.

Respectfully,

Richard Morales, Jr., Region 53 – 700 MHz RPC Chairman
Information Technology Manager, Radio Services
Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
richard.morales@sanantonio.gov

Note: Region 53 (Texas-San Antonio) consists of the following counties: Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, DeWitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kendall, Kenedy, Kerr, Kinney, Kleburg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]
Sent: Wednesday, September 21, 2011 3:50 PM
To: Region 53 700MHz RPC Master Contact List
Cc: 'Richard Morales (ITSD)'; 'dwalker@liveoaktx.net'; 'Carol.Sutherland@dps.texas.gov'
Subject: Region 53: Register @ www.NIIX.org for information on 9/29/11 Meeting

This is a reminder to all public safety agencies within the Region 53 – 700 MHz Planning areas to go to “Texas Region 53 700 Planning Committee” community website at www.NIIX.org, and download the documents for review at our September 29, 2011 meeting in Eagle Pass, TX. The meeting will start at 1:30 pm, at the Middle Rio Grande Eagle Pass Workforce Center, 1200 Ferry Street, Eagle Pass, TX 78852. This committee is responsible for developing a plan that considers and, to the degree possible, meets the spectrum requirements of all eligible entities within the region.

Attached are instructions on how to register and access the Region 53 documents posted at www.NIIX.org.



**Region 53 NIIX
Instructions 09..**

If unable to attend the meeting in Eagle Pass, your representatives can participate via **WebEx**. Please follow the attached instructions to participate via WebEx.



**Region 53
Joining WebEx Instructions**

Please share this information with any neighboring agencies who might not have received this mailing, and feel free to contact me if you have any questions.

Respectfully,

Richard Morales, Jr., Region 53 – 700 MHz RPC Chairman
Information Technology Manager, Radio Services
Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
richard.morales@sanantonio.gov

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]
Sent: Friday, September 30, 2011 3:20 PM
To: Region 53 700MHz RPC Master Contact List
Cc: 'Richard Morales (ITSD)'; 'dwrenn@nbtexas.org'
Subject: FW: Save-the-date: Region 53-700MHz Nov. 3, 2011 Meeting **Importance:** High

Dear Public Safety Official,

The Region 53 700 MHz Regional Planning Committee for 47 counties in South Texas will hold a meeting at *1:30 pm on November 3, 2011, at the Coastal Bend Council of Governments, 2910 Leopard Street, Corpus Christi*. The committee is responsible for developing a plan that considers and, to the degree possible, meets the spectrum requirements of all public safety entities within the region.

It is essential that public safety agencies in all areas of government be represented in order to ensure that each agency's needs are considered in the allocation process.

If unable to attend the meeting in Eagle Pass, your representatives can participate via WebEx. WebEx access will be sent in a future notification.

Additional information on this and future meetings and planning documents are available on the NPSTC NIIX website at www.niix.org for download and review. Please follow the attached instructions for access to the NIIX "Texas Region 53 700 Planning Committee" community.



**Region 53 NIIX
Instructions 09..**

Please share this information with any neighboring agencies who might not have received this mailing, and feel free to contact me if you have any questions.

Respectfully,

Richard Morales, Jr., Region 53 – 700 MHz RPC Chairman
Information Technology Manager, Radio Services
Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
richard.morales@sanantonio.gov

Note: Region 53 (Texas-San Antonio) consists of the following counties: Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, DeWitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kendall, Kenedy, Kerr, Kinney, Kleburg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Carol Sutherland [<mailto:carolsutherland@satx.rr.com>]
Sent: Saturday, October 01, 2011 11:49 AM
To: 'HLS'; rj@cbcogem.org; melodyl@gcrpc.org; macruz@lrgvdc.org; forrest.anderson@mrqdc.org; jkeiser@stdc.cog.tx.us; Jurrens, Karla; 'Farokh Latif'; info@ashto.org; 'Ronald Mayworm'; csauter@txapco.net
Cc: 'Richard Morales (ITSD)'; dwalker@liveoaktx.net; carolsutherland.texas@gmail.com; McFarland, Don
Subject: Region 53-700 MHz Meeting Notice

If possible, please place the attached Region 53 – 700MHz Regional Meeting notice on your organization's website calendar or other appropriate place.

Thank you,
Secretary
Region 53 – 700 MHz RPC

Carol Sutherland
phone 210.844.8969

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]
Sent: Tuesday, October 25, 2011 6:50 PM
To: : Region 53 700MHz RPC Master Contact List
Cc: 'Richard Morales (ITSD)'; 'dwalker@liveoaktx.net'
Subject: FW: Region 53 Nov. 3, 2011 Meeting Invitation from the 700 MHz Planning Committee

Dear Public Safety Official,

In 1997 Congress directed the Federal Communications Commission (FCC) to reallocate spectrum at 700 MHz for public safety use. Since then, the FCC has adopted technical standards and established rules for the most efficient and flexible use of this spectrum.

The Region 53 700 MHz Regional Planning Committee for 47 counties in South Texas will hold a meeting at **1:30 pm on November 3, 2011, at the Coastal Bend Council of Governments, 2910 Leopard Street, Corpus Christi**. Rooms have been reserved under "Region 53" and are available at \$88 per night at the Omni Bayfront Hotel 900 N. Shoreline Drive, telephone (361) 880-6738, and the Omni Marina Hotel at 707 N. Shoreline Drive, (361) 887-1600. To obtain the negotiated rate reservations should be made no later than Friday, October 28th.

The committee is responsible for developing a plan that considers and, to the degree possible, meets the spectrum requirements of all public safety entities within the region. It is essential that public safety agencies in all areas of government be represented in order to ensure that each agency's needs are considered in the allocation process. If unable to attend the meeting, your representatives can participate via WebEx.

As Chairman of Region 53, I invite you and all other public safety entities to participate in the planning process. Along with this invitation, WebEx participation instructions, the proposed agenda, and minutes of the September 29th meeting are being sent for your review. Additional information on this and future meetings, WebEx instructions, and planning documents are available on the NPSTC NIIX website at www.niix.org, under Your Communities go to "Texas Region 53 700 Planning Committee".

Please share this information with any neighboring agencies who might not have received this mailing, and feel free to contact me if you have any questions.



**Region 53 Sept
3 2011 Mtg min.**



**Region 53 700
Meeting 110311 A**



**Nov 3 2011
WebEx Instructions**

Respectfully,

Richard Morales, Jr., Region 53 – 700 MHz RPC Chairman
Information Technology Manager, Radio Services
Communications Division (ITSD)
City of San Antonio, Texas
210-207-7022 - office
richard.morales@sanantonio.gov

Note: Region 53 (Texas-San Antonio) consists of the following counties: Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, DeWitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kendall, Kenedy, Kerr, Kinney, Kleburg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Carol Sutherland [carolsutherland@satx.rr.com]
Sent: Wednesday, December 14, 2011 3:40 PM
To: : Region 53 700MHz RPC Master Contact List
Cc: richard.morales@sanantonio.gov; dwalker@liveoaktx.net; Sutherland, Carol
Subject: FW: Region 53 Jan. 12,2012 Meeting Invitation from the 700 MHz RPC

Dear Public Safety Official,

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Regional Planning Committee (RPC) will hold a meeting on Thursday, January 12, 2012, 1:30 pm, hosted by the Golden Crescent Regional Planning Commission. The meeting will be in (new location) room AH101 in the Allied Health Building at the Victoria College, 2200 E. Red River, Victoria, Texas 77901. Area hotels include: La Quinta (state rate \$80) phone 631-572-3585; Candlewood Suites (state rate \$85 upon availability) phone 361-578-0236; Best Western Inn and Suites, phone 361/485-2300.

The preliminary agenda for the meeting includes:

1. Call to order and welcome to all present and conference bridge attendees.
2. County role call and teleconference self-introductions.
3. Review and approve agenda.
4. Review and approve previous meeting minutes.
5. Review, discussion and approval of Region 53 Plan and Appendices.
6. Old business.
7. New business.
8. Receive Public Comments.
9. Next meetings scheduled.
10. Meeting adjourned.

If you are unable to attend the meeting, you may participate via the WebEx conference bridge. Additional information on this and future meetings, WebEx instructions, and planning documents are available on the NPSTC NIIX website at www.niix.org under "Your Communities" go to "Texas Region 53 700 Planning Committee." For your convenience we are attaching the WebEx instructions for this meeting, minutes from the previous meeting, City of Victoria map and a campus map. The meeting will take place in building 6. You may park in sections N, O and P.

<<...>> <<...>> <<...>> <<...>>

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal 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.

For further information, please contact:

Richard Morales, Jr., Chairman, Region 53 700 MHz RPC
Information Technology Manager, Radio Services, Communications Division (ITSD)
City of San Antonio, Texas, (210) 207-7022, Richard.morales@sanantonio.gov

Note: The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Sutherland, Carol [mailto:Carol.Sutherland@dps.texas.gov]
Sent: Thursday, December 15, 2011 10:03 AM
To: djohnson@aacog.com; melodyl@gcrpc.org; mcruz@lrgvdc.org; fsna@sbcglobal.net;
forrest.anderson@mrgdc.org; jrkeiser@stdc.cog.tx.us; lauravela@stdc.cog.tx.us; Jurrens, Karla;
csauter@txapco.org; rmayworm@bvcog.org; faye.prevot@h-gac.com; ralphm@riocog.org
Cc: richard.morales@sanantonio.gov; dwalker@liveoaktx.net; carolsutherland@satx.rr.com
Subject: Action Requested: Region 53 Jan. 12, 2012, 700 MHz RPC Meeting Invitation
Importance: High

If possible, please post the attached meeting invitation to the Region 53 January 12, 2012, 700 MHz Regional Planning Meeting on your website and/or calendar of events.

*Thank you,
Carol Sutherland
Strategic Communications Planning*

From: carolsutherland@satx.rr.com [mailto:carolsutherland@satx.rr.com]
Sent: Wednesday, January 04, 2012 9:35 AM
To: carolsutherland@satx.rr.com
Subject: NIIX.org - Texas Region 53 - 700MHz Planning Committee Community Notification

Dear Public Safety Folks:

We will be reviewing the complete Region 53 700MHz Plan documents at the January 12th meeting next week in Victoria, TX. The meeting location is *room AH101 in the Allied Health Building at the Victoria College, 2200 E. Red River, Victoria, Texas 77901*. Area hotels include: La Quinta (state rate 80) phone 631-572-3585; Candlewood Suites (state rate 85 upon availability) phone 361-578-0236; Best Western Inn and Suites, phone 361/485-2300.

During this meeting we hope to approve the completed Plan to send to adjacent Regions 49, 50, and 51 for their review and comments. (Most of these documents have been previously viewed and now we will approve the Region 53 RPC recommended modifications.) At the March 1st meeting in San Antonio we hope to have received approvals from the adjacent Regions and send the Plan to the FCC for approval.

Please review the Plan documents prior to the meeting. To access the documents please go to www.niix.org then to "Your Communities" on the left side and click on the "Texas Region 53 700MHz Planning Committee" to open the list of folders; now click and open "Plan Documents". We will quickly review all of these documents during the meeting. If you have problems accessing the documents, please email me at carol.sutherland@dps.texas.gov.

If you are unable to attend the meeting, you may participate via the WebEx conference bridge. The WebEx instructions for this meeting are below.

Hope to see you in Victoria next Thursday,

Carol Sutherland, Region 53 Secretary

WebEx Participation Instructions for: Thursday, January 12, 2012 – 1:30 pm – 5 pm meeting Region 53 invites you to an online meeting using WebEx. Meeting Number: 623 603 703 Meeting Password: This meeting does not require a password. -To join this meeting -1. Go to <https://txdpsoncall.webex.com/txdpsoncall/j.php?J=623603703> 2. If requested, enter your name and email address. 3. If a password is required, enter the meeting password: This meeting does not require a password. 4. Click "Join". 5. Follow the instructions that appear on your screen. -Audio conference information-To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code. Call-in toll-free number (US/Canada): 1-877-668-4493 Call-in toll number (US/Canada): +1-408-600-3600 Toll-free dialing restrictions: http://www.webex.com/pdf/tollfree_restrictions.pdf Access code: 623 603 703 <http://www.webex.com>

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]
Sent: Thursday, January 05, 2012 5:16 PM
To: Region 53 700MHz RPC Master Contact List
Cc: 'richard.morales@sanantonio.gov'; 'dwalker@liveoaktx.net'; 'Sutherland, Carol'
Subject: FW: Region 53 Jan. 12,2012 Meeting Invitation from the 700 MHz RPC (STDC)

This is just a reminder notice, hope to see you next Thursday.

Carol Sutherland
phone 210.844.8969

Dear Public Safety Official,

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Regional Planning Committee (RPC) will hold a meeting on Thursday, January 12, 2012, 1:30 pm, hosted by the Golden Crescent Regional Planning Commission. The meeting will be in (new location) room AH101 in the Allied Health Building at the Victoria College, 2200 E. Red River, Victoria, Texas 77901. Area hotels include: La Quinta (state rate \$80) phone 631-572-3585; Candlewood Suites (state rate \$85 upon availability) phone 361-578-0236; Best Western Inn and Suites, phone 361/485-2300.

The preliminary agenda for the meeting includes:

1. Call to order and welcome to all present and conference bridge attendees.
2. County role call and teleconference self-introductions.
3. Review and approve agenda.
4. Review and approve previous meeting minutes.
5. Review, discussion and approval of Region 53 Plan and Appendices.
6. Old business.
7. New business.
8. Receive Public Comments.
9. Next meetings scheduled.
10. Meeting adjourned.

If you are unable to attend the meeting, you may participate via the WebEx conference bridge. Additional information on this and future meetings, WebEx instructions, and planning documents are available on the NPSTC NIIX website at www.niix.org under "Your Communities" go to "Texas Region 53 700 Planning Committee." For your convenience we are attaching the WebEx instructions for this meeting, minutes from the previous meeting, City of Victoria map and a campus map. The meeting will take place in building 6. You may park in sections N, O and P.



**Region 53 Nov
2011 Mtg minutes**



**WebEx
instructions 011212 r**



**VC Campus
Map.pdf**



Map to VC.pdf

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal 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.

For further information, please contact:

Richard Morales, Jr., Chairman, Region 53 700 MHz RPC
Information Technology Manager, Radio Services, Communications Division (ITSD)
City of San Antonio, Texas, (210) 207-7022, Richard.morales@sanantonio.gov

Note: The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Carol Sutherland [mailto:carolsutherland@satx.rr.com]
Sent: Monday, January 23, 2012 7:19 PM
To: Region 53 700 MHz RPC Master Contact List
Cc: 'Richard Morales (ITSD)'; 'dwalker@liveoaktx.net'; 'carol.sutherland@dps.texas.gov'
Subject: FW: Save-the-date: March 1, 2012 Region 53 700 MHz RPC Meeting

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Regional Planning Committee (RPC) will hold a meeting on March 1, 2012, 1:30 pm at Alamo Area COG, 8700 Tesoro, San Antonio, Texas. Hotel rooms are available at \$85.00 per night under block "Region 53"; Crowne Plaza Hotel, 1111 NE Loop 410, San Antonio, TX, phone (877) 207-1412.

If you are unable to attend the meeting, you may participate via the WebEx conference bridge. To participate via WebEx please follow these instructions:

Meeting Number: 629 270 372

Meeting Password: This meeting does not require a password.

1. Go to <https://txdpsoncall.webex.com/txdpsoncall/j.php?J=629270372>
2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password: This meeting does not require a password.
4. Click "Join".
5. Follow the instructions that appear on your screen.

Audio conference information:

To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code.

Call-in toll-free number (US/Canada): 1-877-668-4493

Call-in toll number (US/Canada): +1-408-600-3600

Additional information on this and future meetings is available at www.niix.org under *Your Communities*. Prior to the meeting date, please download the latest version of the Plan and Appendices to be reviewed at the meeting; go to: www.niix.org, *Your Communities, Texas Region 53 700 Planning Committee, Plan Documents*.

All Region 53 RPC meetings are open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that public safety agencies, including state, municipality, county, and Native American Tribes be represented 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 and represent their agency's needs.

For further information, please contact:

Richard Morales, Jr., Chairman, Region 53 700 MHz RPC
Information Technology Manager, Radio Services, Communications Division (ITSD)
City of San Antonio, Texas, (210) 207-7022, Richard.morales@sanantonio.gov

Note: The Region 53 (Texas-San Antonio) 700 MHz regional planning area consists of the counties of Aransas, Atascosa, Bandera, Bee, Bexar, Brooks, Calhoun, Cameron, Comal, Dewitt, Dimmit, Duval, Edwards, Frio, Gillespie, Goliad, Gonzales, Guadalupe, Hidalgo, Jackson, Jim Hogg, Jim Wells, Karnes, Kenedy, Kerr, Kendall, Kinney, Kleberg, LaSalle, Lavaca, Live Oak, Maverick, McMullen, Medina, Nueces, Real, Refugio, San Patricio, Starr, Uvalde, Val Verde, Victoria, Webb, Willacy, Wilson, Zapata, and Zavala.

From: Carol Sutherland [<mailto:carolsutherland@satx.rr.com>]
Sent: Tuesday, February 07, 2012 1:27 PM
To: Region 53 700 MHz RPC Master Contact List
Cc: richard.morales@sanantonio.gov; dwalker@liveoaktx.net
Subject: FW: Region 53 March 1, 2012 meeting invitation

Dear Public Safety Official:

The Region 53 (Texas-San Antonio) 700 MHz Public Safety Regional Planning Committee (RPC) will hold its next meeting on March 1, 2012, beginning at 1:30 p.m., at Alamo Area Council of Governments, 8700 Tesoro, San Antonio, Texas. Lodging is available at the Crowne Plaza Hotel, 111 NE Loop 410, San Antonio, Texas, telephone (877) 207-1412, for \$85 per night under block "Region 53."

If you are unable to attend the meeting, you may participate via the WebEx conference bridge using the attached instructions. Also, for your review, attached is the March 1st Meeting Agenda, the FCC Public Notice and the Jan 12th Meeting Minutes.

Note: Prior to the meeting, please download and review the Region 53 Plan and Appendices:

- Go to www.NIIX.org and enter your log-on ID and password
 - Go to: *Your Communities* (on the lower left side of the monitor)
 - Click on *Texas Region 53 700 MHz Planning Committee*
 - Click on *Plan Documents* to download the Plan and Appendices. All current plan documents, meeting announcements, meeting minutes, and other pertinent information are maintained at this website.

The Region 53 700 MHz Public Safety RPC meeting is open to the public. All eligible public safety providers in Region 53 may utilize these frequencies. It is essential that eligible public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal 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 53 should plan to attend. For further information, please contact:

Richard Morales, Jr., Chairman
Region 53 700 MHz RPC
Information Technology Manager
Radio Services Communications Division (ITSD)
City of San Antonio, Texas
(210) 207-7022
Richard.morales@sanantonio.gov

From: Sutherland, Carol [mailto:Carol.Sutherland@dps.texas.gov]
Sent: Tuesday, February 07, 2012 3:06 PM
To: kkillion@txapco.org; info@texaspolicechiefs.org; Jurrens, Karla; bwilkes@texasfirechiefs.org; cbarron@sffma.org; djohnson@aacog.com; melodyl@gcrpc.org; mcruz@lrgvdc.org; fsna@sbcglobal.net; forrest.anderson@mrgdc.org; jrkeiser@stdc.cog.tx.us; lauravela@stdc.cog.tx.us; Jurrens, Karla; csauter@txapco.org; rmayworm@bvcog.org; faye.prevot@h-gac.com; ralphm@riocog.org
Cc: richard.morales@sanantonio.gov; dwalker@liveoaktx.net; carolsutherland@satx.rr.com; Barney, Mike
Subject: RE: Action Requested: Region 53 Jan. 12, 2012, 700 MHz RPC Meeting Invitation

If possible, please post the attached FCC Public Notice of the the Region 53 (San Antonio / South Texas) March 1, 2012, 700 MHz Regional Planning Meeting on your website and/or calendar of events.

Thank you,

Carol Sutherland

Strategic Communications Planning

Region 53 700 MHz Plan

Appendix C3 – Meeting Agendas

Appendix C3 provides copies Region 53 Planning meeting agendas to date:

- August 11, 2012 Initial meeting agenda
- September 29, 2011 meeting agenda
- November 3, 2011 meeting agenda
- January 12, 2012 meeting agenda
- March 1, 2012 meeting agenda

Region 53 – 700 MHz Public Safety Planning Committee 1st Meeting Agenda

Introductions	Richard Morales, Convener
Appoint Temporary Secretary	“
Purpose of Meeting: 700 MHz -Discussion on the use and basis of meeting -Development of the use of 700 MHz radio spectrum (while possible) -No funding allocations associated with this planning endeavor -FCC has allocated spectrum geographically by county; no permanent allocations have been made in this region -Selection of Chair’s and Committees	“
Nominations for Chair and Vice Chair	Robert Adelman, 800 MHz RPC Chair
Elections	“
Appointment of Secretary, Treasurer	New 700 MHz Chairperson
Identify Standing Committees and Appointment of Chairs (suggestions) -Bylaws -Technical/Software/Interoperability -Peer Review / Dispute Resolution	“
Set review and adoption of Bylaws	“
Development of Draft Plan -Review of spectrum allocations	“
Region 53 web-site (suggestions)	“
Establish Future Meetings and Locations - Maverick County - Corpus Christi - San Antonio	Secretary
Adjourn	New 700 MHz Chairperson

Region 53 – 800 MHz Public Safety Planning Committee Meeting Agenda

Discussion on Updating the Region 53 – 800 MHz Plan	Robert Adelman- Region 53 800MHz Chair
Adjourn	“

Region 53 700 MHz Planning Committee Meeting September 29, 2011 Proposed Agenda

Open meeting, welcome to Eagle Pass attendees and WebEx attendees	RPC Chair: Richard Morales
County and WebEx roll-call	RPC Chair: Richard Morales
Review and approve agenda	RPC Chair: Richard Morales
Demonstration of the NIIX – Region 53 site capabilities	Don McFarland, DPS
Review and approve minutes of the August 11, 2011 meeting	RPC Chair: Richard Morales
Bylaws Subcommittee report	Sub-Committee Chair: Carol Edgett, Comal Co.
Discussion and possible action on adopting the Bylaws as the permanent Region 53 Bylaws	RPC Chair: Richard Morales
Discussion of Region 53 Plan, Appendixes, and review process <ul style="list-style-type: none">- Proposed Assignments	RPC Secretary: Carol Sutherland
Old Business	
New Business: 700 MHz Protocol with Mexico	Joe Jarrett, DPS, TX Frequency Coordinator
Receive Public Comments	RPC Chair: Richard Morales
Next meetings scheduled <ul style="list-style-type: none">- Thursday, November 3, 2011 – Corpus Christi- Thursday, December 8, 2011 – San Antonio	RPC Chair: Richard Morales
Meeting Adjourned.	RPC Chair: Richard Morales

Region 53 700 MHz Planning Committee Meeting November 3, 2011 Proposed Agenda

- 1) Welcome to Corpus Christi and the Coastal Bend Council of Governments
- 2) Call to order and welcome to all present and conference bridge attendees
- 3) County roll call and teleconference self-introductions (name and agency)
- 4) Approval of agenda
- 5) Review and approve previous meeting minutes
- 6) Review and status report on the draft Region 53 Plan and Appendices (download from www.NIIX)
 - a) Review and discussion of member and Sub-committee recommendations
 - i) Sub-committee Chairs to discuss recommendations to Plan documents as noted on the Proposed Assignments Revised 9/30/11, below
 - ii) Technology Sub-committee Plan Section 3.5 Orphan Channel
- 7) Old Business
- 8) New Business
- 9) Opportunity for public comment
- 10) Next meetings scheduled:
 - a) Thursday, December 8, 2011 – San Antonio
 - b) January 2012, Golden Crescent Regional Planning Commission, Victoria, TX
 - c) March 2012, South Texas Development Council, Laredo, TX
- 11) Meeting adjourned.

Plan Review Process Proposed Assignments Revised 9/30/11

Due	Task	Assigned To
10/24	Review and note corrections for COG/ County Master POC list (listed by COG/County in Planning Workbook)	All
10/24	Review and note corrections for County Data Sheet (2 nd Sheet in Planning Workbook)	Jurisdictions within each county
10/24	Review and note corrections on Region 53 700 MHz Plan	General Review: All; Section 2.4: Peer Review/Dispute Resolution Sub-committee; Section 3.5 Technology Sub-committee
10/24	Review and note corrections for Appendix E: Pre-assignment Rules	Technology Sub-Committee
10/24	Review and note corrections for Appendix F: 25 KHz County Channel Assignments	Jurisdictions within each County;
10/24	Review and note corrections for Appendix G: Inter-Regional Coordination Procedures and Procedures for Resolution of Disputes	Peer Review/Dispute Resolution Sub-committee
10/24	Review and note corrections for Appendix H: Application Process Diagram	Technology Sub-committee
10/24	Review and discuss Appendix J: 700MHz Protocol with Mexico	Nick Falgiatore, L R Kimball

Region 53 700 MHz Planning Committee Meeting January 12, 2012 Agenda

- 1) Welcome to Victoria and the Golden Crescent Regional Planning Commission
 - a) Update on DPS organization and activities
- 2) Call to order and welcome to all present and conference bridge attendees
- 3) County roll call and teleconference self-introductions (name and phone number)
- 4) Approval of agenda
- 5) Review and approve previous meeting minutes
- 6) Review and approval of Plan revisions: (download from www.NIIX.org)
 - a) Plan: Review and approve recommended revisions (pending correct formatting and page numbers)
 - b) Appendices approved at previous meetings:
A – Bylaws, E – Pre-assignment Rules, F – 25 KHz County Channel Assignments report, G – Inter-Regional Coordination Procedures and Procedures for Resolution of Disputes, H – Application Process Diagram, and J – 700 MHz Protocol with Mexico (approval pending addition of agendas and minutes from 1/12 and 3/1 meetings)
 - c) Appendices to be reviewed at January 12, 2012 meeting:
 - i) B – Membership List (approval requested pending revised Membership List)
 - ii) C – Adjacent Regions Letters of Concurrence (approval requested pending response from adjacent regions), First Meeting Notifications, Public Notices, Agendas, Minutes, Region 53 Master Contact List
 - iii) D – Texas Interoperability Guide
 - iv) K – Certification of Open Meetings
 - v) L – Propagation Model Calibration Map
 - vi) M – Sample Propagation Maps
 - vii) N – Application Check List
- 7) Old Business:
 - a) The COG/County POC list (located on NIIX in the Planning Workbook will be purged after the January 12, 2012 meeting. All those who have attended any meeting or participated via WebEx will convert to the Region 53 Membership List, Appendix B. If you know of individuals that should remain on the this, or who should be put on the list, please send that information to carol.sutherland@dps.texas.gov
 - b) If your phone number is not displayed on the sign-in sheet, please note it for the Region 53 Master Contact List
 - c) Plan submittal timeline:
 - (1) 1/12/12 – final approval of Plan and Appendices package to send to adjacent regions for approval
 - (2) 3/1/12 – final approval of Plan and Appendices package to send to FCC for approval, and post on CAPRAD
- 8) New Business:
 - a) FCC PN “800 MHz Rebanding Negotiation Period for Wave 4 Border Area NSPAC and Non-NSPAC Licensees along the U. S. Mexico Border”
 - b) Future meeting notices via NIIX.org
- 9) Opportunity for public comment
- 10) Next meetings scheduled:
 - a) March 1, 2012 - 1st Annual Meeting @ AACOG
 - b) June 7, 2012 – 1st Quarterly meeting @ South Texas Development Council, Laredo, TX
 - c) September 6, 2012 – Quarterly meeting
 - d) December 6, 2012 – Quarterly meeting
- 11) Meeting adjourned.

Region 53 700 MHz Planning Committee Meeting March 1, 2012 Proposed Agenda

- 12) Welcome to San Antonio and the Alamo Area Council of Governments
 - a) Update on DPS organization and activities --- *new State Legislative Liaison*
- 13) Call to order and County roll call and teleconference self-introductions (name and phone number)
- 14) Approval of agenda
- 15) Review and approve previous meeting minutes
- 16) Discussion of Plan and Appendices:
 - a) Acceptance and/or concerns received from adjacent regions:
 - i) Region 49
 - ii) Region 50
 - iii) Region 51
 - b) Concerns received from Region 53.
- 17) Final approval of Region 53 Plan and Appendices to submit to the FCC (pending addition of March 1 meeting agenda and minutes, updating Appendices B - Membership List, C5 - Master Contact List, and correct formatting and page numbers). All POCs who have attended any meeting or participated via WebEx will convert from the Master Contact List to the Region 53 Membership List, Appendix B.
- 18) Old Business:
 - a) Please register at www.NIIX.org for future Region 53 notifications. The Region 53 contact list on NIIX will be used for meeting notifications and other Region 53 business. (NIIX is hosted by the Department of Justice). If you know of individuals that should be added to this list please send that information to carol.sutherland@dps.texas.gov.
 - b) Plan submittal timeline:
 - (1) 3/1/12 – final approval of Plan and Appendices package to send to FCC for approval, and post on CAPRAD; target date for submittal is 3/12/12.
- 19) New Business:
 - a) CAPRAD FCC License Application Review by Nick Falgiatore
 - b) McAllen application.
 - c) La Joya ISD PD request.
- 20) Opportunity for public comment
- 21) Next meetings scheduled:
 - a) June 7, 2012 – 1st Quarterly meeting @ South Texas Development Council, Laredo, TX
 - b) September 6, 2012 – Quarterly meeting
 - c) December 6, 2012 – Quarterly meeting
- 22) Meeting adjourned.

Note: Prior to the meeting, please download and review the Region 53 Plan and Appendices:

- go to www.NIIX.org, enter your log-on ID and password;
- go to: *Your Communities* (on the lower left side of the monitor);
- click on *Texas Region 53 700 MHz Planning Committee*;
- click on *Plan Documents* to download the Plan and Appendices. All current plan documents, meeting announcements, meeting minutes, and other pertinent information are maintained at this website.

Region 53 700MHz Plan

Appendix C4 – Meeting Minutes

Appendix C4 provides copies Region 53 Planning meeting minutes:

- August 11, 2012 Initial meeting minutes
- September 29, 2011 meeting minutes
- November 3, 2011 meeting minutes
- January 12, 2012 meeting minutes
- March 1, 2012 meeting minutes

Region 53, 1st Meeting of the 700 MHz Regional Planning Committee **August 11, 2011, Meeting Minutes**

Richard Morales: (Region 53 meeting convener) Region 53 held a previous initial meeting in 2001, however, we were unable to find meeting minutes or other documentation, so this is the official 1st meeting of the Region 53 700 MHz RPC.

We'll open the meeting with a County Roll Call.

The agenda for this meeting is:

- o Discuss the Purpose of the RPC and meetings.
- o Nominations of Region 53 Chair and Vice Chair and election
- o Appointment of Region 53 Secretary and Treasurer
- o Identifying Standing Committees, appointment of Chairs and members
- o Establishing future meetings and locations

Our goal is to have paperless meetings. We hope to have Region 53 documentation set-up on the NIIX web site prior to our next meeting. You will be asked to download and review documents for action during the following meetings.

The FCC also encourages participation via teleconference, so we also hope to have that established by our next meeting.

Now I would like to introduce Nick Falgiatore who will be talking about the purpose of the Region 53 RPC and our responsibilities.

Nicholas Falgiatore, M.S.E.E., **L.R. Kimball**

Telecommunications Specialist

nicholas.falgiatore@lrkimball.com; Cell: 321.704.5111

(Nick's presentation can be found on our NIIX site. The notes below are not all inclusive.)

Notes from Nicholas Falgiatore's presentation:

- 700 MHz LMR trunking channels
- FCC delegated the responsibility to regional committees to oversee channel allocation
- Regional plan outlines how channels are appropriated
- 700 MHz offers more spectrum and is allocated in frequency pairs, e.g. transmit and receive
- Agencies can use both 800 & 700 MHz in one system; some channels are interchangeable, with compatible technologies
- Channels are assigned by geographic area, they have been pre-coordinated. Channels should be able to be used in most cases as allocated without causing interference to other entities. These frequencies should be license-able now..
- Nationwide calling channels; low speed data channels; data interoperability channels
- Low power channels assigned exclusively for fire-ground operations
- Reserve pool channels are available
- Plan covers general use and interoperability channels
- Agencies can augment 800 MHz existing systems with some of these channels
- CAPRAD is the on-line database – (Caprad.org demonstration)
- 700 MHz must use digital technology, must be able to operate P25 mode I/O channels
- Orphan channels- public safety agencies should attempt to swap channels without creating interference
- 700MHz narrowband 12.5 to 6.25 KHz – provides 2 voice paths in place of one; by 2016 year end agencies must be operating on 6.25 KHz
- No formal agreement with Mexico (MX) for use of 700 MHz channels; MX is using some of these channels for TV stations, there is potential for interference, assignment of these channels along the Mexico Border is restricted at this time.
- Plan must include
 - o Plan identification
 - o Summary of major elements
 - o General list of how spectrum assigned:
 - o Adoption of CAPRAD for regional assignment of channel allocation, or other method
 - o Define how channels are assigned based on need
 - o How coordination and approval with adjacent regions is accomplished
 - o Future planning process
 - o Certification that meetings are open to the public
 - o Tracking all correspondence
 - o Attendance, facilitates; meeting notices; participation;

Question: John Kaiser, STDC – Did the FCC consider Mexico interference when they created the County Channel Allotments?

Answer: Nick, No. Assignments are spread throughout area, some channels are US primary, some of the channels are MX primary. You may need to reallocate channels in a specific region; or you may need to augment channels in counties close to the MX border.

Richard Morales: Robert Adelman, Region 53 800 MHz Chairman will handle the nominations for the Region 53 700 MHz Chair.

Robert Adelman: It is now time to make nominations for the 800MHz RPC Chair.

Richard Morales is convener for this mtg. The bylaws will formalize the Region 53 governance structure. As Chair of the 800 MHz RPC I will now open nominations for Chair and Vice Chair of the 700 MHz Region 53 RPC. We need serious worker bees to do this work.

First, let's all say thank you to Richard, Carol, and AACOG for all the work to this point.

The floor is open for nominations:

I would like to nominate Richard Morales for chair.

Capt. Albert Zuniga, Selma PD: I would like to nominate Derrick Walker, Radio System Mgr. City of Live Oak, for Chair.

Randy Ashley, Hidalgo Public Safety Communications: I move that nominations cease.

Seconded.

Robert Adelman: Nominees for chair are Richard Morales, and Derrick Walker; by a show of hands please vote; only public safety entities are allowed to vote. The vote is: Richard = 21, and Derrick = 15.
Congratulations Richard.

The vote for Vice Chair is:
Robert = 9, and Derrick = 18.
Congratulations Derrick and thank you.
I will now turn the meeting over to our Chairman, Richard Morales.

Richard M: Carol Sutherland has been appointed Secretary and will continue as Secretary. AACOG will continue to assist us.
No treasurer is needed because we have no funding.

We need to select our committees now. They are:

- o Bylaws.
- o Technology/software/interoperability.
- o Peer Review.

Terry Niemietz, converse PD: You can only be on one committee, is that correct?

Richard M: Yes.

Terry N: Can you please describe the jobs of the committees?

Richard M: – The Bylaws Committee is basically a committee that develops the rules we operate by, to ensure we are operating within the Texas laws; although this is really a policy type committee.

The Technology/Software/Interoperability Committee will guide us through the frequencies needed when we are building a system. These folks will take a look at the system and technology to ensure the project and channel assignments are correct and within FCC requirements. Some other regions have split these to three committees, but the requirements are the same so we are combining the committees. The Interoperability job is to coordinate with other regions to eliminate interference issues with those areas.

The Peer Review/Dispute Resolution Committee is only active when channel allocations are in question. I nominate Mr. Joe Jarrett for Chair of this Committee. Joe is the frequency coordinator for DPS and has the experience and software to identify the best available frequencies and eliminate interference problems. I recommend the Technology Committee be only 3.

Richard M: I would like a minimum of 7 members for the Bylaws Committee. Do I have any volunteers?

- o Robert Adelman, Bexar Co. Sheriff's Office, email: radelman@bexar.org
- o Forrest Anderson, MRGDC, email: forrest.anderson@mrfdc.org
- o Glen Outlaw, Schertz Fire Dept., email: goutlaw@schertz.com
- o Carol Edgett, Chair, Comal Co. EMC, email: cctcje@co.comal.tx.us
- o Danielle Hale, Nueces Co. EMC, email: Danielle.hale@co.nueces.tx.us
- o Edwin Baker, Wilson Co. Fire Marshal /Fire Chief, email: chiefSFD4100@gmail.com
- o Jeffery Dean, City of San Antonio, email Jeffrey.dean@sanantonio.gov
- o Mary Ruiz, AACOG, email mruiz@aacog.com

Robert A: When the RPC gets established it will be more structured such that there should be a single representative from a single entity that votes. I know there is quite a few of us here from a single entity. These first meetings are to get us to that point. By-the-way we need to revise the 800 MHz Plan.

Richard M: Carol Edgett, I suggest that you become the chair

Carol E: OK.

Richard M: Do we have any volunteers for the Technical/Software/Interoperability Committee?

- o Chief Gary Cox, Cibola PD, email:
- o Ron Rutkowski, Schertz PD, email: rrutkowski@schertz.com
- o Jessie Saenz, Corpus Christi Radio System Mgr. email: jsaenz@cctexas.com
- o Emily Reyes, South TX Emergency Care Foundation, email
- o RJ Thomas, CBCOG, email rjthomas@cbcogem.org;
- o Officer Jimmy Wilson, Robstown PD, 361-387-3531, email jwilson@robstown-pd.us

Now volunteers for the Peer Review/Dispute Resolution Committee

- o Chair: Joe Jarrett, DPS Frequency Coordinator
- o Terry N. Converse PD, email dispatch@conversetx.net;
- o Derek Wrenn, New Braunfels Fire Dept., dwwrenn@nbtexas.org;
- o Randy Ashley, email rashley@mcallen.net;
- o Jim Judd, Gillespie Co. SO, jjudd@gillispiecounty.org

Richard M: We will be using templates from CAPRAD site, made available from the National Regional Planning Committee (NRPC) and approved by the FCC, to draft our Bylaws and other documentation.

For those of you that are going to build a system soon, the FCC requires you to submit a STA to obtain frequencies. My suggestion is that you also obtain one of the State frequencies for mutual aid.

We need to discuss future meeting locations and dates. Since we have no funding, this meeting room was donated. We need locations that can accommodate our needs without charging fees. The meetings need to take place throughout the region. Here are our suggestions:

- The Kickapoo Tribal area in Eagle Pass, Maverick County, meeting on Sept. 29th;
- Corpus Christi meeting on Nov. 3rd; and
- San Antonio area on Dec. 8th.

Forrest, can you help us set-up the meeting in Eagle Pass? Forrest A: Yes.

Richard M: Thank you for coming, the meeting is now adjourned.

September 29, 2011, Meeting Minutes

Open meeting: Forrest Anderson, MRGDC, welcomed the RPC.

County and WebEx roll-call: Richard Morales, Region 53 Chairman, City of San Antonio (COSA) - 39 individuals were present at the meeting and 15 were attending via WebEx.

Review and approve agenda: Richard asked if any modifications were suggested; the agenda was approved.

Demonstration of the NIIX – Region 53 site capabilities: Richard introduced Don McFarland, DPS and Region 53 NIIX site manager.

- Don McFarland provided detailed live on-line instructions on NIIX site registration, and how to access the Texas Region 53 – 700 MHz Community and documents.
- Richard encouraged all to register for NIIX Region 53 access. Since this organization is striving to hold paperless meetings, all meeting notices and planning documents for review will be posted on this site.

Review and approve August 11, 2011 meeting minutes: Richard asked for approval of the August 11th meeting minutes, these were emailed to the Region 53 master contact list and also placed on NIIX for review. Robert Adelman, Bexar County, moved to accept the minutes, Forrest Anderson seconded the motion. Motion passed by a majority vote.

Bylaws Subcommittee report: Richard asked Carol Edgett, Comal County, and Bylaws Sub-committee Chairperson, to review the recommendations for Region 53 RPC Bylaws.

Discussion and possible action on adopting the Bylaws as the permanent Region 53 Bylaws: Carol Edgett presented the sub-committee's recommendations by section; RPC group discussions included several changes to the sub-committee recommendations. The Sub-committee recommendations are posted on NIIX as "*Bylaws showing recommendations*" and the final document is posted as "*Region 53 Bylaws final 092311.*"

- Richard asked for a motion to approve the Sub-committee recommendations for Region 53 Bylaws as amended per group discussions. Jeffery Dean, Assist. EMC, COSA, moved to approve the amended Bylaws. Ron Echols, PD Chief, Live Oak, seconded motion. Motion passed by a majority vote.
- The RPC Secretary will make changes in the draft Region 53 Plan to be compliant with the Bylaws and have the revised plan posted on NIIX prior to the next meeting.

Discussion of Region 53 Plan, Appendixes, and review process and proposed assignments:

Richard led a review and discussion of the Region 53 – 700 MHz Plan and Appendixes.

- The RPC must review, modify and approve the Plan and appendices including: Bylaws, Membership List, Texas Interoperability Guide, Pre-assignment Rules, Channel Allotments by County, Inter-regional Resolutions of Disputes, and Application Process Diagram.
- Jurisdictions need to review and correct the "County Data" sheet in the "Reg53 700 Planning Workbook 092611" on NIIX; submit corrections to carol.sutherland@dps.texas.gov.
- Michael Quinn, AACOG, was appointed Chairman of the Technology Sub-committee, and Forrest Anderson was appointed Vice-chairman; (see page 5 of this document for a complete list of Region 53 Sub-committees.)
- The Technology Sub-committee will re-write Section 3.5 "Orphan Channels", of the Region 53 Plan to provide maximum flexibility for use of 12.5 KHz channels utilizing the 25 KHz CAPRAD channel sort.
- To reduce possible interference problems, adjacent regions must approve the Region 53 Plan and Allocation of Channels prior to FCC approval.
- Assignments to review and recommend changes to the Plan and Appendixes were discussed and revised, (see page 4 of this document.)

Old Business: Richard asked for questions on any business thus far.

- Gene Outlaw suggested combining the Treasurer position with the Secretary position. Robert Adelman moved to delegate the duties of Treasurer to the Secretary. Michael Quinn seconded the motion. Motion passed by a majority vote.
- Richard reviewed the Region 49-Fayette County approval letter with the RPC.
- Richard discussed an email sent by Deputy Andres Zamarripa, Webb County SO, regarding the use of 700 MHz channels along the Mexico Border. Future meetings will include discussions on this topic.
- Since only a few people registered for the meeting on www.PreparingTexas.org, it was decided to discontinue this process.

New Business:

- The Region 53 master contact list includes approximately 500 public safety POCs. Currently two to three notifications are sent to each of the 500 email addresses for each meeting. This will continue through the December 8, 2011 meeting in San Antonio. After the December meeting the master contact list will be replaced by the Region 53 Member List (Appendix B) which will include all who have attended any Region 53 meeting in person or via WebEx. Meeting notices will continue to be posted on COG, NIIX and associated websites, and sent to the Membership List. Members are encouraged to add valid public safety agency contacts to the Membership List.

Public Comments: None

Future Meetings:

WebEx instructions for participation in future meetings can be found at www.niix.org under the Texas Region 53 700 MHz Community.

November 3, 2011, 1:30 – Corpus Christi: CBCOG will host this meeting at 2910 Leopard Street, Corpus Christi.

Hotel rooms can be reserved for a rate of \$88.00 per night single occupancy under block "Region 53" until Friday, October 28th at the Corpus Christi Omni Bayfront & Marina Towers; price includes shuttle service to and from the airport, parking, and breakfast buffet at the Coastline Café; 24 hour cancellation period.

Bayfront: 900 N. Shoreline Drive, phone: (361) 880-6738

Marina: 707 N. Shoreline Drive, phone: (361) 887-1600

December 8, 2011, 1:30 – San Antonio: AACOG will host this meeting at 8700 Tesoro, San Antonio, Texas.

Hotel rooms can be reserved for a rate of \$85.00 per night; price includes shuttle service to and from the airport, and to and from AACOG, and parking. The hotel offers a 15% discount on any meal in the hotel restaurant to government employees; 48 hour cancellation period.

Crowne Plaza Hotel, 1111 NE Loop 410, San Antonio, TX, (877) 207-1412

Meeting Adjourned: Richard thanked all for coming and their participation.

November 3, 2011 Region 53, 700 MHz RPC Meeting Minutes

- 1) Welcome to Corpus Christi and the Coastal Bend Council of Governments:
R. J. Thomas, CBCOG, welcomed the RPC.
- 2) Call to order and welcome to all present and conference bridge attendees:
Derrick Walker, Region 53 Vice-chairman, City of Live Oak, thanked all for participating in the 700 MHz planning process.
- 3) County roll call and teleconference self-introductions:
Derrick Walker – 41 were present at the meeting, plus 4 that participated via WebEx; Attendance by County was: 8 -Bexar, 1-Comal, 1-Gillespie, 3-Guadalupe, 1-Brooks, 1-Live Oak, 5-Nueces, 3-San Patricio, 2-Goliad, 1-Victoria, 4-Hidalgo, 1-Dimmit, 1-Uvalde, 2-Webb, 6-State, and 5-Vendors.
- 4) Review and approval of agenda:
Derrick called attention to the Plan Assignment sheet and Sub-committee List which were included with the agenda; he then asked if any modifications were suggested; Chief Ron Echols, Live Oak PD moved for approval of the agenda as is; Michael Quinn seconded the motion; agenda was approved.
- 5) Review and approve September 29th meeting minutes:
Robert Adelman, Bexar County, moved to approve the minutes as presented; Jim Judd, Gillespie County Sheriff's Office seconded the motion.
- 6) Review and status report on the draft Region 53 Plan and Appendices:
Participants were advised via the meeting invitation to download and review the planning documents from www.NIIX.org for discussion at this meeting.
Derrick facilitated the document reviews from the Plan Assignments list discussed and approved at the September 29th meeting.
 - a) Review and note corrections for the COG/County POC list: several items were submitted for corrections and three new POC names were added. *COGs to review POC lists and email corrections.*
 - b) Review and note corrections for the County Data Sheet: Derrick asked that copies of the County Data sheet be given to the participants. John Keiser, STDC, asked why the 2010 Census populations were not used. Populations were recorded from U. S. Census Bureau sites, some 2010 information will not be posted until March 2012. No changes to the data sheet were recommended at this time. *Prior to submitting the Plan to the FCC, the U. S. Census site should be checked for 2010 populations.*
 - c) Review and note corrections on the Region 53, 700 MHz Plan: Derrick asked for recommended changes to the Plan starting with Section 1.0 through the complete document. Recommendations to the Plan were:
 - i) Section 2.3 Operations of the Regional Planning Committee: Terri Niemietz, Converse PD, asked why the approved Bylaws changes were not incorporated into the Plan. The Bylaws changes have been incorporated into the Plan version being reviewed. *Future Plan changes will be dated and posted to retain version control.*
 - ii) Section 2.4 Dispute Resolution – Intra-Regional: It was suggested to change the word secretary which appeared twice in the 1st paragraph to Vice-chairman.
 - iii) Section 2.5 Dispute Resolution – Inter-Regional: This process will be implemented if adjacent region communications are impacted by a Region 53 channel assignment or vice versa.
 - iv) Section 3.2: Limited Area Operations: Nick Falgiatore, L. R. Kimball, explained that only General Use frequencies could be used for limited area operations. Nick agreed to submit recommendations for this section.
 - v) Section 3.5 Orphan Channel: Nick discussed his recommended changes for this section.
 - vi) Section 3.6 Procedure for Requesting Channel Assignments: Nick recommended modifying paragraph A. to read - *"Upon FCC approval of this plan, the chairman will announce the opening of an initial filing window for a 30 day period, and that specific channels have been allotted to each county area in the region. All available methods will be used to notify public safety entities of the filing window and channel availability in the region (see Section 2.2). Subsequent filing windows will be established at 6 month intervals with each open for 30 days."*
 - vii) Section 3.7 Mexico Border Issues: Nick discussed his recommended changes for this section.
 - viii) Section 4 Priority Matrix: An open discussion of this section agreed that priorities were vague and this section should define a tight structured process. Nick agreed to provide recommendations.
 - ix) Section 7.1 Interference Protection: An open discussion of this section agreed that we need to clarify interference protection requirements, a propagation model needs to be defined, and a sample propagation study should be provided.
 - x) Section 7.3 System Loading Criteria: An open discussion of this section led to use of 1 talk-path channel or 2 talk-path channels, Don Nattinger, City of Corpus Christi, recommended leaving this as it currently stands. Robert Adelman suggested the language be structured to not give unfair advantage to existing 800 MHz systems. Nick to submit recommendations for Section 7 System Design/Efficiency Requirements, including 7.1 through 7.5.
All recommended changes discussed at this meeting will be made to the Plan and reviewed at the next meeting.
 - d) Review and note corrections for Appendix E: Pre-assignment Rules: This is the recommended technical criteria. Jim Judd moved to adopt Appendix E as is; the motion was seconded by Robert Adelman, all agreed.
 - e) Review and note corrections for Appendix F: 25 KHz County Channel Assignments: This is a CAPRAD generated report using the CAPRAD 25 KHz channel sort for each county. Robert Adelman moved to accept the report as is, Michael Quinn seconded the motion, all agreed.
 - f) Review and note corrections for Appendix G: Inter-Regional Coordination Procedures and Procedures for Resolution

of Disputes: This is an agreement with adjacent Regions regarding channel assignments that may impact adjacent region communications. Terri Niemietz, Converse Police Dept. moved to accept as is, the motion was seconded by Chief Echols, all agreed.

- g) Review and note corrections for Appendix H: Application Process Diagram: Jim Judd moved to accept as is, Chief Echols seconded the motion, all agreed.
- h) Review and discuss Appendix J: 700 MHz Protocol with Mexico: Chief Echols moved to include this in the Plan, the motion was seconded by Robert Adelman, all agreed.

7) Old Business: None.

8) New Business: The RPC discussed having all documentation approved and ready to submit to the FCC by the March 2012 meeting.

9) Opportunity for public comment: None

10) Next meetings recommended schedule:

- a) Thursday, December 8, 2011 – Alamo Area COG, San Antonio
- b) January 2012, Golden Crescent Regional Planning Commission, Victoria, TX
- c) March 2012, South Texas Development Council, Laredo, TX

Terri asked if we should be following the meeting schedule established in the Bylaws. Robert Adelman explained that at this point we are scheduling meetings throughout the region to encourage public safety involvement and complete and submit the Plan for approval. Changes to the schedule were recommended (see below). Jim Judd moved to adopt the new schedule, Michael Quinn seconded the motion.

- a) Thursday, December 8, 2011 – Alamo Area COG, San Antonio
- b) January 12, 2012, Golden Crescent Regional Planning Commission, Victoria, TX
- c) March 1, 2012, Alamo Area COG, San Antonio
- d) June 2012, South Texas Development Council, Laredo, TX

11) Meeting adjourned.

Region 53 700 MHz Planning Committee Minutes for January 12, 2012 Meeting

- 1) Welcome to Victoria and the Golden Crescent Regional Planning Commission (GCRPC):
--Richard Morales opened meeting; Carl Voskamp, EMS Coordinator, Victoria College, GCRPC welcomed all.
 - a) Update on DPS organization and activities:
--Todd Early, TxDPS, SWIC, (via WebEx) thanked all for important work; he has been appointed as SWIC; TxICC and SCIP work will continue; he and Mike Barney are available; SCIP Workshop 3/6/12.
- 2) Call to order and welcome to all present and conference bridge attendees: *--Richard Morales, Region 53 Chair.*
- 3) County roll call and teleconference self-introductions (name and phone number): *--Richard Morales called roll: 43 participated in the meeting; attendance by County was: 6-Bexar, 3-Comal, 1-Gillespie, 1-Kerr, 2-DeWitt, 2-Goliad, 1-Jackson, 1-Lavaca, 6-Victoria, 1-Hidalgo, 1-Webb, 1-State, 3-Public; 17-WebEx.*
- 4) Approval of agenda: *--Robert Adelman moved to approve agenda, Randy Ashley seconded motion, and agenda was approved.*
- 5) Review and approve previous meeting minutes: *--Robert Adelman moved to approve 11/3/11 Minutes, Randy Ashley seconded motion, and Minutes were approved.*
- 6) Review and approval of Plan revisions:
 - a) Plan: Review and approve recommended revisions (pending correct formatting and page numbers): *--Richard Morales led review and discussion of Plan revisions.*
 - b) Appendices approved at previous meetings:
A – Bylaws, E – Pre-assignment Rules, F – 25 KHz County Channel Assignments report, G – Inter-Regional Coordination Procedures and Procedures for Resolution of Disputes, H – Application Process Diagram, and J – 700 MHz Protocol with Mexico (approval pending addition of agendas and minutes from 1/12 and 3/1 meetings)
 - c) Appendices to be reviewed at January 12, 2012 meeting:
 - i) B – Membership List (approval requested pending revised Membership List)
 - ii) C – Adjacent Regions Letters of Concurrence (approval requested pending response from adjacent regions), First Meeting Notifications, Public Notices, Agendas, Minutes, Region 53 Master Contact List
 - iii) D – Texas Interoperability Guide
 - iv) K – Certification of Open Meetings
--Richard Morales led review and discussion of Appendices B, C, D, and K.
 - v) L – Propagation Model Calibration Map
 - vi) M – Sample Propagation Maps
 - vii) N – Application Check List
--Nick Falgiatore led review and discussion of Appendices L, M, and N.
--Richard Morales called for approval of Plan and Appendices with noted stipulations. Randy Ashley moved to provide a 10 day period for additional review and comment of Plan and Appendices. Concerns must be sent to Richard Morales and Carol Sutherland by 1/22/12, otherwise the Plan will be sent to the adjacent regions by 1/27/12. Robert Adelman moved to approve Plan and Appendices with suggested stipulations, Jim Judd seconded motion, motion approved. Doug Frankhouser, Region 51 Chairman advised Region 51 RPC will review the Plan as quickly as possible.
- 7) Old Business:
 - a) The COG/County POC list (located on NIIX in the Planning Workbook) will be purged after the January 12, 2012 meeting. All those who have attended any meeting or participated via WebEx will convert to the Region 53 Membership List, Appendix B. If you know of individuals that should remain on this, or who should be put on the list, please send that information to carol.sutherland@dps.texas.gov.
--Robert Adelman recommended sending one last email to all 600+ on Master Contact List with new instructions. Recommendation accepted.
 - b) If your phone number is not displayed on the sign-in sheet, please note it for the Region 53 Master Contact List.
--Richard Morales requested all review and add all requested information to the sign-in sheets.
 - c) Plan submittal timeline:
 - (1) 1/12/12 – final approval of Plan and Appendices package to send to adjacent regions for approval.
 - (2) 3/1/12 – final approval of Plan and Appendices package to send to FCC for approval, and post on CAPRAD.
--Richard Morales reviewed the timeline, all agreed to the process.
- 8) New Business:
 - a) FCC PN “800 MHz Rebanding Negotiation Period for Wave 4 Border Area NSPAC and Non-NSPAC Licensees along the U. S. Mexico Border”.
--Richard Morales reviewed the Public Notice, and advised that we would post the PN on NIIX.
 - b) Future meeting notices via NIIX.org.
--Daniel Simons recommended using the NIIX list-serve for meeting notifications. Recommendation accepted.
- 9) Opportunity for public comment. –None
- 10) Next meetings scheduled:
 - a) March 1, 2012 - 1st Annual Meeting @ AACOG
 - b) June 7, 2012 – 1st Quarterly meeting @ South Texas Development Council, Laredo, TX
 - c) September 6, 2012 – Quarterly meeting
 - d) December 6, 2012 – Quarterly meeting
- 11) Meeting adjourned.

Region 53 700 MHz Planning Committee Minutes for January 12, 2012 Meeting

1. Welcome to San Antonio and the Alamo Area Council of Governments... *Richard Morales (RM), Region 53 Chair, opened the meeting; Mary Ruiz, AACOG, welcomed all.*
2. Update on DPS organization, activities and new State Legislative Liaison... *Mike Barney, DPS Technical Coordinator provided an update on the Public Safety LTE Broadband Legislation; advised "it is extremely important to continue to support LMR and 700MHz NB since LTE does not support mission critical voice; be cautious before investing in LTE since the required standards are not yet available – wait on standards"; and announced that Joe Peters, SCIP Technology Advisor, was now with DPS as the Legislative Liaison.*
3. County roll call and teleconference self-introductions ...*RM called roll: 29 participated in the meeting on-site and via WebEx; attendance by county was: Bandera-1, Bexar-6, Comal-3, Gillespie-1, Guadalupe-1, Kerr-1, Nueces-5, Hidalgo-1, Uvalde-1, Webb-1, State/Federal-3, and Public-5.*
4. Approval of agenda... *RM presented the meeting agenda; Jim Judd, Gillespie Co. moved to approve the agenda; Robert Adelman, Bexar Co, seconded motion; agenda was approved.*
5. Review and approve previous meeting minutes... *RM advised the meeting minutes were posted on NIIX for review; Jim Judd moved to approve the minutes; Robert Adelman seconded the motion; minutes were approved.*
6. Discussion of Plan and Appendices... *RM advised signed Plan Agreements had been received from adjacent regions 49, 50, we are still awaiting confirmation from Region 51; RM asked for any concerns from the Region 53 RPC members, no concerns were voiced.*
7. Final approval of Region 53 Plan and Appendices to submit to the FCC (pending addition of March 1 meeting agenda and minutes, updating Appendices B - Membership List, C5 - Master Contact List, and correct formatting and page numbers)... *RM advised that a list of all Appendices, Attachments and all Plan documentation is complete with the exception of today's meeting and was available for review on NIIX prior to this meeting. We are using the current version of the Texas Statewide Interoperability Plan for Appendix D, although a new version will be out soon; RM asked for approval of the complete Region 53 Plan; Robert Adelman moved to approve the Plan; Randy Ashley, McAllen, seconded motion; the plan was approved.*
8. Old Business:
 - Please register at www.NIIX.org for future Region 53 notifications... *RM advised the Region 53 contact list on NIIX will be used for meeting notifications and other Region 53 business; Donna Johnson, AACOG, demonstrated how to register on NIIX and access the Region 53 Community, and the Region 53 700MHz Plan documents.*
9. Plan submittal timeline... *RM advised the Plan will be formatted for submittal to the FCC and placed on CAPRAD within the next two weeks, pending receipt of signed Plan Agreements from Region 51.*
10. New Business:
 - McAllen application... *Randy Ashley updated the RPC on the FCC STA license submitted for the Rio Grande Border/Cross Border Communications Project.*
 - CAPRAD FCC License Application Review... *Nick Falgiatore, L. R. Kimball, reviewed the FCC licensing process on CAPRAD, discussed handling Orphan Channels, and demonstrated how to locate available frequencies for licensing.*
 - La Joya ISD PD request...*RM reviewed the letter for 700 MHz frequencies and recommended sending a letter to La Joya stating applications will be evaluated after the Plan is approved and attaching a copy of Appendix N.*
11. Opportunity for public comment... *None*
12. Next meetings scheduled... *RM discussed locations for next meetings:*
 - June 7, 2012 – 1st Quarterly meeting @ South Texas Development Council, Laredo, TX
 - September 6, 2012 – Quarterly meeting... *do we want to go back to South Padre Island?*
 - December 6, 2012 – Quarterly meeting... *do we have any volunteers to host this meeting?*
13. Meeting adjourned.

Region 53 San Antonio, South Texas
Master Contact Mailing List

Region 53 700MHz Plan**Appendix C5: Master Contact Mailing List**

The Appendix C5 list of public safety contacts was developed from information provided by: Sheriff's Association of Texas, Texas Department of Public Safety, Southwest Border Communications Working Group, Texas Association of Regional Councils, Alamo Area Council of Government (COG), Coastal Bend COG, Golden Crescent Regional Planning Commission (COG), Lower Rio Grande Valley Development Council (COG), Middle Rio Grande Development Council (COG), and South Texas Development Council (COG). This list includes contact information for more than 600 Public Safety persons.

Meeting invitations were sent to all contacts via U. S. Mail and/or email. The master list has been revised to include new folks as they were identified.

The contacts are listed by Council of Government/ County, State and Federal agencies, and the public.

After the 4th RPC meeting, the master list was purged to active members, County Sheriffs, and those requesting continued membership. See Appendix B for

Alamo Area Council of Governments Mailing List

County	LastName	FirstName	Title	Agency	Address	City		Zip
AACOG	Quinn	Michael	Public Safety Dir.	AACOG	8700 Tesoro, Ste. 600	San Antonio	TX	78217
			Homeland Security - 911					
AACOG	Ruiz	Mary	Mgr	AACOG	8701 Tesoro, Ste. 600	San Antonio	TX	78217
AACOG	Cohen	Adrienne	HLS Coord.	AACOG	8702 Tesoro, Ste. 600	San Antonio	TX	78218
AACOG	Johnson-Valiente	Donna	HLS Data Tech	AACOG	8702 Tesoro, Ste. 600	San Antonio	TX	78217
ATASCOSA	Williams	Tommy	Sheriff	Sherriff's Office	1108 Campbell Ave.	Jourdanton	TX	78026
Atascosa Co.	Garris	Charles	EMC		711 Oak Street	Jourdanton	TX	78026
Atascosa Co.	Kaiser	Eric	EMC	Jourdanton	711 Oak Street	Jourdanton	TX	78026
BANDERA	Reed	Carey	EMC		3360 State Highway 173 N	Bandera	TX	78003
Bandera			Sheriff	Sherriff's Office	P.O.Box 607	Bandera	TX	78003-0607
			Communications					
BEXAR	Essman	Shon	Services	CPS Energy	326 W. Jones	San Antonio	TX	78215
			Communications					
Bexar	Serna	Angel	Supvr	CPS Energy	327 W. Jones	San Antonio	TX	78216
			Public Satety					
Bexar	Adelman	Robert	Communications Mgr	Bexar Co. S O	203 W. Nueva, Ste 3.09	San Antonio	TX	78207
Bexar	Ortiz	Amadeo	Sheriff	Sherriff's Office	200 N. Comal St.	San Antonio	TX	78207-3505
Bexar	Lampright	Scott	EMC		8130 Inner Circle Rd.	San Antonio	TX	
Bexar	Dean	Jeffrey	Assist. EMC	San Antonio OEM	Po Box 839966	San Antonio	TX	78283
BEXAR	Morales	Richard	IT Mgr, Radio Svcs	San Antonio ITSD	Po Box 839966	San Antonio	TX	78283

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Bexar	Lopez	Chris	Chief Investigator, Comms Mgr.	Co. Fire Marshal	622 Dolorosa	San Antonio	TX	78207
Bexar	Coleman	Ross	EMC	<i>China Grove</i>	622 Dolorosa	San Antonio	TX	78207
Bexar	Carroll	A.D.	EMC	<i>Elmendorf</i>	P.O. Box 247	Elmendorf	TX	78112
Bexar	Padalecki	Larry	EMC	<i>Saint Hedwig</i>	P.O. Box 337	St Hedwig	TX	78152
Bexar	Kuhn	Buddy	EMC	Alamo Heights	6116 Broadway	San Antonio	TX	78209
Bexar	Shipley	James	EMC	Balcones Heights	3300 Hillcrest Dr.	San Antonio	TX	78201
Bexar	Riedel	Gerald	EMC	Castle Hills	209 Lemonwood Dr.	San Antonio	TX	78213
Bexar	James	Allen	EMC	Converse	707 S. Seguin	Converse	TX	78109
Bexar	Niemietz	Terri	Communications Supvr	Converse PD	402 S. Seguin, P.O.Box 36	Converse	TX	78109
Bexar	Rhener	Rex	Asst. Chief	Converse PD		Converse		
Bexar	Christian	Raymond	Assist. FC	Converse FD	107 Station Street	Converse	TX	78109
Bexar	Butrico	John	EMC	Hill Country Village	#2 Mecca Dr.	Hollywood Park	TX	78232
Bexar	Houlton	Bryce	EMC	Kirby	115 Bauman	Kirby	TX	78219
Bexar	Bois	Kevin	Chief	Kirby PD	4130 Ackerman Road	Kirby	TX	78219
Bexar	Lee	Robert	EMC	Leon Valley	6460 El Verde	Leon Valley	TX	78238
Bexar	Walker	Derrick	Radio System Mgr	Live Oak Police Dept.	8022 Shin Oak Drive	Live Oak	TX	78233-2413
Bexar	Echols	Ron	Chief	Live Oak Police Dept.	8022 Shin Oak	Live Oak	TX	78233-2413
Bexar	Woppert	Gary	EMC	Live Oak	8001 Shin Oak	Live Oak	TX	78233
Bexar	Ladewig	James	EMC	Olmos Park	119 W. El Prado	San Antonio	TX	78212
Bexar	Trevino	Lawrence	EMC	San Antonio	8130 Inner Circle	San Antonio	TX	78235
Bexar	Hall	Sid	Chief	Selma Police Dept.	9375 Corporate Drive	Selma	TX	78154
Bexar	Zuniga	Albert	Capt.	Selma Police Dept.	9375 Corporate Dr.	Selma	TX	78154
Bexar	Braun	Rick	EMC	Selma	9375 Corporate Dr.	Selma	TX	78154
Bexar	Stewart	Curtis	Chief	Shavano Park Police Dept.	900 Saddletree Court	Shavano Park	TX	78231
Bexar	Naughton	Mike	EMC	Shavano Park	15604 NW Military	San Antonio	TX	78231
Bexar	Whitlock	Greg	Chief	Terrell Hills Police Dept.	5100 N. New Braunfels Ave.	San Antonio	TX	78209
Bexar	Seibert	Justin	EMC	Terrell Hills	5100 N. New Braunfels	San Antonio	TX	78209
Bexar	Silva	Jacqueline	EMC	Von Ormy	P.O. Box 10	Von Ormy	TX	78073
Bexar	McVay	R. Lee	EMC	Castroville	411 London Street	Castroville	TX	78009
Bexar	Flores	Robert	EMC	Devine	303 S. Teel	Devine	TX	78016
Bexar	Fousse	Timothy	EMC	Hondo	1101 16th Street	Hondo	TX	78861

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Bexar	Priest	Richard	Chief	Lytle Police Dept.	P.O. Box 743	Lytle	TX	78052
Bexar	Miller	Douglas	Lt. Col.	Kelly A.F.B	205 Duncan Drive	Kelly A.F.B.	TX	78241-5000
Bexar	Page	John	Chief	Northside ISD P.D.	5619 Grissom Road	San Antonio	TX	78238
Bexar	Castaneda	George	Chief	Northeast ISD Police Dept.	10333 Broadway	San Antonio	TX	78217
Bexar	Solis	Fred	Chief	Olmos Park Police Dept.	119 W. El Prado Drive	San Antonio	TX	78212
Bexar			Chief	Our Lady Of The Lake Univ. P.D.	411 S.W. 24th Street	San Antonio	TX	78207
Bexar	Gruchacz	John	Chief	S.A. Airport Police Dept.	9800 Airport Blvd.	San Antonio	TX	78216
Bexar	McManus	William	Chief	San Antonio Police Dept.	P.O. Box 839948	San Antonio	TX	78283
Bexar	Page	J.	Capt.	S.A.P.D.	PO Box 839948	San Antonio	TX	78283
Bexar	Rendon	Rudolph	Chief	San Antonio ISD P.D.	1702 N. Alamo, #101	San Antonio	TX	78215-1213
Bexar	Gomez	Gabriel	Chief	Somerset ISD Police Department	7650 S. Loop 1604 West	Somerset	TX	78069
Bexar	Baumn	Steve	Chief	San Antonio Park Police	600 Hemisfair Park, #337	San Antonio	TX	78205
Bexar	Garcia	Robert	Chief	South San Antonio ISD P.D.	2515 Bobcat Lane	San Antonio	TX	78224
Bexar	Palomo	Richard	Chief	Southside I.S.D.	1460 Martinez-Lasoya Rd.	San Antonio	TX	78221
Bexar	Vasque	Eddie	Chief	Southwest ISD Police Dept.	11914 Dragon Lane	San Antonio	TX	78252
Bexar	Glowacki	Paul	Chief	St. Mary's University P.D.	1 Camino Santa Maria Box 70	San Antonio	TX	78228
Bexar	Rutkowski	Ronnie	Coms Mgr	Schertz Police Dept.	1400 Schertz Pkwy	Schertz	TX	78155
Bexar	Noegle	Garry	Chief	Schertz/Cibola/UC ISD P.D.	1060 Elbel Road	Schertz	TX	78154
Bexar	Bush	James	Chief	Somerset Police Department	7360 E. 6th Street	Somerset	TX	78069-4409
Bexar	Chapa	Paul	Chief	Trinity University P.D.	715 Stadium Drive	San Antonio	TX	78212
Bexar	Coleman	J. Eric	Chief	Texas A&M University S.A.	1450 Gillette Blvd.	San Antonio	TX	78114
Bexar	Hambrick	P.C.	Chief	TX Lutheran College P.D.	1000 W. Court Street	Seguin	TX	78155
Bexar	Rowe	Robert	Asst. Dir.	U.S. Dept. of Homeland Security	70 NE Loop 410, Ste 1000	San Antonio	TX	78216
Bexar	Bratten	Robert	Chief	U.T.H.S.C. Police Dept.	7703 Floyd Curl Drive, M.C. 7953	San Antonio	TX	78229-3900
Bexar	Cindy	Cantu	Comms Supvr	U.T.S.A. Police Dept.	One UTSA Circle	San Antonio	TX	78249
Bexar	Wallace	Ross	EMC	Universal City	2160 Universal City Blvd	Universal City	TX	78148
Bexar	Vaughn	Jeff	FC	Universal City	2150 Universal City	Universal City	TX	78148
Bexar	Elder	Wendy	Communications Supvr	Universal City PD	2150 Universal City Blvd	Universal City		78148
Bexar	Speer	Gary	Chief	Universal City Police Dept.	2150 Universal City Blvd.	Universal City	TX	78148

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Bexar	Sandoval III	A.J.	Chief	University Hospital	4502 Medical Drive	San Antonio	TX	78229
Bexar	Chilcutt	Cory	Chief	VIA Police Dept.	800 W. Myrtle	San Antonio	TX	78212
Bexar	Pabon	Joe	Chief	Windcrest Police Dept.	8501 Midcrown	San Antonio	TX	78239
Bexar	Palomo	Richard B.	Chief	Southside ISD Police Dept.	1460 Martinez-Losoya	San Antonio	TX	78221
Bexar	Fletcher	Larry	Patrolman	Judson ISD PD	202 School	Converse	TX	
Bexar	Martinez	Isace	Patrolman	Judson ISD PD	202 School	Converse	TX	
COMAL	Edgett	Carol	EMC	Comal County Comal County Sheriff's Office	150 N. Sequin 3005 W San Antonio St	New Braunfels	TX	78130
Comal	Holder	Bob	Sheriff		3005 W San Antonio St	New Braunfels	TX	78130
Comal	Miller	James	Comm. Sgt.	Comal County SO	3005 W San Antonio St	New Braunfels	TX	78130
Comal	Wrenn	Derek	Assist. Fire Chief	New Braunfels FD	424 S. Castell	New Braunfels	TX	78130
Comal	Eliot	Mark	Captain EMS Officer	New Braunfels FD	169 S. Hill	New Braunfels		78130
Comal	Anz	Bill		Bracken FD	23600 FM 3009	Bracken	TX	78266
Comal	Ivy	Charlie	Chief	Bulverde Area FD Bulverde-Spring Branch EMS	30240 Courgar Bend 353 Rodeo Dr	Bulverde	TX	78163
Comal	Wilkinson	Scott	Chief		353 Rodeo Dr	Spring Branch	TX	78070
Comal	Johnson	Gary	Deputy Chief	Garden Ridge PD	9400 Municipal Parkway	Garden Ridge	TX	78266
Comal	Beaudoin	Dustin	Chief	Spring Branch VFD	P.O. Box 601	Spring Branch	TX	78070
Comal	Haecker	Gary	Lt	Bulverde PD	30360 Cougar Bend	Bulverde	TX	78163
Comal	Wherry	Shawn	Chief	Canyon Lake FD	1074 Scissortail	Canyon Lake	TX	78133
Comal	Penshorn	Michael	Captain	New Braunfels PD	1488 S Seguin Ave	New Braunfels	TX	78130
Comal	Robinson	John	Fire Chief	New Braunfels FD	424 S Castell Ave	New Braunfels	TX	78130
Comal	Hamilton	Joe	Chief	Bulverde PD	30360 Cougar Bend	Bulverde	TX	78163
Comal	O'Conner	Donna	Chief	Garden Ridge PD	9400 Municipal Parkway	Garden Ridge	TX	78266-2600
Comal	Wibert	Thomas	Chief	New Braunfels PD	1488 S Seguin	New Braunfels	TX	78130
FRIO	Maldonado	Ed	EMC		500 E. San Antonio, #5	Pearsall	TX	78061
Frio	Reyna	Jerry	Sgt	Frio County SO	502 Cedar St	Pearsall	TX	78061
Frio	Martinez	Henry	830-334-4169	Pearsall PD	211 S Oak	Pearsall	TX	78061
Frio	Gonzalez	Melissa	830-965-1624	Dilley PD	P.O. Box 230	Dilley	TX	78017
Frio	Trevino	Lionel	Sheriff	Frio County Sheriff's Office	502 S. Cedar	Pearsall	TX	78061
Frio	Vasquez, Jr.	Johnny	Chief	Dilley Police Department	P.O. Box 227	Dilley	TX	78017
Frio	Hernandez	Roland	Chief	Pearsall Police Department	127 W. Davila	Pearsall	TX	78061
GILLESPIE	Culpepper	John	EMC		126 W. Main St.	Fredericksburg	TX	78624

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Gillespie	Mills	Buddy	Sheriff	Sherriff's Office	1601 E. Main St.	Fredericksburg	TX	78624
Gillespie	Judd	Jim	Gillespie SO	Gillespie County SO	1601 E Main	Fredericksburg	TX	78624
Gillespie	Oestreich	Paul	Chief	Fredericksburg Police Department	1601 E. Main	Fredericksburg	TX	78624
Gillespie	Geistweidt	Mark	Fire Chief	Doss VFD	2369 Mnor Road	Doss	TX	78618
Gillespie	Tittle	John	Fire Chief	Harper EMS	226 N. Rolling Oaks	Harper	TX	78631
Gillespie	Nielsen	Bradley	Fire Chief	Stonewall VFD	2250 Hahn Road	Stonewall	TX	78671
Gillespie	Rabke	Stanley	Fire Chief	Willow City VFD	3875 Eckert Road	Willow City	TX	78675
Gillespie	Olfers	Steve	Fire Chief	Fredericksburg FD/EMS	124 W Main	Fredericksburg	TX	78624
Gillespie	Marker	Ed	Chief	Tierra Linda	406 Oak Alley	Kerville	TX	78028
GUADALUPE	Kinsey	Dan	EMC		311 Donegan	Seguin	TX	78155
Guadalupe	Outlaw	Glen		Schertz FD	1400 Schertz Pkwy	Schertz	TX	78154
Guadalupe	Zwicke	Arnold	Sheriff	Sherriff's Office	2617 N. Guadalupe St	Seguin	TX	78155
Guadalupe	Strey	Kurt	EMC	<i>New Berlin</i>	307 W. Court St.	Seguin	TX	78155
Guadalupe	Dreiss	Greg M.	EMC	<i>Seguin</i>	211 N. River St.	Seguin	TX	78155
Guadalupe	Mabbitt	Jason	EMS	<i>Schertz</i>	1400 Schertz Pkwy Drawer I 1404 Schertz Pky, Bldg C	Schertz	TX	78154
Guadalupe	Todd	Beverly	EMC	Schertz		Schertz	TX	78154
Guadalupe	Plaid	Anthony	Chief	Marion Police Department	P.O. Box 158	Marion	TX	78124
Guadalupe	Kelso	Kevin	Chief	Seguin Police Department	350 North Guadalupe St.	Seguin	TX	78155
Guadalupe	Cox	Gary	Chief	Cibolo PD	P.O.Box 820	Cibolo	TX	78108
Guadalupe	Meeley	Tom	Sherif Communications	Guadalupe SO/ Marion	2617 N Guadalupe St	Seguin	TX	78155
Guadalupe	Rangel	Cynthia	Supervisor	Seguin PD	410 N Camp	Seguin	TX	78155
Guadalupe	Bissette	William	Director	Seguin Utilities	PO Box 591	Seguin	TX	78155
Guadalupe	Perez	Ruben	Director	Seguin Public Works	PO Box 591	Seguin	TX	78155
KARNES	DuPnik	Shelby	EMC		125 Blue Bonnet	Kenedy	TX	78119
Karnes	Jalufka	David	Sheriff	Sherriff's Office	113 N. Panna Maria	Karnes City	TX	830-780-3931
Karnes	Dziuk	Raymond	EMC	<i>Falls City</i>	307 Graham Rd	Kenedy	TX	78119
Karnes	Garza	Randy, Mayor	EMC	<i>Kenedy</i>	303 West Main	Kenedy	TX	78119
Karnes	DuBose	Duane	Chief	City of Kennedy	221 West Main	Kenedy	TX	78119
Karnes	Salas	Roel	Chief	Karnes City Police Department	211 E Calvert	Karnes City	TX	78118-3212
KENDALL	Fincke	Jeffrey	EMC, Cty Fire Marshall	Kendall Couty	1175 N. Main	Boerne	TX	78006

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Kendall	Mattick	Mark	EMC	Boerne	PO Box 1677	Boerne	TX	78006
Kendall	Meckel	Doug	Fire Chief	Boerne FD	726 N Main	Boerne	TX	78006
Kendall	Eihholt	Adam	Fire Chief	Comfort FD	224 W FM 473	Boerne	TX	78006
Kendall	Moore	David	Fire Chief	Kendalia FD	2607 FM 473	Boerne	TX	78006
Kendall	Langbein	Larry	Fire Chief	Sisterdale FD	1207 FM 1376	Boerne	TX	78006
Kendall	Treiber	Ralph	Fire Chief	Waring FD	3 Waring Rd	Boerne	TX	78006
Kendall	Flores	David	Com Mgr	City of Boerne	124 Old San Antonio	Boerne	TX	78006
Kendall	Mann	Mike	Public Works	City of Boerne	402 E Blanco	Boerne	TX	78006
Kendall	Hoffstadt	Jeff	Fire Chief	Bergheim FD	1 Old Curry Creek	Boerne	TX	78006
Kendall	Duncan	Roger	Sheriff	Kendall County Sheriff's Office	840 E.Adler	Boerne	TX	78006
Kendall	King	Matt	Chief	Kendall County PD	#6 Staudt St.	Boerne	TX	78006
Kendall	Miller	Gary	Chief	Boerne PD	114 Spring	Alamo Springs	TX	78013
KERR	Ojeda	Robert	EMC		87 Coronado Dr	Kerrville	TX	78028
Kerr	Hierholzer	Rusty	Sheriff	Sherriff's Office	400 Clearwater Paseo	Kerrville	TX	78028
Kerr	Beavers	Mark	Fire Training Officer	Kerr FD/EMS	87 Coronado Dr	Kerrville	TX	78028
Kerr	Wendling	Jeff	Captain	Kerrville PD	429 Sidney Baker	Kerrville	TX	78208
Kerr	Barton	Clay	Chief Deputy	Kerr County SO	400 Clearwater Paseo	Kerrville	TX	78028
Kerr	Zachry	Rowan	Marshal	Ingram Marshal	226 Hwy 39	Ingram	TX	78025
Kerr	Young, Jr.	John	Chief	Kerrville Police Department	429 Sydney Baker St.	Kerrville	TX	78028-4551
MEDINA	Beck	Wesley	EMC		801 Ave. Y	Hondo	TX	78861
Medina	Brown	Randy	Sheriff	Medina County Sheriff's Office	801 Ave Y	Hondo	TX	78861
Medina	McVay	Lee	Chief	Castroville PD	411 London St.	Castroville	TX	78009
Medina	Flores	Robert	Chief	Devine PD	303 South Teel	Devine	TX	78016
Medina	Martinez	John	Chief	Hondo Police Department	1101 16th Street	Hondo	TX	78861
Medina	Barden	James, Judge	EMC	La Coste	1100 16th Street, Room 101	Hondo	TX	78861
Medina	Gonzales	Richard	Chief	La Coste Police Department	P.O. Box 112	La Coste	TX	78039
Medina	Ortiz	Alfred	Chief	Natalia Police Department	P.O. Box 270	Natalia	TX	78059-0270
WILSON	Hosek	LeAnn	EMC	Wilson Co.	800 Tenth St., Bldg B	Floresville	TX	78114
Wilson	Tackitt	Joe	Sheriff	Sherriff's Office	800 Tenth	Floresville	TX	78114
Wilson	Evins	Jesse	EMC	Floresville	1120 D st.	Floresville	TX	78114
Wilson	Jendrzey	Lambert	EMC	Poth	200 N. Carrol St/POB 579	Poth	TX	78147

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Wilson	Baker	Edwin	EMC	Stockdale	PO Box 659	Stockdale	TX	78160
Wilson	Scheel	Jason	Chief	La Vernia VFD	PO Box 55	La Vernia	TX	78121
Wilson	Ortiz	Lorenzo	Fire Chief	Floresville FD	730 Golliad Rd	Floresville	TX	78114
Wilson	Engelke	Bruce	Chief	Kicaster FD	PO Box 894	Adkins	TX	78101-0894
Wilson	Barnes	William	Chief	Sutherland Springs FD	PO Box 710	Sutherland Springs	TX	78161
Wilson	Schriber	Ed and Shirley	Fire Chief	Eagle Creek VES	127 S Palo Alto	Floresville	TX	78114
Wilson	Ortman	Randy	Chief	Three Oaks FD	6689 FM 541 W	Floresville	TX	78114
Wilson	Rice	David	President	Stockdale EMS	111 State Hwy 123 N	Stockdale	TX	78160
Wilson	Hernandez	Mary	Director	Wilson County EMS	PO Box 595	Floresville	TX	78114
Wilson	Rye	Ronnie/Marion	President	La Vernia EMS	PO Box 308	La Vernia	TX	78121
Wilson	Almager	Chris	Chief	Nixon Police Department	P.O. Box 356	Nixon	TX	78140
Wilson	Herrera	Lorenzo	Chief	Floresville PD	920 C Street	Floresville	TX	78114

Coastal Bend Council of Governments Mailing List

County	Last Name	First Name	Title	Agency	Mail Address	Bs. City	St	Zip
Jim Wells	Alanis	Wally	EMC	Jim Wells Cnty	PO Box 374	Orange Grove	TX	78372
Bee	Alvarez	Jeorge	Director	Angel Care EMS	P O BOX 1293	Beeville	TX	78102
Aransas	Arnold	Patricia	Director	Aransas County EMS	400B Enterprise Blvd	Rockport	TX	78382
San Patricio	Bacon	Delores	Public Health	San Patricio Cnty	311 N. Rachel Street	Sinton	TX	78387
Nueces	Badaraceo	Richard	Chief	Corpus Christi PD	321 John Satain St	Crps Christi	TX	78401
Bee	Bagwell	C.	Chief	Tuleta FD	PO Box 291	Tuleta	TX	78162
Jim Wells	Barajas	Henry	Chief	Sandia	PO Box 150	Sandia	TX	78383
Duval	Bazan	Leo	Contact	Benavides EMS	PO Drawer R	Benavides	TX	78341
Brooks	Benavides	Gonzalo	Fire Chief/EMC	Falfurrias FD	300 N. Miller Road	Falfurrias	TX	78355
Nueces	Bluntzer	Lloyd	Chief	Bluntzer FD	PO Box 260176	Crps Christi	TX	78426-0176
Refugio	Bolcik	Robert	Sheriff	RCSO	P. O. Box 1022	Refugio	TX	78377-1022
Bee	Bowhac	Allen	Fire Chief	Skidmore	PO Box 555	Skidmore	TX	78389
Nueces	Brown	Johnny	Chief	Robstown PD	430 E. Mani St	Robstown	TX	78380
Nueces	Budge	Nan	Contact	Driscoll Childrens Hosp EMS	PO Box 6530	Crps Christi	TX	78466
Jim Wells	Bueno	Daniel	Chief	Alice PD	415 E Main St.	Alice	TX	78332
San Patricio	Burnett	Steve	Fire Marshal	Ingleside VFD	2910 Leopard	Corpus Christi	TX	78469

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Nueces	Burroughs	Scott	Police Chief/EMC	Port Aransas	710 W. Avenue A	Port Aransas	TX	78373
Live Oak	Busby	Larry	Sheriff	LOCSO	200 Larry R Busby Dr.	George West	TX	78022
San Patricio	Bynum	Stan	Chief/EMC	Ingleside PD	2425 Eighth ST	Ingleside	TX	78362
Nueces	Carr	Joseph	EMC	City of Bishop	PO Box 356	Bishop	TX	78343
Bee	Carrizales	Carlos	Sheriff	BCSO	1511 E. Toledo St.	Beeville	TX	78102
Live Oak	Chapline	Gene	EMC	County	PO Box 70	George West	TX	78022
Nueces	Clack	Michael	Chief	Annaville Fire/EMS	11551 Leopard ST	Crps Christi	TX	78410
Live Oak	Clifton	Lloyd	Chief	George West FD	Drawer F	George West	TX	78022
Kleberg	Colson	Billy	Chief	Kleberg Cnty FD	PO Box 367	Riveria	TX	78379
Nueces	Corral	Rudy	Chief	Augua Dulce FD	PO Box 416	Agua Dulce	TX	78330-0416
San Patricio	Cramer	Bobby	Contact	Bayside FD	PO Box 162	Bayside	TX	78340
Nueces	Crockett	Tina	Director	TAC-MED	5233 IH 37 STE C-15	Crps Christi	TX	78408
Brooks	Deleon	Diana	PSAP Manager	BCSO	801 CR 201	Falfurrias	TX	78355
Duval	Escobar	Ruben	EMC	Duval County	PO Box 1071	San Diego	TX	78384
Duval	Finney	James	Chief	Freer Fire/EMS	PO Box 9	Freer	TX	78357
Brooks	Garcia	Eden	Police Chief	Falfurrias PD	205 E Allen Street	Falfurrias	TX	78355
Duval	Garcia	Sergio	Director	San Diego EMS	401 S DR EE Dunlap St	San Diego	TX	78384
Kleberg	Garcia	John	EMC	Kingsville	PO Box 1458	Kingsville	TX	78364
Brooks	Garza	Gloria	911 Coordinator	BCSO	800 N. ST Marys	Falfurrias	TX	78355
Nueces	Garza	Patrick		CCFD	2406 Leopard, Ste 300	Corpus Christi	TX	78408
Duval	Garza		Chief	Benavides FD	PO Box 426	Benavides	TX	78341
San Patricio	Gibson	Dan	Chief	Taft FD	PO Box 12	Taft	TX	78390
Nueces	Gillespie	Yancy	Director	Port Aransas EMS	705 West Avenue A	Port Aransas	TX	78373
Nueces	Gonzales	Ricardo	Chief/EMC	Robstown FD	516 E Avenue B	Robstown	TX	78380
Jim Wells	Greer	Wendy	Director	Guardian EMS South	505 N. King ST	Alice	TX	78332
Nueces	Hale	Danielle	EMC	Nueces County	901 Leopard, Ste 303	Corpus Christi	TX	78401
San Patricio	Haskin	Randy	Chief	Ingleside OTB FD	RR 1Box 345	Ingleside	TX	78362
Bee	Hoesher	Al	Fire Chief	Normana	PO Box 196	Normanna	TX	78142
Aransas	Howie	Albert	Fire Chief	Rockport FD	202 N Gagon	Rockport	TX	78382
Nueces	Ibarra	Carmen	Contact	Bay Area Ambulance	4455 SPID #121	Crps Christi	TX	78411
Aransas	Jayroe	Tim	Police Chief	Rockport PD	714 E. Concho Street	Rockport	TX	78382

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Nueces	Kaelin	Jim	Sheriff	NCSO	P.O.Box 1940	Crps Christi	TX	78403-1940
State	Kenney	Thad	Region 11	DSHS	601 W. Sesame Dr.	Harlingen	TX	78550
San Patricio	Kilgore	Ricky	Chief	Aransas Pass FD	600 W Cleveland St	Aransas Pass	TX	78336
Jim Wells	Kirchoff	Lynn	Chief	Orange Grove FD	PO Box 1228	Orange Grove	TX	78372
Nueces	Klaerner	Ashley	Director	AMR Coastal Bend	5656 Staples STE 300	Crps Christi	TX	78411
San Patricio	Knight	Steve	Director	Tri-County EMS	PO Box 1378	Ingleside	TX	78362
Refugio	Koonce	Bob	Contact	Refugio County EMS	107 Swift St	Refugio	TX	78377
Jim Wells	LaRue	Jerry	Chief	Premont	PO Box 161	Premont	TX	78375
Nueces	Linford	Nevada	Coastal Bend Chapter	Red Cross	1721 S. Brownlee Blvd	Crps Christi	TX	78404
Jim Wells	Lopez	Oscar	Sheriff	JWCSO	P.O.Box 1286	Alice	TX	78333-1286
Kleberg	Lopez	Alonzo	Chief	Kingsville Fire	119 N 10th St	Kingsville	TX	78363
Bee	Martinez	Laura	PSAP Manager	Beeville PD	402 N. Washington St.	Beeville	TX	78102
Nueces	Martinez	Juan	Director	Robstown EMS	PO Box 872	Robstown	TX	78380
Nueces	Martinez	David	Capt.	CCFD	2406 Leopard, Ste 300	Corpus Christi	TX	78408
Kleberg	Mata	Ed	Sheriff	KCSO	P.O.Box 1360	Kingsville	TX	78363-1360
San Patricio	Maxwell	Laura	Director	Mathis EMS	411 E San Patricio	Mathis	TX	78368
Nueces	McKay	Susan	Contact	Advance EMS	5018 Chancellor Row	Crps Christi	TX	78416
REGIONAL	McLester	Rickey	Communications Supervisor	Halo Flight		Corpus Christi	TX	
Aransas	McLester	Rick	EMC	Aransas County	301 N. Live Oak St.	Rockport	TX	78382
Aransas	McLester	Ricky	Fire Chief	Fulton FD	PO 503	Fulton	TX	78358
San Patricio	Metting	David	Chief	Odem FD	PO Box 754	Odem	TX	78370
San Patricio	Meyer	Carsten	EMC	City of Aransas Pass	PO Box 2000	Aransas Pass	TX	78335
Aransas	Mills	Bill	Sheriff	Sheriff's Office	301 N. Live Oak St.	Rockport	TX	78382
San Patricio	Moody	Leroy	Sherif	SPCSO	P. O. Box 1382	Sinton	TX	78387-1382
Bee	Morgan	David	EMC	Beeville/county	111 S. St Mary's Street	Beeville	tx	78102
Bee	Morris	Donald	Fire Chief	Beeville FD	402 N. Washington St.	Beeville	TX	78102
San Patricio	Munoz	Lucio	Chief	Mathis FD	211 E San Patricio Ave	Mathis	TX	78368
Nueces	Nattinger	Don	Radio Systems Coord.	Corpus Christi PD	322 John Satain St	Corpus Christi	TX	78402
McMullen	Naughton	Michael	Director	McMullen Cnty EMS	PO Box 444	Tildon	TX	78072
Nueces	Paiz	Ernie	OEM	City of Corpus Christi	2406 Leopard Street	Crps Christi	TX	78408
Refugio	Perez	Joe	Chief	Tivoli	PO Box 218	Tivoli	TX	77990

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Refugio	Pullen	Don	Chief	Refugio FD	PO Box 462	Refugio	TX	78377
Nueces	Purdy	Randy	Instructional Services	ESC 2	209 North Water St	Crps Christi	TX	78401-2528
Nueces	Quintero	Richie	Acting Chief	Corpus Christi FD	2406 Leopard St	Crps Christi	TX	78408
Duval	Ramirez	Romeo	Sheriff	DCSO	P.O.Box 547	San Diego	TX	78384-0547
Refugio	Rienensc	Lee	Chief	Woodsboro	PO Box 702	Woodsboro	TX	78393
San Patricio	Roberts	Joseph	Chief	Gregory PD	PO Box 297	Gregory	TX	78359
Brooks	Rodriguez	Rey	Sheriff	BCSO	P.O.Box 558	Falfurrias	TX	78355-0558
Nueces	Rodriques	Annette	CC/NC	CC/NC Helath Dept.	1702 Horne RD	Crps Christi	TX	78416
Brooks	Rodriquez	Pedro	Fire Chief	Southern Brooks County FD	PO Box 59	Encino	TX	78353-0059
Nueces	Saenz	Jesse	Radio System Mgr.	Corpus Christi Police, Communications	321 John Satain St	Corpus Christi	TX	78401
Duval	Salazar	Roy	Chief	Freer PD	PO Drawer N	Freer	TX	78357
Kenedy	Salinas	Ramon	Sheriff	KCSO	P. O. Box 10	Sarita	TX	78385-0010
Kenedy	Sanchez	Tomas	EMC	County	PO Box 1088	Kingsville	TX	78364-1088
Kleberg	Sanchez	Tomas	EMC	County	PO Box 1088	Kingsville	TX	78364-1088
San Patricio	Sanchez	Clemente	Chief	Sinton FD	PO Box 652	Sinton	TX	78387
Nueces	Scheible	Cody	Chief	Bishop FD	PO Box 569	Bishop	TX	78343-0569
Nueces	Scott	Dale	Chief	Four Bluff FD	337 Yorktown	Crps Christi	TX	78418
Brooks	Seeber	Ramona	Contact	AMR EMS	1300 Sout ST Mary St STE C	Falfurrias	TX	78355
Kleberg	Sens	Buril	Director	Sen-Sible Care Inc.	3408 N RM 1355	Kingsville	TX	78363
Nueces	Shanklin	Chris	Asst. Chief	Port Aransas FD	710 W. Avenue A	Port Aransas	TX	78373
Aransas	Sinclair	Larry	Lt.	Rockport PD	714 E. Concho Street	Rockport	TX	78382
San Patricio	Stendel	Donna	Director	SAVES EMS	PO Box 1395	Sinton	TX	78387
Live Oak	Stewart	Bobby Joe	Chief	Three Rivers FD	PO Box 70	Three Rivers	TX	78071
Aransas	Stubbs	Carl	Fire Chief	Lamar FD	PO Box 294	Fulton	TX	78358
CBCOG	Thomas	Robert "RJ"	HS Coord.	CBCOG	P.O.Box 9909	Corpus Christi	TX	78469
McMullen	Thomas	Bruce	Sheriff	MCSO	P. O. Box 242	Tilden	TX	78072-0242
San Patricio	Thomas	Robert	Chief	Ingleside FD	2425 Eighth ST	Ingleside	TX	78362
Kleberg	Torres	Rick	Chief	Kingsville PD	1700 E. King Ave	Kingsville	TX	78363
Bee	Trevino	Joe	Chief	Beeville PD	402 N. Washington St.	Beeville	TX	78102
Bee	Tristen	Martinez	SGT.	BCSO	1511 E Toledo St.	Beeville	TX	78102
Duval	Tunchez	Amando	Chief	San Diego FD	401 Dr. E. E. Dunlap St.	San Diego	TX	78384

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Refugio	Upton	Stan	EMC	County	808 Commerce	Refugio	TX	78377
Jim Wells	Van Nest	Dean	Chief/EMC	Alice FD	PO Box 3229	Alice	TX	78333
San Patricio	Vanlandingham	Tim	Chief/EMC	Portland FD	595 Buddy Ganem Dr	Portland	TX	78374
San Patricio	Vice	Ryan	Chief	Austwell FD	PO Box 100	Austwell	TX	77950
Jim Wells	Wiginton	Sylvia	Director	La Paloma EMS	PO Box1290	Premont	TX	78375
Nueces	Wilson	Jimmy		Robstown PD	430 East Main	Robstown	TX	78300
San Patricio	Wright	Randy	Chief	Portland PD	1902 Billy G. Webb Dr.	Portland	TX	78374
Aransas	Yetter	Robert		Rockport PD	714 E. Concho Street	Rockport	TX	78382
San Patricio	Zagorski	William	EMC	San Patricio Cnty	300 N. Rachal St.	Sinton	TX	78387
Aransas	Zapata	Lee	PSAP Manager	Aransas County	714 E. Concho Street	Rockport	TX	78382
San Patricio	Zielonka	Shelly	Contact	Taft EMS	PO Box 164	Taft	TX	78390
Bee			Fire Chief	Papalote	134 CR 629	Sinton	TX	78387
Bee			Fire Chief	Pettus	PO Box 291	Tuleta	TX	78162
San Patricio				Gregory FD	PO Box 297	Gregory	TX	78359

Golden Crescent Regional Planning Council Mailing List

County	Last Name	First Name	Title	Agency	Address	City	State	Zip
Lavaca	Baker	Phil	Fire Chief/EMS	City of Yoakum	P.O. Drawer 738	Yoakum	TX	77995
Calhoun	Barber	Henry	EMS Director	Calhoun Co EMS	705 County Rd 101	Port Lavaca	TX	77979
Victoria	Belt	Michael		Victoria FD		Victoria	TX	77901
Dewitt	Borth	Darryl	Fire Chief	City of Yorktown	107 W. Main St.	Yorktown	TX	78164
COG	Brannan	Joe	Executive Dir.	GCRPC	119 S. Main Suite 210	Victoria	TX	77901
Calhoun	Browning	B.B.	Sheriff	Calhoun Co SO	211 S Ann	Port Lavaca	TX	77979
Goliad	Brumby	Kirby	Sheriff	Goliad Co SO	701 E. End St.	Gonzales	TX	77963
Lavaca	Brunkenhoefer	Adam	Police Chief	City of Shiner	P.O. Box 308	Shiner	TX	77984
Lavaca	Buchanek	Mike		Lavaca County SO	P. O. Box 373	Hallettsville	TX	77964
Calhoun	Calagna	Cleave	Fire Chief	City of Port Lavaca Fire	1501 W Austin	Port Lavaca	TX	77979
STATE	Camacho	Alex	RLO 3A TDEM	Texas DPS	8802 N Navarro	Victoria	TX	77904
Dewitt	Campos	Paul	Police Chief	City of Yorktown	P.O. Box 605	Yorkton	TX	78164
Jackson	Chase	Lloyd	Fire Marshall	City of Edna Fire/EMS	126 W Main	Edna	TX	77957
Victoria	Craig	Jeff (J.J.)		Victoria PD		Victoria	TX	77901

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Gonzales	Crow	Tim	Police Chief	City of Gonzales	P.O. Box 547	Gonzales	TX	78629
Calhoun	Daigle	Mark	Chief Deputy	Calhoun Co SO	211 S Ann	Port Lavaca	TX	77979
Calhoun	Deforest	Peter	Fire Chief	City of Seadrift	P.O. Box 369	Seadrift	TX	77983
Lavaca	Fishbeck	Debbie	EMS Director	Lavaca Co EMS	PO Box 147	Hallettsville	TX	77964
Goliad	Fonseca	Peggy	EMS Director	Goliad Co EMS	P.O. Box 938	Goliad	TX	77963
Jackson	Friedrich	Allan	EMC	Jackson Co.	115 W Main St	Edna	TX	77957
STATE	Garrett	Glenn	Lieutenant	Texas DPS	8802 N Navarro St	Victoria	TX	77904
STATE	Gladstone	Stephen	RLO	Texas DPS	San Antonio EOC	San Antonio	TX	
Dewitt	Green	John	VFD	City of Nordheim	200 Broadway	Nordheim	TX	78141
Lavaca	Harmon	Micah	Sheriff	Lavaca County SO	P.O. Box 373	Hallettsville	TX	77964
Gonzales	Hutton	Karl	EMS/VFD	Gonzales Co VFD	9548 US Hwy 90 W	Harwood	TX	78632
STATE	Jones	Richard	JOIC		101 N Glass St.	Victoria	TX	77901
STATE	Kaelin	Jimmy	Ranger	Texas DPS	101 N Glass St.	Victoria	TX	77901
HOSPITAL	Kirk	Robert	Emer. Services	Citizens Medical Center	2701 Hospital Dr	Victoria	TX	77901
Lavaca	Koncaba	Tim	Fire Chief	City of Moulton	205 w Cockrill St	Moulton	TX	77975
Calhoun	Lambden	Steven	Fire Chief	City of Point Comfort	109 Jones St	Pooint Comfort	TX	77978
Dewitt	Lamprecht	Kevin	VFD Fire Dept	City of Yorktown	217 E. Eighth St.	Yorktown	TX	78164
Jackson	Louderback	Andy	Sheriff	Jackson Co SO	115 W Main St	Edna	TX	77957
Lavaca	Ludwig	Anthony	Fire Chief	City of Hallettsville	P.O. Box 84	Hallettsville	TX	77964
COG	Lytle	Melody	Planning Coord.	GCRPC	120 S. Main Suite 210	Victoria	TX	77901
Gonzales	Mendez	Mark	Fire Chief	City of nixon	100 W. Third St.	Nixon	TX	78140
Goliad	Morales	Alonzo	Fire Chief	City/County of Goliad	245 S. Chilton Ave	Gonzales	TX	77963
Victoria	O'Connor	T. Michael	Sheriff	Victoria Co SO	101 N Glass	Victoria	TX	77901
Victoria	Pray	Ron	Fire Marshall	Victoria Co	25 N. Hangar Dr	Victoria	TX	77904
STATE	Ray	Summer	RLO	Texas DPS	San Antonio EOC	San Antonio	TX	
Jackson	Roberson	Rodney	Police Chief	City of Ganado	112 E Putnam St	Ganado	TX	
Dewitt	Robinson	George	EMS Director	City of Yorktown	P.O. Box 336	Yorktown	TX	78164
Lavaca	Rogers	Arthur	Police Chief	City of Yoakum	900 Irvine St	Yoakum	TX	77995
Gonzales	Russell	Jim	EMS Director	Gonzales Co EMS	1703 Saint Joseph	Gonzales	TX	78629
Gonzales	Sachtleben	Glen	Sheriff	Gonzales Co. SO	1713 Sarah DeWitt Dr.	Gonzales	TX	78629
Lavaca	Schlauch	Randal	Police Chief	City of Hallettsville	104 E Fourth	Hallettsville	TX	77964

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Gonzales	Schmidt	Keith	Fire Chief	City of Gonzales Fire	411 Saint Lawrence St.	Gonzales	TX	78629
Lavaca	Sembera	Emil	Fire Dept	City of Shiner Fire	P.O. Box 524	Shiner	TX	77984
Victoria	Simons	Terry	Chief Deputy	Victoria Co SO	101 N Glass	Victoria	TX	77901
Victoria	Simons	Daniel	Sgt	Victoria CO SO	101 N. Glass	Victoria	TX	77901
Dewitt	Solis	Freddie	EMS Manager	City of Cuero Hospital	2550 N. Esplanade	Cuero	TX	77954
Calhoun	Stewart	John	Police Chief	Port Lavaca PD	201 N. Colorado	Port Lavaca	TX	77979
Calhoun	Thigpen	LaDonna	EMC	Calhoun County EMC	211 S Ann St Suite 301	Port Lavaca	TX	77979
Jackson	Thompson	Larry	City Secretary	City of Ganado	112 E. Putnam St	Ganado	TX	77962
Dewitt	Tolbert	Butch	Fire Chief	City of Cuero	219 E Main St	Cuero	TX	77954
Victoria	Turner	Jesse	Captain	Victoria Police Dept	P.O. Box 2086	Victoria	TX	77902
Victoria	Voskamp	Carl	EMS Program Dir.	Victoria College	2200 East Red River	Victoria	TX	77901
Jackson	Wooldridge	Clinton	Police Chief	City of Edna	103 N. Allen	Edna	TX	77957
Dewitt	Zavesky	Jode	Sheriff	Dewitt Co SO	208 E. Live Oak St.	Cuero	TX	77954
Lavaca	Zimmerman	Mark	Police Chief	City of Moulton	102 S Main St	Moulton	TX	77975

Lower Rio Grande Valley Development Council Mailing List

County	Last Name	First Name	Title	Agency	Bs. Street	Bs. City	Zip
Hidalgo	Alaniz	Gilbert	Constable	Constable Pct. 2	523 South Standard	San Juan	TX 78589
Hidalgo	Ashley	Randy	City Services	McAllen City Services	P. O. Box 220	McAllen	TX 78505
Cameron	Aston	Bill		South Texas Emergency Care foundation	1705 Vermont St	Harlingen	TX 78550
Hidalgo	Avila	Celestino	Constable	Constable Pct. 1	1902 Joe Stephens Ave. Ste 303	Weslaco	TX 78596
Hidalgo	Baker	Matthew	Emergency Mngmt Coor.	Doctor's Hospital at Renaissance South Padre Island	5501 S. McColl	Edinburg	TX 78539
Cameron	Baldovinos	Victor	Envion. Health Director	Environmental Health	4601 Padre Blvd	South Padre Island	TX 78597
Cameron	Baskett	Burney	Fire Chief	South Padre Island Fire	4501 Padre Blvd	South Padre Island	Tx 78597
Hidalgo	Bermea	Roel	Police Chief	Penitas PD	1 mile South FM 1427	Penitas	TX 78576
Hidalgo	Caballero	Lupe	Trauma Coordinator	Edinburg Regional Medical Center	1102 W. Trenton Rd.	Edinburg	TX 78539
Cameron	Cantu	Clemente	Police Chief	Santa Rosa ISD	PO Box368	Santa Rosa	Tx 78593
Hidalgo	Cardenas	Eloy	Police Chief	Edcouch PD	PO Box 100	Edcouch	TX 78538
Cameron	Castillo	Danny	Police Chief	Harlingen Police	P.O. Box 2207	Harlingen	TX 78550

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Cameron	Chambers	John	Police Chief	Indian Lake PD	62 Aztec Cove St	Los Fresnos	TX	78566
Hidalgo	Collin	Jesse	EMC	Knapp Medical Center Valley Regional Medical Center	1401 East Eight Street	Weslaco	TX	78596
Cameron	Connie	Manley	ED Director		100 A. Alton Gloor	Brownsville	TX	78526
Hidalgo	Crist	Donald	Police Chief	Donna ISD	116 N. 10th Street	Donna	TX	78537
Region	Cruz	Manuel	LRGVDC					
Cameron	Cruz Jr.	Manuel	Police Chief	Rancho Viejo PD	3461 Carmen Ave	Rancho Viejo	TX	78575
Cameron	Daniels	Jeane	Fire Chief	Los Fresnos FD	PO Box 777	Los Fresnos	TX	78566
Hidalgo	De Angel	Jose	Police Chief	La Joya PD	100 West Highway 83	La Joya	TX	78560
Hidalgo	De Leon	Ruben	Police Chief	Donna PD	207 South 10th St	Donna	TX	78537
Hidalgo	De Leon	Ernie	Trauma Coordinator	McAllen Medical Center	301 W. Expressway 83	McAllen	TX	78503
Hidalgo	De los Rios	Frank	PW Director	Donna DPW	307 S. 12th Street	Donna	TX	78537
Willacy	De Luna	Oscar	Vol. Fire Chief	San Perlita VFD	1471 Industrial Drive	Raymondville	TX	78580
Hidalgo	Diaz	Jesse	Police Chief	Elsa PD	216 East 4th Street	Elsa	TX	78543
Hidalgo	Espinoza	Arturo	Police Chief	Alamo PD	415 N. Tower	Alamo	Tx	78516
Hidalgo	Espinoza	Rolando	Fire Chief	Alamo FD	415 N. Tower	Alamo	TX	78516
Hidalgo	Esquivel	Cris	Police Chief	McAllen ISD PD	2000 North 23rd St	McAllen	TX	78501
Hidalgo	Flores	Richardo	Fire Chief	La Joya FD	625 E. Exp 83	La Joya	TX	78560
Hidalgo	Foster	Julie	Trauma Coordinator	Edinburg Children's Hospital South Padre Island Public Works	1102 W. Trenton Rd.	Edinburg	TX	78539
Cameron	Fry	Scott	PW Director		4601 Padre Blvd, 1st FL	South Padre Island	TX	78597
Hidalgo	Gallardo	Lazaro	Constable	Constable Pct. 3	PO Box 2096	Mission	TX	78572
Cameron	Garcia	Carlos	Police Chief	Brownsville	600 E. Jackson St	Brownsville	TX	78520
Cameron	Garcia	Oscar	Police Chief	Brownsville ISD	2477 E. Price Road	Brownsville	TX	78520
Cameron	Garcia	Lilly		Harlingen Public Works	404 South 54th Street	Harlingen	TX	78550
Cameron	Garcia	Donato	Police Chief	La Feria PD	115 E. Commerical	La Feria	TX	78559
Cameron	Garcia	Rick	Fire Chief	La Feria FD	115 E. Commerical	La Feria	TX	78559
Cameron	Garcia	Alvaro	Police Chief	Palm Valley PD	1313 N. Stuart Place Road	Palm Valley	TX	78552
Hidalgo	Garcia	Jaime	Fire Chief	Mercedes FD	400 South Ohio	Mercedes	TX	78570
Hidalgo	Garcia	Roy	PW Director	Pharr Public Works	801 East Sam Houston	Pharr	TX	78577
Hidalgo	Garrett	George	Weslaco EMC	Weslaco OEM	1909 Joe Stephens Dr.	Weslaco	TX	78596
Hidalgo	Garza	David	PU Director	Pharr Utilities	801 East Sam Houston	Pharr	TX	78577

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Hidalgo	Garza	Tirso	Fire Chief	San Juan FD	2301 N. Raul Longoria	San Juan	TX	78589
Cameron	Gonzalez	Gualberto	Police Chief	Port Isabel PD	305 E. Maxan Street	Port Isabel	TX	78578
Hidalgo	Gonzalez	Raul	Police Chief	La Joya ISD	221 N. Stadium Dr	La Joya	TX	78560
Hidalgo	Gonzalez	Juan	Police Chief	San Juan PD	2301 N. Raul Longoria	San Juan	TX	78589
Hidalgo	Guerrz	Eddie	Constable	Constable Pct. 4 South Texas Rehabilitation	2814 South Bus. Hwy 281	Edinburg	TX	78539
Cameron	Gutierrez	Art	Director of Plan Ops	Hospital	425 East Alton Gloor Blvd.	Brownsville	TX	78526-3361
Willacy	Gutierrez	Oscar	Fire Chief	Raymondville VFD	335 East Raymond	Raymondville	TX	78580
Hidalgo	Guzman	Jaime	Fire Chief	Pharr Fire Valley Regional Medical	118 S. Cage, 3rd FL	Pharr	Tx	78577
Cameron	Hager	James	Security Mgr	Center	101 A. Alton Gloor	Brownsville	TX	
Cameron	Harris III	James	Police Chief	Los Fresnos PD	200 N. Brazil Street	Los Fresnos	TX	78566
Hidalgo	Hinojosa Jr.	Domingo	Fire Chief	Linn San Manuel VFD	36485 N. Hwy 281	Linn	TX	78563
Hidalgo	Lopez	Rick	Fire Chief	Elsa FD	301 East 2nd Street	Elsa	TX	78543
Hidalgo	Lopez	Rene		Mission F.D.	1201 E. 8th Street	Mission	TX	78572
Hidalgo	Lucio	Carlos	Police Chief	Sullivan PD	500 Cenizo	Sullivan City	TX	78595
Hidalgo	Maldonado	Olga	Police Chief	Mercedes PD	316 South Ohio	Mercedes	TX	78570
Cameron	Manrique	Chris	Coordinator	Solara Hospital	508 Victoria Lane	Harlingen	TX	78550
Cameron	Marchan	Daniel	Fire Chief	Port Isabel FD	305 E. Maxan Street	Port Isabel	TX	78578
Cameron	Martinez	Xavier	Police Chief	Santa Rosa PD	413 S. Santa Cruz	Santa Rosa	TX	78593
Cameron	Matlock	Weldon	Police Chief	Rio Hondo Police	PO Box 389	Rio Hondo	TX	78583
Cameron	Matlock	Weldon	Fire Chief	Rio Hondo Fire	PO Box 389	Rio Hondo	TX	78583
Cameron	McGinnis	Robert	Police Chief	Laguna Vista PD	122 Fernandez St	Laguna Vista	TX	78578
Cameron	Meeks	Deborah	Trauma Coordinator	Harlingen Medical Center	5501 S. Expressway 77	Harlingen	TX	78550
Hidalgo	Montoya	Oscar	EMC	Hidalgo County OEM	1615 S. Closner, Suite G	Edinburg	TX	78539
Hidalgo	Olivarez	Benito	Fire Chief	Edcouch VFD	200 W. Santa Rosa Ave	Edcouch	TX	78538
Hidalgo	Olivarez	Eddie		Hidalgo County HD	1304 S. 25th	Edinburg	TX	78542
Hidalgo	Olivarez	Leo	Fire Chief	Weslaco FD	255 S. Kansas Ave	Weslaco	TX	78596
Willacy	Orozco	Jesse	Police Chief	Lyford CISD PD	Simon Gomez Road	Lyford	TX	78569
Hidalgo	Ozuna	Richard		Hidalgo County SO	710 East Cibolo Road	Edinburg	TX	
Hidalgo	Perez	Ubaldo	Asst. EMC	Edinburg, City of McAllen Medical Heart	212 W. McIntyre St.	Edinburg	TX	78541
Hidalgo	Perez	Sandra	Trauma Coordinator	Hospital	1900 South D. Street	McAllen	TX	78503

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Hidalgo	Puente	Ruben	PW Director	Hidalgo PW	704 E. Texano Dr.	Hidalgo	TX	78557
Cameron	Quill	Patrick	Police Chief	Combes Police	306 Templeton	Combes	TX	78535
Cameron	Quiroga	Javier	EMS T/O	Brownsville FD	625 E. 12th St.	Brownsville	TX	78520
Cameron	Ramos	Ray	Risk Manager	Rio Grande State Center	1401 S. Rangerville Rd.	Harlingen	TX	78552
Cameron	Reyes	Emily		Harlingen	1705 Vermont Ave	Harlingen	TX	78550
Hidalgo	Reyes	Juan	Fire Chief	Hidalgo FD	211 East Esperanza	Hidalgo	TX	78557
Cameron	Rinaldi	Michael	Fire Chief	Harlingen Fire	3510 Grimes	Harlingen	TX	78550
Hidalgo	Rodriguez	Victor	Police Chief	McAllen PD	1601 N. Bicentennial Blvd	McAllen	TX	78501
Hidalgo	Rodriguez	Alberto	Police Chief	Progreso PD	PO Box 699	Progreso	TX	78579
Hidalgo	Rubio	Rogelio	Fire Chief	McAllen FD	101 South 18th Street	McAllen	TX	78501
Hidalgo	Saldivar	Elias	Fire Chief	Alton FD	205 West Main	Alton	TX	78572
Cameron	Sanchez	Joel	Police Chief	Los Fresnos CISD	600 North Mesquite	Los Fresnos	TX	78566
Hidalgo	Sanchez	Carlos A.	PW Director	McAllen PW	4201 N. Bensten Road	McAllen	TX	78501
				Life Care Hopsital of				
Hidalgo	Sandoval	Adelina	Trauma Coordinator	SouthTexas	2001 South M Street	Edinburg	TX	78503
Hidalgo	Sigfuentes	Juan	Police Chief	Weslaco PD	901 North Airport Drive	Weslaco	TX	78596
Hidalgo	Simmons	David	Fire Chief	Donna FD	307 S. 12th Street	Donna	TX	78537
Cameron	Smith	Randy	Police Chief	South Padre Island Police	4501 Padre Blvd	South Padre Island	TX	78597
			Hospital Supervisor/ER	Brownsville Doctors				
Cameron	Sosa	Jose	Coor.	Hospital	4750 N. Expressway	Brownsville	TX	78526
Hidalgo	Sotelo	Enrique		Alton PD	205 West Main	Alton	TX	78572
Willacy	Spence	Larry	Sheriff	Willacy County SO	1371 Industrial Drive	Paymondville	TX	78580
			Dir. Em. Svcs./Trauma	Valley Baptist Medical				
Cameron	Steinbach	Ingrid	Coor.	Center	1040 E. Jefferson St.	Brownsville	TX	78520
Cameron	Stevenson	Bill	Vol. Fire Chief	Rancho Viejo VFD	PO BOX 847	Rancho Viejo	TX	78575
Cameron	Tamayo	Roy	Trauma Coordinator	Valley Baptist Hospital	2101 Pease Street	Harlingen	TX	78550
Willacy	Torres	Frank	Willacy EMC	Willacy County EMS	347 E. Hidalgo Ave	Raymondville	TX	78580
Hidalgo	Trevino	Lupe	Sheriff	Hidalgo County SO	710 East Cibolo Road	Edinburg	TX	78539
				South Padre Island				
Cameron	Vasquez	Rick	Transit Director	Transportation	4601 Padre Blvd	South Padre Island	TX	78597
Hidalgo	Vela	Michael	Police Chief	Palmhurst PD	4417 North Shary RD	Palmhurst	TX	78573
Hidalgo	Vernon	Rosser	Police Chief	Hidalgo PD	211 East Esperanza	Hidalgo	TX	78557
Hidalgo	Villescas	Ruben	Police Chief	Pharr Police	1900 S. Cage	Pharr	TX	78577
Hidalgo	Villarreal	Julio	PW Director	Alamo PW	803 S. Tower Road	Alamo	TX	78516

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**Region 53 San Antonio, South Texas
Master Contact Mailing List**

Cameron	Wood	Charlie	EMS Director	Port Isabel EMS	305 E. Maxan Street	Port Isabel	TX	78578
Hidalgo	Woods	Dawn	Trauma Coordinator MSA Asst Dir. Of	Rio Grande Regional	101 E. Ridge Rd.	McAllen	TX	78503
Cameron	Wren	Bryan	Aviation	Valley International Airport	3002 Heritage Way	Harlingen	TX	78550
Hidalgo	Ybarra	Nidia	Comms. Supvr	Alton PD	205 West Main	Alton	TX	
Willacy	Zamora	Uvaldo	Police Chief	Raymondville PD	523 West Hidalgo Ave	Raymondville	TX	78580

Middle Rio Grande Development Council Mailing List

County	Last Name	First Name	Title	Agency	Address	City	State	Zip
Region	Anderson	Forrest	HS Dir	MRGDC	216 West Main St.	Uvalde	TX	78801
Uvalde	Ayala	Gene	Chief	Uvalde Fire Department	123 S. Getty St.	Uvalde	TX	78801
Val Verde	Bean	Harold	Chief	Del Rio Fire & Rescue	401 East La Soya	Del Rio	TX	78840
Val Verde	Berg	Steve	Lieutenant	Del Rio Police Depart.	110 E. Broadway	Del Rio	TX	78840
Real	Brice	James	Sheriff	Sheriff's Office	P.O.Box 445	Leakey	TX	78873
Kinney	Burgess	L.K."Buddy"	Sheriff	Sheriff's Office	P.O.Box 1200	Brackettville	TX	78832-1200
Zavala	Camarillo	John	Asst. Chief	Crystal City Fire Dept.	101 E. Dimmit	Crystal City	TX	78839
Dimmit	Carmona	Alonzo	Chief	Dimmit CO Fire Department	P.O. Box 1283	Carrizo Springs	TX	78834
Uvalde	Castro	Plutarco	Chief Telecommunications	Sabinal Police Dept.	501 Center Street	Sabinal	TX	78881
Region	Condry	William	Coord.	MRGDC	216 West Main St.	Uvalde	TX	78801
Zavala	Contreras	Luis	Chief	Crystal City Police Dept.	101 E. Dimmit	Crystal City	TX	78839
Uvalde	Cook	Charles	Asst. Chief	Knippa Fire Dept.	P.O. Box 21	Knippa	TX	78870
Real	Cox	Josh	Chief	Campwood Fire Dept.	P.O. Box 138	Campwood	TX	78833
Real	Cox	Dan	Director	Campwood EMS	P.O. Box 130	Campwood	TX	78833
Region	Cranfill	Smokey	HLS/CJ Planner	MRGDC	307 W. Nopal	Carrizo Springs	TX	78834
Uvalde	Davis	Gary	President	Utopia EMS	P.O.Box 393	Utopia	TX	78884
Zavala	Delgado	Victor	Chief	La Pryor Fire Dept.	P.O. Box 25	La Pryor	TX	78872
Uvalde	Doucet	Robert	Chief	SWTJC Police Dept.	2401 FM 1023	Uvalde	TX	78801
Edwards	Dula, Jr.	Alex	Coordinator	Edwards CO EMC	P.O. Box 348	Rocksprings	TX	78880
Maverick	Flores	Rick	Lead Officer	EPISD		Eagle Pass		
La Salle	Garcia	Joe	Chief Deputy	La Salle CO Sheriff's Office	703 N. Main	Cotulla	TX	78814
Uvalde	Garcia	John Paul	Director	Sabinal EMS	P.O. Box 104	Sabinal	TX	78881

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Tribal	Garcia	Ramiro	Chief of Police	Kickapoo Tribal Police Department	HCR 1 Box 9700	Eagle Pass	TX	78852
Uvalde	Gilleland	Wesley	Chief	Sabinal Fire Dept.	P.O. Box 145	Sabinal	TX	78881
Dimmit	Gonzales	Joel	Sheriff	Sheriff's Office	P.O.Box 885	Carrizo Springs	TX	78834-0885
Zavala	Guajardo	Jesse	Coordinator	Zavala CO EMC	1201 E. Kinney	Crystal City	TX	78839
Maverick	Guedea	Alejandro	Seargent	Eagle Pass Police Dept.	110 S. Monroe	Eagle Pass	TX	78852
Val Verde	Haynes	Raymond	Chief	DR.CISD.PD.	P.O. Box 428002	Del Rio	TX	78840
Maverick	Herrera	Tomas	Sheriff	Sheriff's Office	Rt 3, Box 1033, Hwy 57	Eagle Pass	TX	78852
Val Verde	Howley	Jack	Director	Val Verde EMS	801 Dedell Avenue	Del Rio	TX	78840
Edwards	Kott	Becky	Director	Edwards EMS	P.O. Box 185	Rocksprings`	TX	78880
Edwards	Letsinger	Don	Sheriff	Sheriff's Office	P.O.Box 156	Rocksprings	TX	78880-0156
Uvalde	Macdonald	Robert	Chief	Uvalde Police Dept.	P.O. Box 779	Uvalde	TX	78802
La Salle	Maldonado	Rene	Chief	Encinal Fire Dept	P.O. Box 142	Encinal	TX	78019
Val Verde	Martinez	Frank	sheriff	Val Verde Sheriff's Office	P. O. Box 1201	Del Rio	TX	78841-1201
Zavala	Martinez	Kimberly	Asst. Chief	Crystal City EMS	101 E. Dimmit	Crystal City	TX	78839
Uvalde	Mendeke	Charles	Sheriff	Sheriff's Office	121 E. Nopal St.	Uvalde	TX	78801
Dimmit	Montoya	Rachel	Director	Dimmit CO EMS	P.O. Box 341	Carrizo Springs	TX	78834
Uvalde	Moore	Gary	Chief	Reagan Wells Fire Dept.	4676 Ranch Road 1051	Uvalde	TX	78801
Kinney	Partlow	Kent	Director	Kinney EMS	P.O. Box	Brackettville	TX	78832
Real	Pendley	Jessie	Chief	Leakey Fire Dept.	P.O.Box 33	Leakey	TX	78873
Val Verde	Powers	Amabilia	Coordinator	Val Verde CO EMC	P.O. Box 1201	Del Rio	TX	78840
Edwards	Richards	Willie	Chief	Rocksprings Fire Dept.	P.O. Box 796	Rocksprings`	TX	78880
Edwards	Richards	Willie	Chief	Rocksprings Fire Dept.	P.O. Box 796	Rocksprings`	TX	78880
Uvalde	Rocchio	Tom	Chief	Concan Fire Dept.	P.O. Box 266	Concan	TX	78838
Dimmit	Rodriguez	Jesus Luis	Coordinator	Dimmit CO EMC	P.O. Box 329	Carrizo Springs	TX	78834
Maverick	Rodriguez	Jesus	Coordinator	Maverick CO EMC	2558 El Indio Hwy	Eagle Pass	TX	78852
Dimmit	Rodriguez	Joe	Chief	Carrizo Springs Fire Dept	204 East Nopal	Carrizo Springs	TX	78834
Maverick	Rodriguez	Jesus	Coordinator	Maverick CO EMC	2558 El Indio Hwy	Eagle Pass	TX	78852
Maverick	Rodriguez	Jesus	Chief	Eagle Pass Fire Dept.	2558 El Indio Hwy	Eagle Pass	TX	78852
Maverick	Rodriquez	Jesus	Director	Eagle Pass EMS	590 Quarry Street	Eagle Pass	TX	78852
Real	Rogers	Diane	Director	Leakey EMS	P.O.Box 803	Leakey	TX	78873
Dimmit	Rosas	Juan V.	Chief	Asherton Fire Dept	P.O. Box 101	Asherton	TX	78827

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**Region 53 San Antonio, South Texas
Master Contact Mailing List**

Maverick	Ruiz Jr.	Johnny	Chief	EP.ISD. PD	1420 Eidson Rd	Eagle Pass	TX	78852
Val Verde	Rust	Jerry	Chief	Val Verde CO Fire Dept	P.O. Box 420836	Del Rio	TX	78842
Uvalde	Rutherford	Jody	Chief	Utopia Fire Dept.	P.O. Box 62	Utopia	TX	78884
Zavala	Salinas	Eusevio	Sheriff	Sheriff's Office	200 Blk E. Uvalde St.	Crystal City	TX	78839
Val Verde	Sheedy	John	Coordinator	City of Del Rio EMC	401 E. La Soya St.	Del Rio	TX	78840
Zavala	Simpson	John	Chief	Batesville Fire Dept.	P.O. Box	Batesville	TX	78829
La Salle	Soto	Carlos	Chief	Cotulla Fire Department	307 N. Baylor St.	Cotulla	TX	78814
Uvalde	Stephens	Stephen	Director	Uvalde EMS	219 S Getty St.	Uvalde	TX	78801
La Salle	Trigo	George	Coordinator	La Salle CO EMC	707 Buckley St.	Cotulla	TX	78014
Val Verde	VanHoot	Kevin	Comm. Lt.	Val Verde SO	P.O.Box 1201	Del Rio	TX	78841-1202
Uvalde	Waller	Charlie	Coordinator	Uvalde CO EMC	3839 Hwy 90	Uvalde	TX	78801
Kinney	Williams	Joe	Chief	Bracketteville Fire Dept.	P.O. Box 526	Bracketteville	TX	78832

South Texas Development Council Mailing List

County	Last Name	First Name	Title	Agency	Address	City	St	Zip
				Starr County- La Casita				
Starr	Acevedo	Armando	Captain	VFD	6456 FM 1430	Rio Grande City	TX	78582
Jim Hogg	Alarcon	Erasmio	Sheriff	Sheriff's Office	211 E Galbraith	Hebbronville	TX	78361
Webb	Arizola	Jerry	FD Chief	Webb County FD	7210 E Saunders	Laredo	TX	78043
Webb	Arredondo	Pedro	Assistant Chief	Webb County SO	902 Victoria Street	Laredo	TX	78040
Jim Hogg	Benavidez	Larry	Captain	Jim Hogg County Sheriff's Department	211 E Galbraith	Town of Hebbronville	TX	78361
Starr	Cantu	Larry	Captain	Starr County La Rosita FD	4192 W US Hwy 83	Rio Grande City	TX	78582
Webb	Cavazos	Mario	Public Safety	Webb County Radio Communications	7210 E Saunders	Laredo	TX	78043
Jim Hogg	Chavarria Jr.	Manuel	Chief	Hebbronville VFD	202 E Galbraith	Town of Hebbronville	TX	78361
Webb	Cuellar	Martin	Sheriff	Sheriff's Office	902 Victoria Street	Laredo	TX	78040
Zapata	Elizondo	Mario	Sergeant	Zapata County Sheriff's Department	2311 Stop 23A	Town of Zapata	TX	78076
Starr	Fuentes	Rene	Sheriff	Sheriff's Office	100 E 6th Street	Rio Grande City	TX	78582
Starr	Fuentes	Larry	Captain	Starr County Sheriff's Department	100 E 6th Street	Rio Grande City	TX	78582
Starr	Garcia	Noel	Trauma Coordinator	Starr County Memorial Hospital	PO Box 78, 2573 Hospital Court	Rio Grande City	TX	78582

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Starr	Garcia	Francisco	Captain	City of Roma Police Department	987 E Grant Street	Roma	TX	78584
Starr	Garcia	Jose	Chief	PD and VFD	987 E Grant Street	Roma	TX	78584
Webb	Gomez	Eusebio	Commissioner	City of Rio Bravo	1641 E Elm Loop	Rio Bravo	TX	78043
Webb	Gonzalez	Juan	Chief	City of El Cenizo Fire Dept. Zapata County Sheriff's	543 Cadena St	El Cenizo	TX	78046
Zapata	Gonzalez	Sigifredo	Sheriff	Department	2311 Stop 23A	Town of Zapata	TX	78076
Region /COG	Keiser	John	Reg. Program Mgr.	STDC	P.O.Box 2187	Laredo	TX	78043
Starr	Marquez	Guadalupe	Chief	PD VFD Zapata County Fire	401 N Britton Ave 403	Rio Grande City	TX	78582
Zapata	Meza	Juan	EMC/Chief-Zapata	Department	2917 Stop 29A	Town of Zapata	TX	78076
Starr	Moreno	Antonio	FD Administrator	Starr County VFD	500 N Britton Ave	Rio Grande City	TX	78582
Webb	Navarro	Gilberto	Assistant Chief	City of Laredo Police Department	4712 Maher Ave	Laredo	TX	78041
Starr	Piper	Dutch	Chief Radio Communications	City of Rio Grande PD	402 E Main Street	Rio Grande City	TX	78582
Webb	Pruneda	Juan	Mgr.	City of Laredo	1101 Garden Street	Laredo	TX	78040
Starr	Reyes	Ricardo	Chief/EMC	City of Rio Grande FD	910 E Highway 83	Rio Grande City	TX	78582
Starr	Trevino	Ricardo	PD Sergeant/FD Chief	City of La Grulla VFD	S FM 2360	La Grulla	TX	78548
Webb	Vega	Eloy	PIO Emergency Mgmt.	City of Laredo Fire Dept	One Guadalupe	Laredo	TX	78040
	Vela	Laura	Planner	STDC Webb County Sheriff's	P.O.Box 2187	Laredo	TX	78044-2187
Webb	Zamarripa	Andres	Deputy	Department	902 Victoria Street	Laredo	TX	78040

State & Federal Agency Mailing Lists

	Last Name	First Name	Title	Agency	Address	City	State	Zip
State	Abernathy	David	Assist. Chief	TFS	P.O.Box 1000	Pittsburg	TX	75686
State	Ashby-Fisher	Brandi	RLO	Texas DPS	1922 South Padre Island Dr.	Corpus Christi	TX	78416
State	Barney	Mike	Technical Services Mgr Reg. Emergency	TxDPS	5807 N. Lamar-Bldg G	Austin	TX	78752
Federal	Boren	Gregory	Communications Coord.	FEMA	800 North Loop 288	Denton	TX	76209
Federal	Born	Ken	Region VI Coord.	DHS - OEC	1701 Dalton Dr.	Flower Mound	TX	75022
State	Boxwell	Steve	CAM	TxDPS	1414 North Bicentennial	McAllen	TX	78501
State	Brown	Larry	Sr. Teleco Acct. Coord.	LCRA	3505 Montopolis Drive 1803 South General McMullen	Austin	TX	78744
State	Capers	Elaine	CAM	TxDPS	Drive	San Antonio	TX	78223

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Region 53 San Antonio, South Texas
Master Contact Mailing List

State	Carey	April	Project Specialist	TxDPS	5807 N. Lamar-Bldg G	Austin	TX	78752
State	Castro	Sharlotte	CAM	TxDPS	5807 N. Lamar-Bldg G	Austin	TX	78752
State	Cavazos	Tommy	Communications Supvr	TxDPS	1630 North 77 Sunshine Strip	Harlingen	TX	78550
State	Early	Todd	Dep.Assist.Dir; SWIC	TxDPS	5806 N. Lamar-Bldg G	Austin	TX	78752
State	Ervin	Jason	Ops Mgr. Telecom	LCRA	3505 Montopolis Drive	Austin	TX	78744
	Frankhouser	Doug	Chairman	Region 51 RPC	4500 Will Clayton Parkway	Houston	TX	77032
State	Galvan	Francisco	CAM	TxDPS	2525 N. International Blvd	Weslaco	TX	78596
State	Gilbert	Paul	Tramatic Systems Specialist	TxDOT	125 E. 11th Street	Austin	TX	78701
Federal	Gonzales	John	Deputy US Marshal	US Marshals Service	655 E. Durango Blvd., Rm 235	San Antonio	TX	78206
Federal	Hicks	Robert	SAIC	Randolph A.F.B.	285 B. St. W.	Randolph A.F.B.	TX	78150-4158
State	Jackson	Kellie	CAM	TxDPS	1414 North Bicentennial	McAllen	TX	78501
State	Jarrett	Joe	Frequency Coord.	TxDPS	5806 N. Lamar-Bldg G	Austin	TX	78752
State	Kidd	Nim	Assist. Dir.	TDEM	5807 N. Lamar	Austin	TX	78752
State	Kimball	Ashley	Specialist	TxDPS		Austin	TX	
State	Lahey	David	Commissioner	TX Dept. of State Health Services (DSHS)	P.O. Box 149347	Austin	TX	78756
State	Lange	Shawn	Telecom Specialist	TP&W	4200 Smith School Rd	Austin	TX	78744
	Mayworm	Ron	Chairman	Region 49 RPC	P. O. Drawer 4128	Bryan	TX	77805-4128
State	McFarland	Don	State Interoperability Officer	TMF - Texas State Guard - MARS	P. O. Box 1246	Seguin	TX	78156
	Mendez	Frank	Region 50 RPC Chair	El Paso, City of	8600 Montana, Ste C	El Paso	TX	79925
State	Pena	Tony	State Coord-Region 3	TDEM/DPS	1414 North Bicentennial	McAllen	TX	78501
State	Peters	Joe	State Legislative Liaison	TxDPS	Sam Houston Bldg.	Austin	TX	
State	Ramirez, Jr.	Rene Raul	CAM	TxDPS	1414 North Bicentennial	McAllen	TX	78501
State	Rodriguez	Laura	CAM	TxDPS	1414 North Bicentennial	McAllen	TX	78501
Federal	Sigalos	Louis	Dir. Southwest Reg. Operations & Emergency Mgt.	FCC	9597 Jones Road #362	Houston	TX	77065
Federal	Spurlin	Steve	Lt. Col. Strategic Communications	Randolph A.F.B.	925 3rd Street West	Randolph A.F.B.	TX	78150-4504
State	Sutherland	Carol	Planning	TxDPS	6810 Apaloosa Way	San Antonio	TX	78256
Federal	Trevino	Esequiel (Zeke)	Supvr Border Patrol Agent	U.S. Customs and Border Protection	4400 South Expressway 281	Edinburg	TX	78542

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Region 53 San Antonio, South Texas
Master Contact Mailing List

Tribal	Wilson	Frances	Police Officer	Kickapoo Lucky Eagle Casino PD	HCR 1 Box 9700	Eagle Pass	TX	78852
State				TABC	4203 Woodcock, Ste. 120	San Antonio	TX	78228
	Mullings	Mark		TDSHS				

Public Mailing Lists

Last Name	First Name	Title	Agency	Address	City	State	ZIP
Cassard	Clay	Sr. Acct. Mgr	Motorola	6500 River Place Blvd Bldg / MDRP1A	Austin	TX	78730
Champion	David	Sales	Tri-County Communications	1421 East Pike Blvd	Weslaco	TX	78596-5015
Cole	Elizabeth	ENP, Sr. Public Safety Consultant	L.R.Kimball	17177 Preston Rd Ste 300	Dallas	TX	75248
Counterterman	Sharon	Deliver Mgr. Texas M.S.E.E. Telecommunic	L.R.Kimball	552 Silicon Dr. Ste 100	Southlake	TX	76092
Falgiatore	Nicholas	ations Specialist	L.R.Kimball	328 Innovation Blvd. Ste 222	State College	FL	16803
Martin	Ron	Sr. Acct. Mgr	Motorola	6500 River Place Blvd Bldg / MDRP1A	Austin	TX	78730
Martinez	Edward	Sales - Coastal Bend	Dailey-Wells	3441 E. Houston St.	San Antonio	TX	78219
Powell	Sherri		L.R.Kimball	17177 Preston Rd. #300	Dallas	TX	75248
Rinehart	Bette	Regulatory Affairs Mgr	Motorola	28 Twin Lakes Dr	Gettysburg	PA	17325
Shinpaugh	James		L.R.Kimball Accent	17177 Preston Rd. #300	Dallas	TX	75248
Simpson	Mike	President	Telecommunications, Inc.	8760-A Research Blvd. Ste 208	Austin	TX	78758-6420
Smithers	Steve	Acct. Mgr.	Motorola	8903 Rocky Knoll Lane	Richmond	TX	77469
Solis	Anna	Major Accts. Rep.	Dailey-Wells	3440 E. Houston St.	San Antonio	TX	78219
Speidel	Robert	Mgr. Government Affairs- Regulatory Policy	Harris	221 Jefferson Ridge Parkway	Lynchburg	VA	24505-2000

Region 53 700 MHz Plan

Appendix D – 700 MHz Interoperability Channel Recommended Nomenclature and Texas Statewide Interoperability Committee Guidelines

Region 53 will follow the guidelines presented in the most current Texas Statewide Interoperability Channel Plan (TSICP), found at the following website:

<http://tsiec.region49.org/MOU+TSICP.pdf>

The Texas State Interoperability Channel Plan for 700 MHz at the time of Plan submission is as follows:

TSICP 7. SPECIFIC GUIDELINES -- 700 MHz Channels

For narrowband 700 MHz interoperability, the 32 narrowband repeater channels, with their associated 32 direct channels, are described below.

700 MHz Interoperability Channels (12.5 kHz)

Emission Designator 11K2G2E

Mobile and Portable Configuration					
Label	Receive	Transmit	Station Class	P25 NAC Hex/Dec	Use
7CALL50	769.24375	799.24375	FX1T / MO	\$293 / 659	Calling Channel
7CALL50D	769.24375	769.24375	FX1T / MO	\$293 / 659	Calling Channel (Direct)
7TAC51	769.14375	799.14375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC51D	769.14375	769.14375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC52	769.64375	799.64375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC52D	769.64375	769.64375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC53	770.14375	800.14375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC53D	770.14375	770.14375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC54	770.64375	800.64375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC54D	770.64375	770.64375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC55	769.74375	799.74375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC55D	769.74375	769.74375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC56	770.24375	800.24375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC56D	770.24375	770.24375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7GTAC57	770.99375	800.99375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7GTAC57D	770.99375	770.99375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7MOB59	770.89375	800.89375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7MOB59D	770.89375	770.89375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7LAW61	770.39375	800.39375	FX1T / MO	\$293 / 659	Tactical Repeater Channel

7LAW61D	770.39375	770.39375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7LAW62	770.49375	800.49375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7LAW62D	770.49375	770.49375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7FIRE63	769.89375	799.89375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7FIRE63D	769.89375	769.89375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7FIRE64	769.99375	799.99375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7FIRE64D	769.99375	769.99375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7MED65	769.39375	799.39375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7MED65D	769.39375	769.39375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7MED66	769.49375	799.49375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7MED66D	769.49375	769.49375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7DATA69	770.74375	800.74375	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7DATA69D	770.74375	770.74375	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC71	773.10625	803.10625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC71D	773.10625	773.10625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC72	773.60625	803.60625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC72D	773.60625	773.60625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC73	774.10625	804.10625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC73D	774.10625	774.10625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC74	774.60625	804.60625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC74D	774.60625	774.60625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC75	773.75625	803.75625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC75D	773.75625	773.75625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7TAC76	774.25625	804.25625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7TAC76D	774.25625	774.25625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7GTAC77	774.85625	804.85625	FX1T / MO	\$293 / 659	Tactical Repeater Channel

7GTAC77D	774.85625	774.85625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7MOB79	774.50625	804.50625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7MOB79D	774.50625	774.50625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7LAW81	774.00625	804.00625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7LAW81D	774.00625	774.00625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7LAW82	774.35625	804.35625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7LAW82D	774.35625	774.35625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7FIRE83	773.50625	803.50625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7FIRE83D	773.50625	773.50625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7FIRE84	773.85625	803.85625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7FIRE84D	773.85625	773.85625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7MED86	773.00625	803.00625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7MED86D	773.00625	773.00625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7MED87	773.35625	803.35625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7MED87D	773.35625	773.35625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)
7DATA89	774.75625	804.75625	FX1T / MO	\$293 / 659	Tactical Repeater Channel
7DATA89D	774.75625	774.75625	FX1T / MO	\$293 / 659	Tactical Channel (Direct)

Temporary Calling Channel / Tactical Repeater Configuration					
Label	Transmit	Receive	Station Class	P25 NAC Hex/Dec	Use
7CALL50	769.24375	799.24375	FB2T	\$293 / 659	Temporary Calling Channel Repeater
7TAC51	769.14375	799.14375	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC52	769.64375	799.64375	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC53	770.14375	800.14375	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC54	770.64375	800.64375	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC55	769.74375	799.74375	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC56	770.24375	800.24375	FB2T	\$293 / 659	Temporary Tactical Repeater
7GTAC57	770.99375	800.99375	FB2T	\$293 / 659	Temporary Tactical Repeater
7MOB59	770.89375	800.89375	FB2T	\$293 / 659	Temporary Tactical Repeater
7LAW61	770.39375	800.39375	FB2T	\$293 / 659	Temporary Tactical Repeater
7LAW62	770.49375	800.49375	FB2T	\$293 / 659	Temporary Tactical Repeater
7FIRE63	769.89375	799.89375	FB2T	\$293 / 659	Temporary Tactical Repeater
7FIRE64	769.99375	799.99375	FB2T	\$293 / 659	Temporary Tactical Repeater
7MED65	769.39375	799.39375	FB2T	\$293 / 659	Temporary Tactical Repeater
7MED66	769.49375	799.49375	FB2T	\$293 / 659	Temporary Tactical Repeater
7DATA69	770.74375	800.74375	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC71	773.10625	803.10625	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC72	773.60625	803.60625	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC73	774.10625	804.10625	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC74	774.60625	804.60625	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC75	773.75625	803.75625	FB2T	\$293 / 659	Temporary Tactical Repeater
7TAC76	774.25625	804.25625	FB2T	\$293 / 659	Temporary Tactical Repeater

7GTAC77	774.85625	804.85625	FB2T	\$293 / 659	Temporary Tactical Repeater
7MOB79	774.50625	804.50625	FB2T	\$293 / 659	Temporary Tactical Repeater
7LAW81	774.00625	804.00625	FB2T	\$293 / 659	Temporary Tactical Repeater
7LAW82	774.35625	804.35625	FB2T	\$293 / 659	Temporary Tactical Repeater
7FIRE83	773.50625	803.50625	FB2T	\$293 / 659	Temporary Tactical Repeater
7FIRE84	773.85625	803.85625	FB2T	\$293 / 659	Temporary Tactical Repeater
7MED86	773.00625	803.00625	FB2T	\$293 / 659	Temporary Tactical Repeater
7MED87	773.35625	803.35625	FB2T	\$293 / 659	Temporary Tactical Repeater
7DATA89	774.75625	804.75625	FB2T	\$293 / 659	Temporary Tactical Repeater

Note the following:

- Narrowband 700 MHz interoperability channels are identified by the FCC for interoperability use within Texas. All fixed 700 MHz interoperable channel locations must be reviewed by the Texas Statewide Interoperability Executive Committee (TSIEC) prior to implantation. Some of these interoperable channels may already be licensed by multiple agencies for interoperability use throughout the state.
- All 700 MHz interoperability channels are to be used as multi-discipline, multi-agency public safety interoperability calling channels for all public safety agencies and other signatories to the MOU associated with this channel plan. These channels are designated for interoperable 700 MHz narrowband communications between mobile/portable radios and base stations, temporary base stations and on-incident incident commander.
- The tactical repeater channels and direct channels identified in Figure 4 should be assigned on-incident by the incident commander.
- Wide implementation of 700 MHz radio systems is not anticipated until after 2008 (Some equipment is presently capable of 700/800 MHz operation). Users of this channel plan should anticipate development of additional guidance prior to that time.
- National efforts to standardize interoperability channel names have been undertaken to ensure that public safety equipment uses a common naming convention. In accordance with these efforts, the labels shown are to be implemented by as soon as possible, but no later than January 1, 2009. These labels are listed in the Figure 4 and all participating agencies must use these labels.

Region 53 700MHz Plan

Appendix E - Simplified 700 MHz Pre-assignment Rules

Introduction

This paper describes a process for coordinating the initial block assignments of 700 MHz channels before details of actual system deployments is available. In this initial phase, there is little actual knowledge of the specific equipment to be deployed and the exact antenna sites locations. As a result, a simple, high-level 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.

The calculations and examples presented in this Appendix are specific to ANSI/TIA/EIA-102 series (Project 25) standards, unless stated otherwise. General Use channels may employ other digital technologies. When evaluating interference potential involving other digital technologies, refer to the latest version of TIA Technical Services Bulletin TSB-88.

Overview

Assignments will be based on a defined service area for each applicant. This will normally be an area defined by geographical or political boundaries such as city, county or by a data file consisting of line segments creating a polygon that encloses the defined area. The service contour is normally allowed to extend slightly beyond the geo/political boundaries such that systems can be designed for maximum signal levels within the boundaries, or coverage area. Systems must also be designed to minimize signal levels outside their geo/political boundaries to avoid interference into the coverage area of other co-channel users.

For co-channel assignments, the 40 dB μ service 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 rural. The co-channel 5 dB μ interfering contour will be allowed to touch but not overlap the 40 dB μ service contour of the system being evaluated. All contours are (50, 50).

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

Discussion

Based upon the ERP/HAAT limitations referenced in 47CFR 90.541(a), the maximum field strength will be limited to 40 dB relative to 1 μ V/m (customarily denoted as 40 dB μ). It is assumed that this limitation will be applied similar to the way it is applied in the 821-824/866-869 MHz band. That is, a 40 dB μ ° field strength can be deployed up to a defined distance beyond 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 that public safety systems have adequate margins for

reliability within their service area in the presence of interference, including the potential for interference from CMRS infrastructure in adjacent bands.

The value of $40 \text{ dB}\mu^\circ$ in the 700 MHz band corresponds to a signal of -92.7 dBm , received by a half-wavelength dipole ($1/2$) antenna. The thermal noise floor for a 6.25 kHz bandwidth 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 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.

If CMRS out-of-band emissions (OOBE) noise is allowed to be equal to the original thermal noise floor, there is a 3 dB reduction¹ in the available margin. This lowers the reliability and/or the channel performance of Public Safety systems. The left side of Figure 1 shows that the original 33 dB margin is reduced by 3 dB to only 30 dB available to determine “noise + CMRS OOBE limited” performance and reliability.

There are also different technologies with various channel bandwidths and different performance criteria. C/N in the range of 17 – 20 dB is required to achieve channel performance.

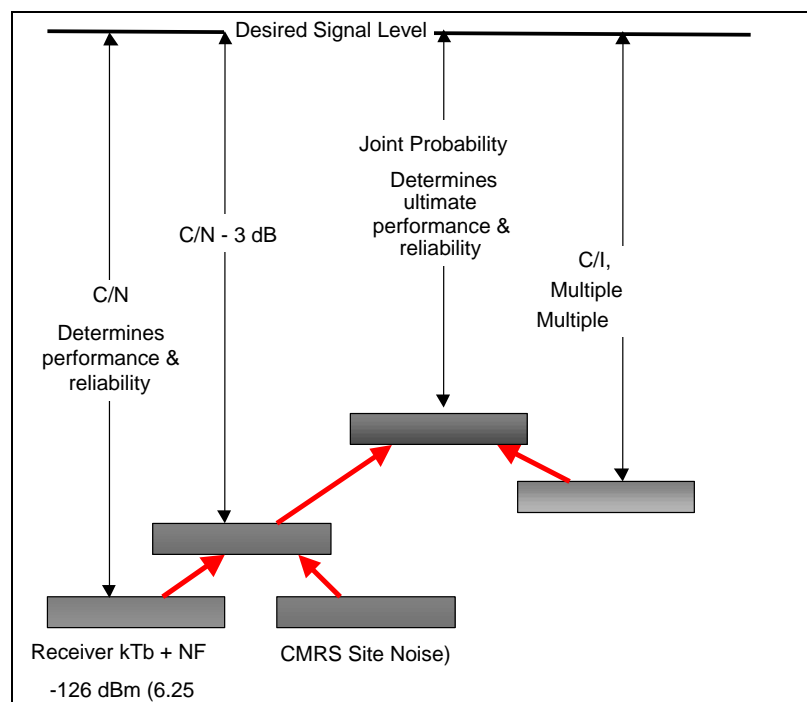


Figure 1 - Interfering Sources Create a “Noise” Level Influencing Reliability

In addition, 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. At the

¹ TR8 made this 3 dB allowance for CMRS OOBE noise during the meetings in Mesa, AZ, January 2001.

edge of the service area, there would normally be only a single co-channel source, but there could potentially be several adjacent or alternate channel sources involved. It is recommended that co-channel assignments limit interference to <1% at the edge of the service area (worst case mile). A C/I ratio of 26.4 dB plus the required capture value (~10 dB) is required to achieve this goal.²

The ultimate performance and reliability has to take into consideration both the noise sources (thermal & CMRS OOB) and all the interference sources. The center of Figure 1 shows that the joint probability that both performance criteria and interference criteria are met must be determined.

Table 1 shows estimated performance considering the 3 dB rise in the noise floor at the 40 dBμ signal level. Performance varies due to the different Cf/N requirements and noise floors of the different modulations and channel bandwidths.

Note that since little is known about the affects of terrain, an initial lognormal standard deviation of 8 dB is used.

Comparison of Joint Reliability				
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)	94.7%	94.7%	90.4%	76.1%
40 dBu = -92.7 dBm @ 770 MHz				

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

These values are appropriate for a mobile on the street, but are considerably short to provide reliable communications to portables inside buildings.

Portable In-Building Coverage

Most Public Safety communications systems, today, are designed for portable in-building³

² See Attachment A for an explanation of how the 1% interference value is defined and derived.

coverage and the requirement for >95 % reliable coverage. To analyze the impact of requiring portable in building coverage and designing to a 40 dBμ service contour, several scenarios are presented. The different scenarios involve a given separation from the desired sites. Whether simulcast or multi-cast is used in wide-area systems, the antenna sites must be placed near the service area boundary and directional antennas, directed into the service area, must be used. The impact of simulcast is included to show that the 40 dBμ service contour must be able to fall outside the edge of the service area in order to meet coverage requirements at the edge of the service area. From the analysis, recommendations are made on how far the 40 dBμ service contour should extend beyond the service area.

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 OOB is suppressed to TIA's most recent recommendation and the "site isolation" is maintained at 65 dB minimum.
- The 40 dBμ service contour 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.
- 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 a single site cannot provide >95% reliability. Either more sites must be used to reduce the distance, or other system design techniques must be used to improve the reliability. For example, the table shows that simulcast can be used to achieve public safety levels of reliability at this distance. Table 2 also shows that the difference in performance margin requirements for wider bandwidth channels requires more

³ Building penetration losses typically required for urban = 20 dB, suburban = 15 dB, rural = 10 dB.

sites and closer site-to-site separation.

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
<hr/>	
23.75 dBW » 240 Watts (ERPd)	

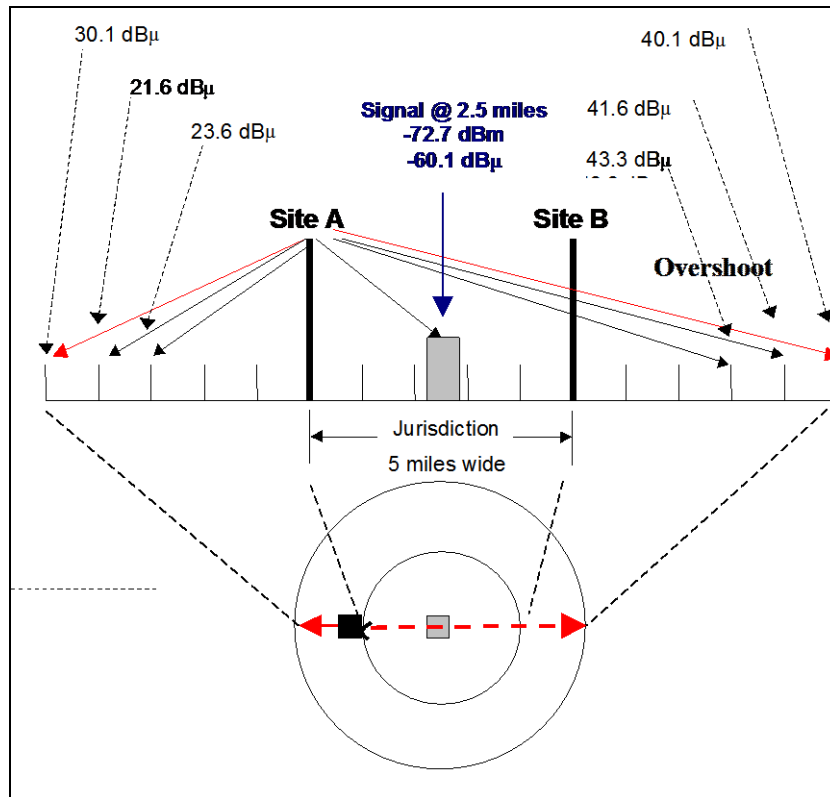


Figure 2 - Field Strength From Left Most Site.

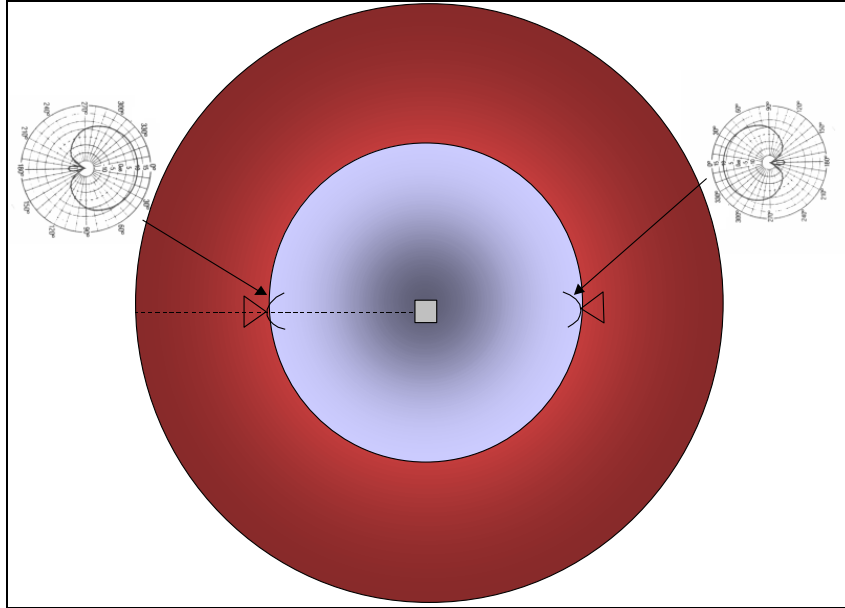


Figure 3 - Antenna Configuration Required To Limit Field Strength Off “Backside”

Figure 2 is for an urbanized area with a jurisdiction defined as 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 and utilize directional 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 a composite field strength of approximately 40 dB μ . 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 back scatter 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 a field strength 5 miles beyond in excess of 44 dB μ . 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.

Instead of directional antennas, down-tilting of antennas to control the 40 dB μ is not practical in this scenario. For a 200 foot tall tower, the center of radiation from a 3 degree down-tilt antenna hits the ground at ~ 0.75 miles⁴. The difference in angular discrimination from a 200 foot tall tower at service area boundary at 5 miles and service contour at 10 miles is approximately 0.6 degrees, so ERP is basically the same as ERP toward the horizon. It would not be possible to

⁴ Use of high gain antennas with down-tilt on low-level sites is one of the causes of far-near interference experienced in the 800 MHz band.

achieve necessary signal strength at service area boundary and have 40 dBμ service contour be less than 5 miles away.

Tables 3 and 4 represent the same configuration, but for less dense buildings. In these cases, the distance to extend the 40 dBμ service contour can be determined from Table 5.

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 3.5 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 5.0 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.

	Site A Direct Path	Site B Back Side of 20 dB F/B Antenna
Overshoot Distance (mi)	Field Strength (dBμ)	Field Strength (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

For the scenarios above, the composite level at the Service Contour is the sum of the signals from the two sites. The sum can not exceed 40 dBμ. Table 5 allows you to calculate the distance to Service Contour given the distance from one of the sites.

Scenario 1: Refer to Figure 3a. Site B is just inside the Service Area boundary and Service Contour must be <5 Miles outside Service Area boundary. Signal level at Service Contour from Site B is 30.1 dBμ. Signal level for Site A can be up to 40 dBμ, since when summing two signals with >10 dB delta, the lower signal level has little effect (less than 0.4 dB in this case). Therefore, Site A can be 10 miles from the Service Contour, or 5 miles inside the Service Area boundary. The coverage performance for this scenario is shown in Table 2, above, for 20 dB building loss typical of urban areas.

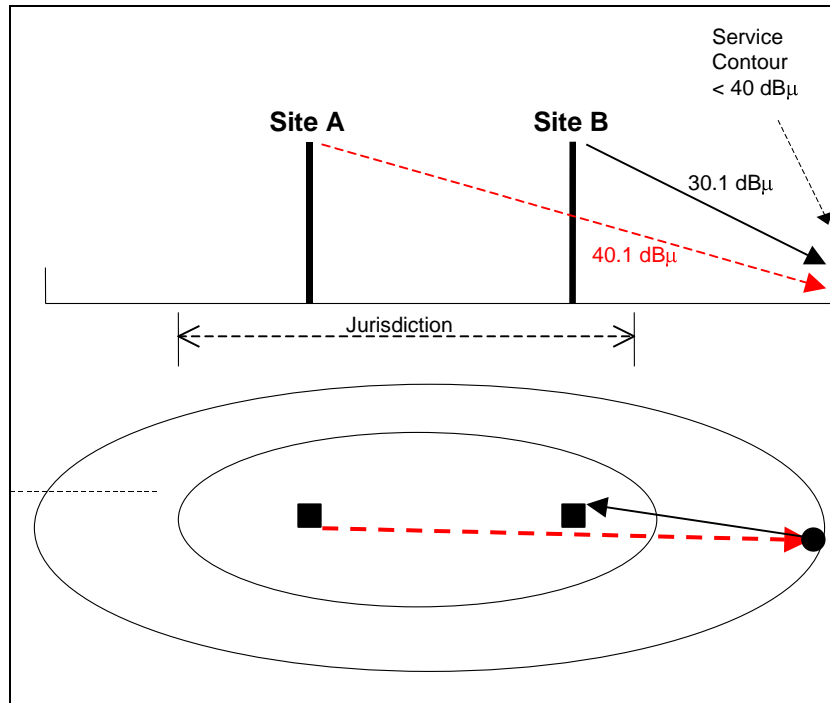


Figure 3a. Scenario 1 on of Use of Table 5

Scenario 2: Refer to bold data in Table 5. Site B is just inside the Service Area boundary and Service Contour must be <4 Miles outside Service Area boundary. Signal level at Service Contour from Site B is 33.5 dBμ. Signal level for Site A can be up to 38.4 dBμ. (See Attachment B for simple method to sum the powers of signals expressed in decibels.) The composite power level is 39.7 dBμ. Therefore, Site A can be slightly less than 11 miles from the Service Contour, or ~7 miles inside the Service Area boundary. The coverage performance for this example is shown in Table 3, above, for 15 dB building loss typical of suburban areas.

Scenario 3: Site B is just inside the Service Area boundary and Service Contour must be <3 Miles outside Service Area boundary. Signal level at Service Contour from Site B is 37.5 dBμ. Signal level for Site A can be up to 36.4 dBμ. (See Attachment B simple method to sum signals expressed in decibels.) The composite power level is 40.0 dBμ. Therefore, Site A can be ~13 miles from the Service Contour, or ~10 miles inside the Service Area boundary. The coverage performance for this example is shown in Table 4, above, for 10 dB building loss typical of rural areas.

Service Contour Extension Recommendation

The resulting recommendation for extending the 40 dBμ service contour beyond the service area boundary is:

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

Using this recommendation, the 40 dB μ service contour can then be constructed based on the defined service area without having to perform an actual prediction.

Interfering Contour

Table 1 shows that 36.4 dB of margin is required to provide 10 dB of co-channel capture and <1% probability of interference. Since the 40 dB μ service contour is beyond the edge of the service area, some relaxation in the level of interference is reasonable. Therefore, a 35 dB co-channel C/I ratio is recommended and is consistent with what is currently being licensed in the 821-824/866-869 MHz Public Safety band.

Co-Channel Interfering Contour Recommendation

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

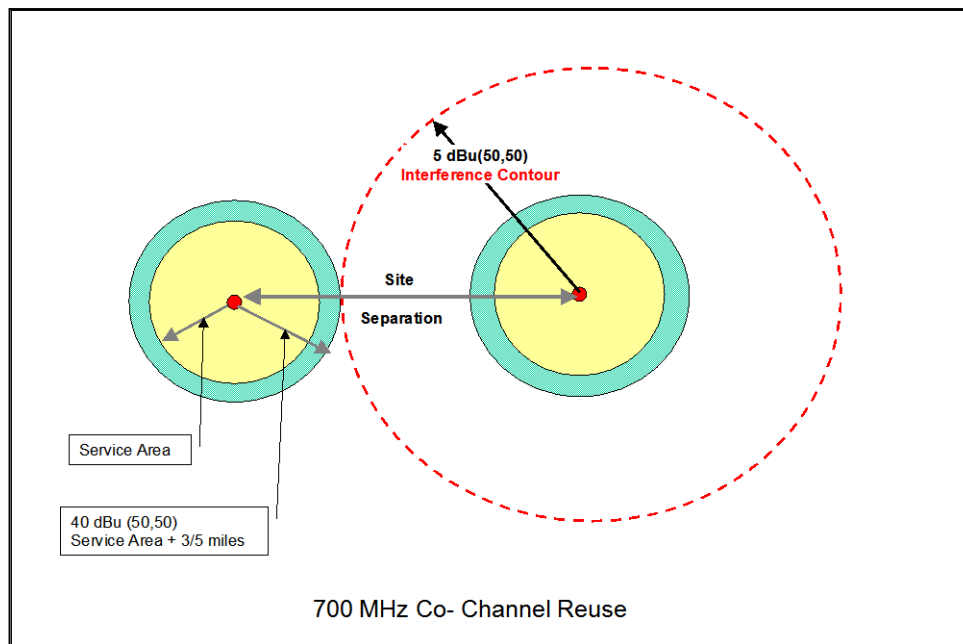


Figure 4 - Co-Channel Reuse Criterion

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 OOB.

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 (e.g., 6 kHz ENBW). ACP defines the energy in a measured bandwidth that is typically wider than the receiver (e.g., 6.25 kHz channel bandwidth). As a result, the FCC values are optimistic at very close spacing and somewhat pessimistic at wider spacings, as the typical receiver filter is less than the channel bandwidth.

In addition, as channel bandwidth is increased, the total amount of noise intercepted rises compared to the level initially defined in a 6.25 kHz channel band width. However, the effect is diminished at very close spacings as the slope of the noise curve falls off rapidly. At greater spacings, the slope of the noise curve is essentially flat and the receiver’s filter limits the noise to a 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 muting in digital receivers. Therefore to maintain a $DAQ = 3$, at least 17 dB of fading margin plus the 26.4 dB margin for keeping the interference below 1% probability is required, for a total margin of 43.4 dB. However, this margin would be at the edge of the service area and the 40 dBμ service contour 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.

The ANSI/TIA/EIA-102 series (Project 25) standards require that a transceiver receiver have an ACIPR of 60 dB. This implies that an ACCPR ³ 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. Note that these calculations apply only to interference between systems built to Project 25 standards. General Use channels may employ other digital technologies.

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 ³ 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 spectrum blocks.

The assumption is that initial spectrum coordination sorts are based on 25 kHz bandwidth 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.

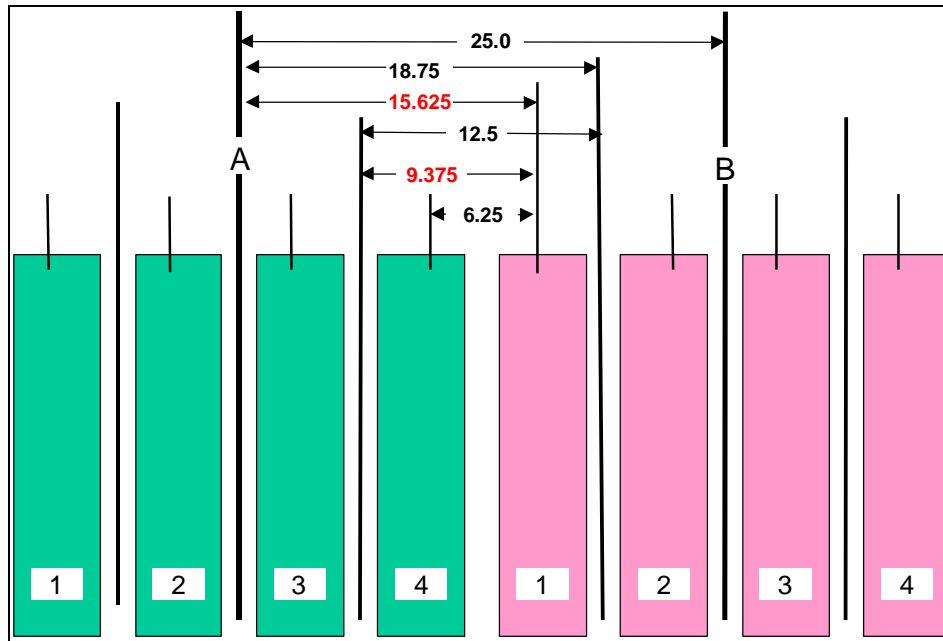


Figure 5, Potential Frequency Separations

Case	Spacing	ACCPR
25 kHz to 25 kHz	25 kHz	65 dB
25 kHz to 12.5 kHz	18.750 kHz	65 dB
25 kHz to 6.25 kHz	15.625 kHz	>40 dB
12.5 kHz to 12.5 kHz	12.5 kHz	65 dB
12.5 kHz to 6.25 kHz	9.375 kHz	>40 dB
6.25 kHz to 6.25 kHz	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 Project 25 Phase 2 narrowband 6.25 kHz channel. This pre-coordination based upon 25 kHz spectrum blocks still works if system designers and frequency coordinators keep this consideration in mind and move the edge 6.25 kHz channels inward away from the edge of the system. This approach allows a constant value of 65 dB ACCPR to be applied across all 25 kHz spectrum blocks regardless of what channel bandwidth is eventually deployed. There will also be additional coordination adjustments when exact system design details and antenna sites are known.

For spectrum blocks spaced farther away, it must be assumed that transmitter filtering, in addition to transmitter performance improvements due to greater frequency separation, will further reduce the ACCPR.

Therefore it is recommended that a consistent value of 65 dB ACCPR be used for the initial coordination of adjacent 25 kHz channel blocks. Rounding to be conservative due to the possibility of multiple sources allows the Adjacent Channel Interfering Contour to be approximately 20 dB above the 40 dB μ service contour, at 60 dB μ .

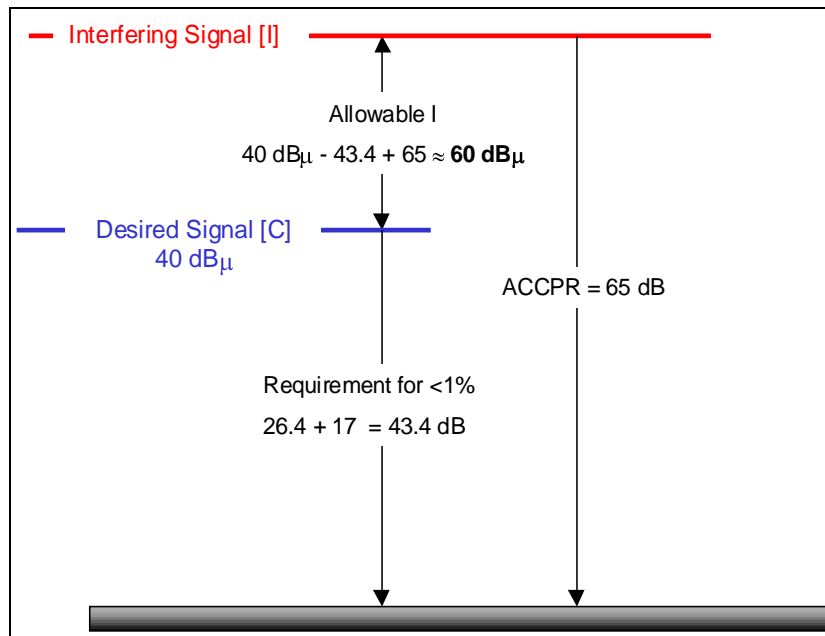


Figure 6 - Adjusted Adjacent 25 kHz Channel Interfering Contour Value

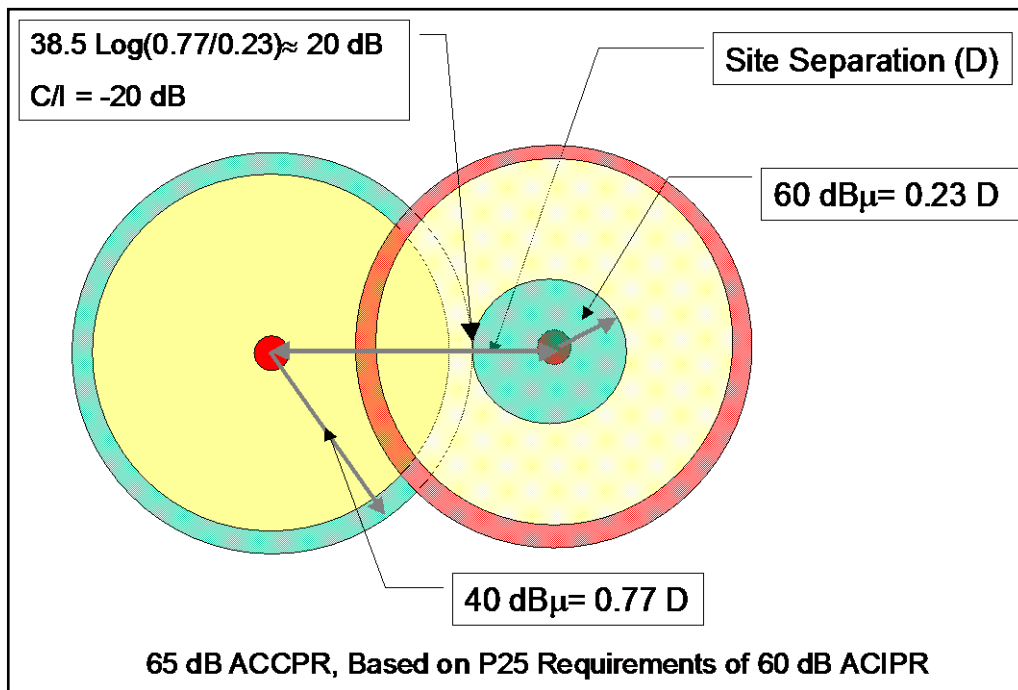


Figure 7 - Example of Adjacent/Alternate Overlap Criterion

Adjacent Channel Interfering Contour Recommendation

An adjacent (25 kHz) channel shall be allowed to have its 60 dBμ (50, 50) interfering contour

touch but not overlap the 40 dB ° (50, 50) service contour of a system being evaluated. Evaluations should be made in both directions.

Final Detailed Coordination

This simple method is only adequate for presorting large blocks of spectrum 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 ERPs and HAATs
- 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.

Attachment A

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, if 10% Interference is specified, the C/I implies 90% probability of successfully achieving the desired ratio. 1% interference means that there is a 99% probability of achieving the desired C/I.

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

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.

$$\frac{C}{I} \% = Z \cdot \sqrt{2} \cdot \sigma \quad (2)$$

The most common requirements for several typical lognormal standard deviations (?) 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

These various relationships are shown in Figure A1, a continuous plot of equation(s) 1 and 2.

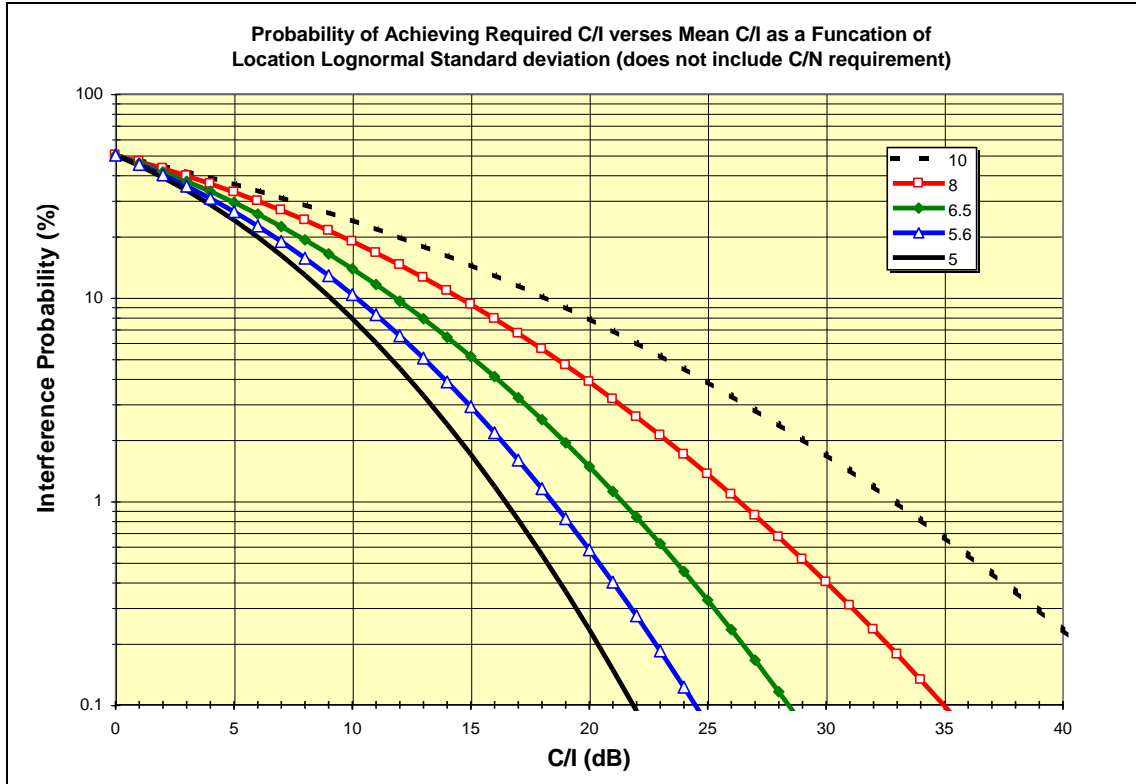


Figure A1, Probability of Achieving Required C/I As A Function Of Location Standard Deviation

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 value 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. Using 8 dB initially and changing to 5.6 dB provides additional flexibility necessary to complete the final system 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 in less degradation of the 90%.

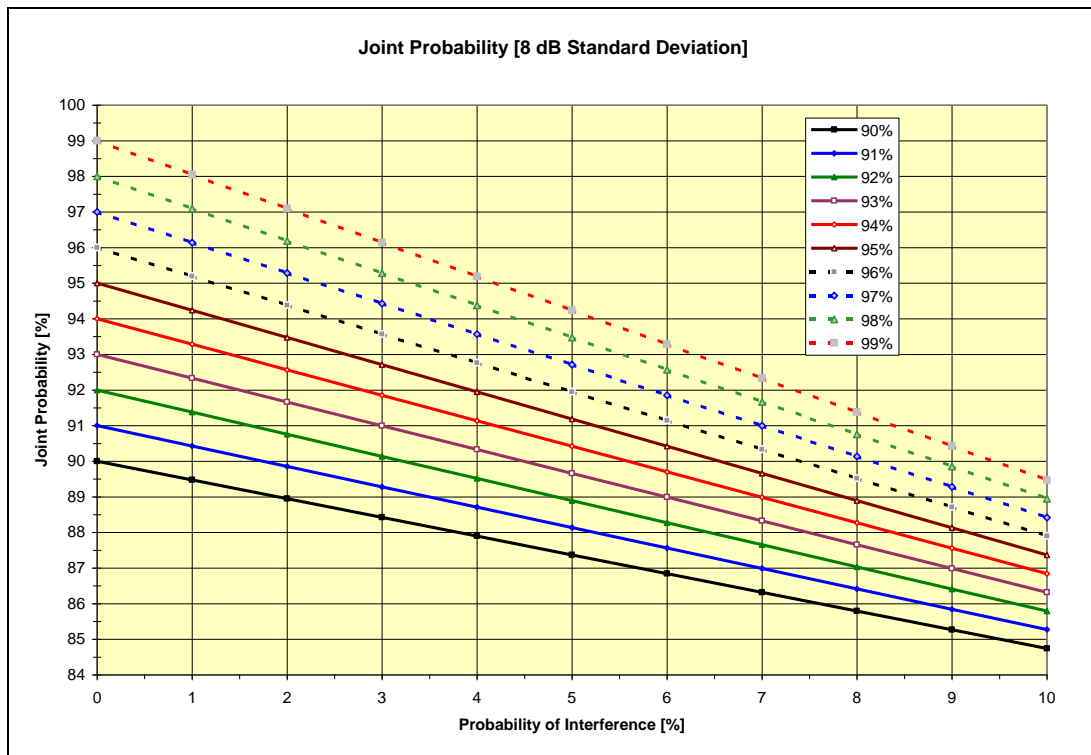
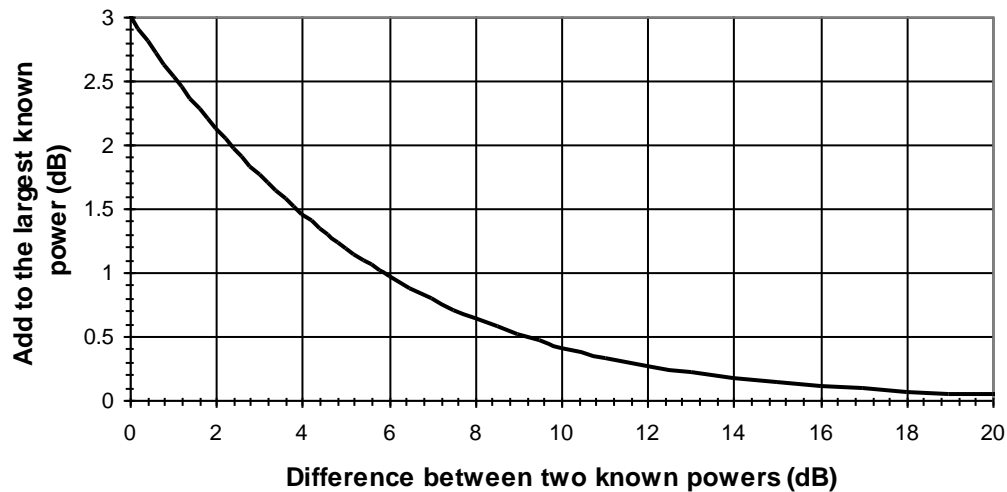


Figure A2 - Effect of Joint Probability On The Composite Probability

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.

Attachment B

Adding Two Known Non-Coherent Powers



In order to sum the power of two or more signals expressed in dBm or dBμ, the level should be converted to a voltage level or a power level, summed (root of the sum of the squares), and then converted back to dBm or dBμ.

The chart above provides simple method to sum two power levels expressed in dBm or dBμ. First find the difference between the two signals on the horizontal axis. Go up to the curve and across to the vertical axis to find the power delta. Add the power delta to the larger of the two original signal levels.

Example 1: Signal A is 36.4 dBμ. Signal B is 37.5 dBμ. Difference is 1.1 dB. Power delta is about 2.5 dB. Composite signal level is 37.5 dBμ + 2.5 dB = 40 dBμ.

Example 2: Signal is -96.3 dBm. Signal B is -95.2 dBm. Difference is 1.1 dB. Power delta is about 2.5 dB. Composite signal level is -95.2 dBm + 2.5 dB = -92.7 dBm.

The Region 53 Channel allocations have been established by the CAPRAD packing program. Region 53 anticipates an open filing window where applicants can apply for available channels in their county area. A “County Area” is defined as an area consisting of the area within the county as well as a distance of up to 10 miles outside of the county. It is anticipated this extended county area will enable Region 53 to maximize channel re-use of any “orphan” remainders.

05/07/2012

Region 53 - Texas - San Antonio
Allotments by FCC Channel

FCC Channel	Bandwidth	Mobile Frequency	Base Frequency	County
13-14	12.50 KHz	799.081250 MHz	769.081250 MHz	Bee Cameron Edwards Frio Lavaca
15-16	12.50 KHz	799.093750 MHz	769.093750 MHz	Bee Cameron Edwards Frio Lavaca
17-18	12.50 KHz	799.106250 MHz	769.106250 MHz	Bexar Maverick Nueces Starr
19-20	12.50 KHz	799.118750 MHz	769.118750 MHz	Bexar Maverick Nueces Starr
25-26	12.50 KHz	799.156250 MHz	769.156250 MHz	Kerr Live Oak Val Verde Willacy Zapata Zavala
27-28	12.50 KHz	799.168750 MHz	769.168750 MHz	Kerr Live Oak Val Verde Willacy Zapata Zavala
29-30	12.50 KHz	799.181250 MHz	769.181250 MHz	Bexar Brooks Calhoun
31-32	12.50 KHz	799.193750 MHz	769.193750 MHz	Bexar Brooks Calhoun
33-34	12.50 KHz	799.206250 MHz	769.206250 MHz	Cameron De Witt Nueces Uvalde Webb
35-36	12.50 KHz	799.218750 MHz	769.218750 MHz	Cameron

				De Witt Nueces Uvalde Webb
41-42	12.50 KHz	799.256250 MHz	769.256250 MHz	Guadalupe Jim Wells Uvalde Victoria
43-44	12.50 KHz	799.268750 MHz	769.268750 MHz	Guadalupe Jim Wells Uvalde Victoria
45-46	12.50 KHz	799.281250 MHz	769.281250 MHz	Atascosa Hidalgo Kerr Val Verde Webb
47-48	12.50 KHz	799.293750 MHz	769.293750 MHz	Atascosa Hidalgo Kerr Val Verde Webb
49-50	12.50 KHz	799.306250 MHz	769.306250 MHz	Comal San Patricio Zavala
51-52	12.50 KHz	799.318750 MHz	769.318750 MHz	Comal San Patricio Zavala
53-54	12.50 KHz	799.331250 MHz	769.331250 MHz	Calhoun Duval Karnes Real Willacy
55-56	12.50 KHz	799.343750 MHz	769.343750 MHz	Calhoun Duval Karnes Real Willacy
57-58	12.50 KHz	799.356250 MHz	769.356250 MHz	Bexar Lavaca Maverick Nueces Zapata
59-60	12.50 KHz	799.368750 MHz	769.368750 MHz	Bexar Lavaca Maverick Nueces Zapata
65-66	12.50 KHz	799.406250 MHz	769.406250 MHz	Kenedy Maverick Medina San Patricio Zapata
67-68	12.50 KHz	799.418750 MHz	769.418750 MHz	Kenedy Maverick Medina San Patricio Zapata
69-70	12.50 KHz	799.431250 MHz	769.431250 MHz	Gillespie

				McMullen
71-72	12.50 KHz	799.443750 MHz	769.443750 MHz	Gillespie McMullen
73-74	12.50 KHz	799.456250 MHz	769.456250 MHz	Bexar Cameron Dimmit Edwards Jim Hogg Lavaca Nueces
75-76	12.50 KHz	799.468750 MHz	769.468750 MHz	Bexar Cameron Dimmit Edwards Jim Hogg Lavaca Nueces
81-82	12.50 KHz	799.506250 MHz	769.506250 MHz	Kendall Kleberg Starr Victoria
83-84	12.50 KHz	799.518750 MHz	769.518750 MHz	Kendall Kleberg Starr Victoria
85-86	12.50 KHz	799.531250 MHz	769.531250 MHz	Aransas Atascosa Cameron Uvalde Webb
87-88	12.50 KHz	799.543750 MHz	769.543750 MHz	Aransas Atascosa Cameron Uvalde Webb
89-90	12.50 KHz	799.556250 MHz	769.556250 MHz	Comal Jim Wells
91-92	12.50 KHz	799.568750 MHz	769.568750 MHz	Comal Jim Wells
93-94	12.50 KHz	799.581250 MHz	769.581250 MHz	De Witt Hidalgo Medina Val Verde
95-96	12.50 KHz	799.593750 MHz	769.593750 MHz	De Witt Hidalgo Medina Val Verde
97-98	12.50 KHz	799.606250 MHz	769.606250 MHz	Gillespie Guadalupe La Salle Maverick San Patricio Zapata
99-100	12.50 KHz	799.618750 MHz	769.618750 MHz	Gillespie Guadalupe La Salle Maverick San Patricio Zapata

105-106	12.50 KHz	799.656250 MHz	769.656250 MHz	Comal Hidalgo Kinney Live Oak Victoria
107-108	12.50 KHz	799.668750 MHz	769.668750 MHz	Comal Hidalgo Kinney Live Oak Victoria
109-110	12.50 KHz	799.681250 MHz	769.681250 MHz	Frio Gonzales Kerr Kleberg
111-112	12.50 KHz	799.693750 MHz	769.693750 MHz	Frio Gonzales Kerr Kleberg
113-114	12.50 KHz	799.706250 MHz	769.706250 MHz	Bexar Cameron Jackson San Patricio Val Verde Webb
115-116	12.50 KHz	799.718750 MHz	769.718750 MHz	Bexar Cameron Jackson San Patricio Val Verde Webb
121-122	12.50 KHz	799.756250 MHz	769.756250 MHz	Bexar Dimmit Nueces Starr Victoria
123-124	12.50 KHz	799.768750 MHz	769.768750 MHz	Bexar Dimmit Nueces Starr Victoria
125-126	12.50 KHz	799.781250 MHz	769.781250 MHz	Bee Kerr Willacy
127-128	12.50 KHz	799.793750 MHz	769.793750 MHz	Bee Kerr Willacy
129-130	12.50 KHz	799.806250 MHz	769.806250 MHz	Atascosa Jackson Kleberg Uvalde Webb
131-132	12.50 KHz	799.818750 MHz	769.818750 MHz	Atascosa Jackson Kleberg Uvalde Webb
133-134	12.50 KHz	799.831250 MHz	769.831250 MHz	Goliad Hidalgo Kendall

135-136	12.50 KHz	799.843750 MHz	769.843750 MHz	Goliad Hidalgo Kendall
137-138	12.50 KHz	799.856250 MHz	769.856250 MHz	La Salle Maverick San Patricio Wilson Zapata
139-140	12.50 KHz	799.868750 MHz	769.868750 MHz	La Salle Maverick San Patricio Wilson Zapata
145-146	12.50 KHz	799.906250 MHz	769.906250 MHz	De Witt Hidalgo La Salle Maverick Nueces
147-148	12.50 KHz	799.918750 MHz	769.918750 MHz	De Witt Hidalgo La Salle Maverick Nueces
149-150	12.50 KHz	799.931250 MHz	769.931250 MHz	Bandera Bee
151-152	12.50 KHz	799.943750 MHz	769.943750 MHz	Bandera Bee
153-154	12.50 KHz	799.956250 MHz	769.956250 MHz	Dimmit Guadalupe Jim Wells Val Verde Victoria Willacy Zapata
155-156	12.50 KHz	799.968750 MHz	769.968750 MHz	Dimmit Guadalupe Jim Wells Val Verde Victoria Willacy Zapata
161-162	12.50 KHz	800.006250 MHz	770.006250 MHz	Bexar Cameron Nueces Real Starr Val Verde Victoria
163-164	12.50 KHz	800.018750 MHz	770.018750 MHz	Bexar Cameron Nueces Real Starr Val Verde Victoria
165-166	12.50 KHz	800.031250 MHz	770.031250 MHz	Bee Frio
167-168	12.50 KHz	800.043750 MHz	770.043750 MHz	Bee Frio

169-170	12.50 KHz	800.056250 MHz	770.056250 MHz	Calhoun Guadalupe Kinney Kleberg Webb Willacy
171-172	12.50 KHz	800.068750 MHz	770.068750 MHz	Calhoun Guadalupe Kinney Kleberg Webb Willacy
173-174	12.50 KHz	800.081250 MHz	770.081250 MHz	De Witt Medina
175-176	12.50 KHz	800.093750 MHz	770.093750 MHz	De Witt Medina
177-178	12.50 KHz	800.106250 MHz	770.106250 MHz	Hidalgo Kerr La Salle Maverick San Patricio Wilson
179-180	12.50 KHz	800.118750 MHz	770.118750 MHz	Hidalgo Kerr La Salle Maverick San Patricio Wilson
185-186	12.50 KHz	800.156250 MHz	770.156250 MHz	Frio Hidalgo Jackson Kinney Nueces
187-188	12.50 KHz	800.168750 MHz	770.168750 MHz	Frio Hidalgo Jackson Kinney Nueces
189-190	12.50 KHz	800.181250 MHz	770.181250 MHz	Goliad Kerr Webb
191-192	12.50 KHz	800.193750 MHz	770.193750 MHz	Goliad Kerr Webb
193-194	12.50 KHz	800.206250 MHz	770.206250 MHz	Bexar Cameron Jim Wells Zavala
195-196	12.50 KHz	800.218750 MHz	770.218750 MHz	Bexar Cameron Jim Wells Zavala
201-202	12.50 KHz	800.256250 MHz	770.256250 MHz	Cameron Nueces Uvalde Victoria
203-204	12.50 KHz	800.268750 MHz	770.268750 MHz	Cameron Nueces

				Uvalde Victoria
205-206	12.50 KHz	800.281250 MHz	770.281250 MHz	Bexar Starr
207-208	12.50 KHz	800.293750 MHz	770.293750 MHz	Bexar Starr
209-210	12.50 KHz	800.306250 MHz	770.306250 MHz	Bee Kinney Lavaca Webb Willacy
211-212	12.50 KHz	800.318750 MHz	770.318750 MHz	Bee Kinney Lavaca Webb Willacy
213-214	12.50 KHz	800.331250 MHz	770.331250 MHz	Jim Wells Medina
215-216	12.50 KHz	800.343750 MHz	770.343750 MHz	Jim Wells Medina
217-218	12.50 KHz	800.356250 MHz	770.356250 MHz	Dimmit Hidalgo Jackson Real Val Verde Wilson
219-220	12.50 KHz	800.368750 MHz	770.368750 MHz	Dimmit Hidalgo Jackson Real Val Verde Wilson
225-226	12.50 KHz	800.406250 MHz	770.406250 MHz	Atascosa Hidalgo Nueces Uvalde
227-228	12.50 KHz	800.418750 MHz	770.418750 MHz	Atascosa Hidalgo Nueces Uvalde
229-230	12.50 KHz	800.431250 MHz	770.431250 MHz	Gonzales Refugio Webb
231-232	12.50 KHz	800.443750 MHz	770.443750 MHz	Gonzales Refugio Webb
233-234	12.50 KHz	800.456250 MHz	770.456250 MHz	Bexar Cameron Jim Wells Zavala
235-236	12.50 KHz	800.468750 MHz	770.468750 MHz	Bexar Cameron Jim Wells Zavala
241-242	12.50 KHz	800.506250 MHz	770.506250 MHz	Cameron Gillespie Gonzales

				San Patricio Uvalde
243-244	12.50 KHz	800.518750 MHz	770.518750 MHz	Cameron Gillespie Gonzales San Patricio Uvalde
245-246	12.50 KHz	800.531250 MHz	770.531250 MHz	Bexar Kleberg Starr Victoria
247-248	12.50 KHz	800.543750 MHz	770.543750 MHz	Bexar Kleberg Starr Victoria
249-250	12.50 KHz	800.556250 MHz	770.556250 MHz	Bee Kerr Webb Willacy
251-252	12.50 KHz	800.568750 MHz	770.568750 MHz	Bee Kerr Webb Willacy
253-254	12.50 KHz	800.581250 MHz	770.581250 MHz	Comal De Witt Nueces
255-256	12.50 KHz	800.593750 MHz	770.593750 MHz	Comal De Witt Nueces
257-258	12.50 KHz	800.606250 MHz	770.606250 MHz	Atascosa Calhoun Hidalgo Real Val Verde
259-260	12.50 KHz	800.618750 MHz	770.618750 MHz	Atascosa Calhoun Hidalgo Real Val Verde
265-266	12.50 KHz	800.656250 MHz	770.656250 MHz	Hidalgo Nueces Uvalde Wilson
267-268	12.50 KHz	800.668750 MHz	770.668750 MHz	Hidalgo Nueces Uvalde Wilson
269-270	12.50 KHz	800.681250 MHz	770.681250 MHz	Val Verde Victoria Webb
271-272	12.50 KHz	800.693750 MHz	770.693750 MHz	Val Verde Victoria Webb
273-274	12.50 KHz	800.706250 MHz	770.706250 MHz	Bexar Cameron San Patricio Starr Zavala

275-276	12.50 KHz	800.718750 MHz	770.718750 MHz	Bexar Cameron San Patricio Starr Zavala
281-282	12.50 KHz	800.756250 MHz	770.756250 MHz	Cameron Frio Jim Wells Lavaca Maverick
283-284	12.50 KHz	800.768750 MHz	770.768750 MHz	Cameron Frio Jim Wells Lavaca Maverick
285-286	12.50 KHz	800.781250 MHz	770.781250 MHz	Aransas Bexar Starr
287-288	12.50 KHz	800.793750 MHz	770.793750 MHz	Aransas Bexar Starr
289-290	12.50 KHz	800.806250 MHz	770.806250 MHz	Bee Kenedy Kerr Zavala
291-292	12.50 KHz	800.818750 MHz	770.818750 MHz	Bee Kenedy Kerr Zavala
293-294	12.50 KHz	800.831250 MHz	770.831250 MHz	Comal
295-296	12.50 KHz	800.843750 MHz	770.843750 MHz	Comal
297-298	12.50 KHz	800.856250 MHz	770.856250 MHz	De Witt Hidalgo Medina Nueces Webb
299-300	12.50 KHz	800.868750 MHz	770.868750 MHz	De Witt Hidalgo Medina Nueces Webb
305-306	12.50 KHz	800.906250 MHz	770.906250 MHz	Hidalgo Nueces Uvalde Wilson
307-308	12.50 KHz	800.918750 MHz	770.918750 MHz	Hidalgo Nueces Uvalde Wilson
309-310	12.50 KHz	800.931250 MHz	770.931250 MHz	Goliad Kerr Webb
311-312	12.50 KHz	800.943750 MHz	770.943750 MHz	Goliad Kerr Webb
313-314	12.50 KHz	800.956250 MHz	770.956250 MHz	Bexar

				Cameron Kleberg Starr Val Verde Zavala
315-316	12.50 KHz	800.968750 MHz	770.968750 MHz	Bexar Cameron Kleberg Starr Val Verde Zavala
321-322	12.50 KHz	801.006250 MHz	771.006250 MHz	Atascosa Jim Hogg Val Verde Victoria
323-324	12.50 KHz	801.018750 MHz	771.018750 MHz	Atascosa Jim Hogg Val Verde Victoria
325-326	12.50 KHz	801.031250 MHz	771.031250 MHz	Guadalupe Kleberg Real Willacy
327-328	12.50 KHz	801.043750 MHz	771.043750 MHz	Guadalupe Kleberg Real Willacy
329-330	12.50 KHz	801.056250 MHz	771.056250 MHz	Karnes Starr Zavala
331-332	12.50 KHz	801.068750 MHz	771.068750 MHz	Karnes Starr Zavala
333-334	12.50 KHz	801.081250 MHz	771.081250 MHz	Bexar Kenedy San Patricio
335-336	12.50 KHz	801.093750 MHz	771.093750 MHz	Bexar Kenedy San Patricio
337-338	12.50 KHz	801.106250 MHz	771.106250 MHz	Cameron De Witt Duval Frio Maverick
339-340	12.50 KHz	801.118750 MHz	771.118750 MHz	Cameron De Witt Duval Frio Maverick
341-342	12.50 KHz	801.131250 MHz	771.131250 MHz	Comal Nueces
343-344	12.50 KHz	801.143750 MHz	771.143750 MHz	Comal Nueces
345-346	12.50 KHz	801.156250 MHz	771.156250 MHz	Bee Hidalgo Medina Webb

347-348	12.50 KHz	801.168750 MHz	771.168750 MHz	Bee Hidalgo Medina Webb
349-350	12.50 KHz	801.181250 MHz	771.181250 MHz	Gillespie Jim Wells Kinney
351-352	12.50 KHz	801.193750 MHz	771.193750 MHz	Gillespie Jim Wells Kinney
353-354	12.50 KHz	801.206250 MHz	771.206250 MHz	Dimmit Jackson Zapata
355-356	12.50 KHz	801.218750 MHz	771.218750 MHz	Dimmit Jackson Zapata
357-358	12.50 KHz	801.231250 MHz	771.231250 MHz	Brooks Uvalde Wilson
359-360	12.50 KHz	801.243750 MHz	771.243750 MHz	Brooks Uvalde Wilson
361-362	12.50 KHz	801.256250 MHz	771.256250 MHz	Kerr Live Oak Val Verde Victoria
363-364	12.50 KHz	801.268750 MHz	771.268750 MHz	Kerr Live Oak Val Verde Victoria
365-366	12.50 KHz	801.281250 MHz	771.281250 MHz	Gonzales Jim Hogg La Salle
367-368	12.50 KHz	801.293750 MHz	771.293750 MHz	Gonzales Jim Hogg La Salle
369-370	12.50 KHz	801.306250 MHz	771.306250 MHz	Bandera Goliad Kleberg Willacy
371-372	12.50 KHz	801.318750 MHz	771.318750 MHz	Bandera Goliad Kleberg Willacy
373-374	12.50 KHz	801.331250 MHz	771.331250 MHz	Calhoun Guadalupe McMullen Starr Zavala
375-376	12.50 KHz	801.343750 MHz	771.343750 MHz	Calhoun Guadalupe McMullen Starr Zavala
377-378	12.50 KHz	801.356250 MHz	771.356250 MHz	Kendall Kenedy San Patricio

379-380	12.50 KHz	801.368750 MHz	771.368750 MHz	Kendall Kenedy San Patricio
381-382	12.50 KHz	801.381250 MHz	771.381250 MHz	Duval Frio Karnes Real
383-384	12.50 KHz	801.393750 MHz	771.393750 MHz	Duval Frio Karnes Real
385-386	12.50 KHz	801.406250 MHz	771.406250 MHz	Aransas Bexar Hidalgo Lavaca Maverick
387-388	12.50 KHz	801.418750 MHz	771.418750 MHz	Aransas Bexar Hidalgo Lavaca Maverick
389-390	12.50 KHz	801.431250 MHz	771.431250 MHz	Jim Wells
391-392	12.50 KHz	801.443750 MHz	771.443750 MHz	Jim Wells
393-394	12.50 KHz	801.456250 MHz	771.456250 MHz	Comal De Witt Dimmit Edwards
395-396	12.50 KHz	801.468750 MHz	771.468750 MHz	Comal De Witt Dimmit Edwards
397-398	12.50 KHz	801.481250 MHz	771.481250 MHz	Atascosa Nueces Zapata
399-400	12.50 KHz	801.493750 MHz	771.493750 MHz	Atascosa Nueces Zapata
401-402	12.50 KHz	801.506250 MHz	771.506250 MHz	Cameron Uvalde Victoria
403-404	12.50 KHz	801.518750 MHz	771.518750 MHz	Cameron Uvalde Victoria
405-406	12.50 KHz	801.531250 MHz	771.531250 MHz	Bee Jim Hogg Kerr La Salle
407-408	12.50 KHz	801.543750 MHz	771.543750 MHz	Bee Jim Hogg Kerr La Salle
409-410	12.50 KHz	801.556250 MHz	771.556250 MHz	Val Verde Wilson
411-412	12.50 KHz	801.568750 MHz	771.568750 MHz	Val Verde Wilson

413-414	12.50 KHz	801.581250 MHz	771.581250 MHz	Brooks Calhoun Live Oak Medina
415-416	12.50 KHz	801.593750 MHz	771.593750 MHz	Brooks Calhoun Live Oak Medina
417-418	12.50 KHz	801.606250 MHz	771.606250 MHz	Goliad Guadalupe Kinney Webb Willacy
419-420	12.50 KHz	801.618750 MHz	771.618750 MHz	Goliad Guadalupe Kinney Webb Willacy
421-422	12.50 KHz	801.631250 MHz	771.631250 MHz	Frio Gillespie San Patricio Starr
423-424	12.50 KHz	801.643750 MHz	771.643750 MHz	Frio Gillespie San Patricio Starr
425-426	12.50 KHz	801.656250 MHz	771.656250 MHz	Bexar Jackson Kleberg Real
427-428	12.50 KHz	801.668750 MHz	771.668750 MHz	Bexar Jackson Kleberg Real
429-430	12.50 KHz	801.681250 MHz	771.681250 MHz	Gonzales Zavala
431-432	12.50 KHz	801.693750 MHz	771.693750 MHz	Gonzales Zavala
433-434	12.50 KHz	801.706250 MHz	771.706250 MHz	Edwards Jim Wells Kendall
435-436	12.50 KHz	801.718750 MHz	771.718750 MHz	Edwards Jim Wells Kendall
437-438	12.50 KHz	801.731250 MHz	771.731250 MHz	Hidalgo Refugio
439-440	12.50 KHz	801.743750 MHz	771.743750 MHz	Hidalgo Refugio
441-442	12.50 KHz	801.756250 MHz	771.756250 MHz	Comal Karnes Maverick Nueces
443-444	12.50 KHz	801.768750 MHz	771.768750 MHz	Comal Karnes Maverick Nueces

445-446	12.50 KHz	801.781250 MHz	771.781250 MHz	Bandera Jim Hogg McMullen Victoria
447-448	12.50 KHz	801.793750 MHz	771.793750 MHz	Bandera Jim Hogg McMullen Victoria
449-450	12.50 KHz	801.806250 MHz	771.806250 MHz	Bee Kenedy
451-452	12.50 KHz	801.818750 MHz	771.818750 MHz	Bee Kenedy
453-454	12.50 KHz	801.831250 MHz	771.831250 MHz	Aransas Dimmit Duval Kerr Val Verde Wilson
455-456	12.50 KHz	801.843750 MHz	771.843750 MHz	Aransas Dimmit Duval Kerr Val Verde Wilson
457-458	12.50 KHz	801.856250 MHz	771.856250 MHz	De Witt Uvalde Willacy Zapata
459-460	12.50 KHz	801.868750 MHz	771.868750 MHz	De Witt Uvalde Willacy Zapata
461-462	12.50 KHz	801.881250 MHz	771.881250 MHz	Atascosa Gillespie
463-464	12.50 KHz	801.893750 MHz	771.893750 MHz	Atascosa Gillespie
465-466	12.50 KHz	801.906250 MHz	771.906250 MHz	Calhoun Cameron Guadalupe Kinney Starr
467-468	12.50 KHz	801.918750 MHz	771.918750 MHz	Calhoun Cameron Guadalupe Kinney Starr
469-470	12.50 KHz	801.931250 MHz	771.931250 MHz	Goliad Kleberg Medina Webb
471-472	12.50 KHz	801.943750 MHz	771.943750 MHz	Goliad Kleberg Medina Webb
473-474	12.50 KHz	801.956250 MHz	771.956250 MHz	Edwards
475-476	12.50 KHz	801.968750 MHz	771.968750 MHz	Edwards

477-478	12.50 KHz	801.981250 MHz	771.981250 MHz	Bexar Hidalgo Lavaca San Patricio Zavala
479-480	12.50 KHz	801.993750 MHz	771.993750 MHz	Bexar Hidalgo Lavaca San Patricio Zavala
481-482	12.50 KHz	802.006250 MHz	772.006250 MHz	Karnes Real
483-484	12.50 KHz	802.018750 MHz	772.018750 MHz	Karnes Real
485-486	12.50 KHz	802.031250 MHz	772.031250 MHz	Frio
487-488	12.50 KHz	802.043750 MHz	772.043750 MHz	Frio
489-490	12.50 KHz	802.056250 MHz	772.056250 MHz	Gonzales Jim Wells
491-492	12.50 KHz	802.068750 MHz	772.068750 MHz	Gonzales Jim Wells
493-494	12.50 KHz	802.081250 MHz	772.081250 MHz	Bandera Bee Jim Hogg Val Verde
495-496	12.50 KHz	802.093750 MHz	772.093750 MHz	Bandera Bee Jim Hogg Val Verde
497-498	12.50 KHz	802.106250 MHz	772.106250 MHz	La Salle Maverick Victoria Willacy
499-500	12.50 KHz	802.118750 MHz	772.118750 MHz	La Salle Maverick Victoria Willacy
501-502	12.50 KHz	802.131250 MHz	772.131250 MHz	Live Oak Zapata
503-504	12.50 KHz	802.143750 MHz	772.143750 MHz	Live Oak Zapata
505-506	12.50 KHz	802.156250 MHz	772.156250 MHz	Brooks Calhoun Dimmit Gillespie Guadalupe
507-508	12.50 KHz	802.168750 MHz	772.168750 MHz	Brooks Calhoun Dimmit Gillespie Guadalupe
509-510	12.50 KHz	802.181250 MHz	772.181250 MHz	Atascosa Kinney Nueces
511-512	12.50 KHz	802.193750 MHz	772.193750 MHz	Atascosa

				Kinney Nueces
513-514	12.50 KHz	802.206250 MHz	772.206250 MHz	Comal Duval
515-516	12.50 KHz	802.218750 MHz	772.218750 MHz	Comal Duval
517-518	12.50 KHz	802.231250 MHz	772.231250 MHz	Refugio Zavala
519-520	12.50 KHz	802.243750 MHz	772.243750 MHz	Refugio Zavala
521-522	12.50 KHz	802.256250 MHz	772.256250 MHz	De Witt Kendall Kenedy McMullen
523-524	12.50 KHz	802.268750 MHz	772.268750 MHz	De Witt Kendall Kenedy McMullen
525-526	12.50 KHz	802.281250 MHz	772.281250 MHz	San Patricio Starr Uvalde
527-528	12.50 KHz	802.293750 MHz	772.293750 MHz	San Patricio Starr Uvalde
529-530	12.50 KHz	802.306250 MHz	772.306250 MHz	Jackson Kerr Wilson
531-532	12.50 KHz	802.318750 MHz	772.318750 MHz	Jackson Kerr Wilson
533-534	12.50 KHz	802.331250 MHz	772.331250 MHz	Bee Jim Hogg
535-536	12.50 KHz	802.343750 MHz	772.343750 MHz	Bee Jim Hogg
537-538	12.50 KHz	802.356250 MHz	772.356250 MHz	Bexar Cameron Kleberg La Salle Lavaca Maverick
539-540	12.50 KHz	802.368750 MHz	772.368750 MHz	Bexar Cameron Kleberg La Salle Lavaca Maverick
541-542	12.50 KHz	802.381250 MHz	772.381250 MHz	Live Oak Real Zapata
543-544	12.50 KHz	802.393750 MHz	772.393750 MHz	Live Oak Real Zapata
545-546	12.50 KHz	802.406250 MHz	772.406250 MHz	Brooks Dimmit Guadalupe

547-548	12.50 KHz	802.418750 MHz	772.418750 MHz	Brooks Dimmit Guadalupe
549-550	12.50 KHz	802.431250 MHz	772.431250 MHz	Atascosa Edwards Nueces Victoria
551-552	12.50 KHz	802.443750 MHz	772.443750 MHz	Atascosa Edwards Nueces Victoria
553-554	12.50 KHz	802.456250 MHz	772.456250 MHz	Bandera Gonzales Hidalgo Webb
555-556	12.50 KHz	802.468750 MHz	772.468750 MHz	Bandera Gonzales Hidalgo Webb
557-558	12.50 KHz	802.481250 MHz	772.481250 MHz	Comal Frio Jim Wells Kinney
559-560	12.50 KHz	802.493750 MHz	772.493750 MHz	Comal Frio Jim Wells Kinney
561-562	12.50 KHz	802.506250 MHz	772.506250 MHz	Aransas Karnes
563-564	12.50 KHz	802.518750 MHz	772.518750 MHz	Aransas Karnes
565-566	12.50 KHz	802.531250 MHz	772.531250 MHz	Kendall McMullen Starr Zavala
567-568	12.50 KHz	802.543750 MHz	772.543750 MHz	Kendall McMullen Starr Zavala
569-570	12.50 KHz	802.556250 MHz	772.556250 MHz	Jackson Kenedy Val Verde Wilson
571-572	12.50 KHz	802.568750 MHz	772.568750 MHz	Jackson Kenedy Val Verde Wilson
573-574	12.50 KHz	802.581250 MHz	772.581250 MHz	Bee Jim Hogg Uvalde
575-576	12.50 KHz	802.593750 MHz	772.593750 MHz	Bee Jim Hogg Uvalde
577-578	12.50 KHz	802.606250 MHz	772.606250 MHz	Bexar Kleberg La Salle

579-580	12.50 KHz	802.618750 MHz	772.618750 MHz	Bexar Kleberg La Salle
581-582	12.50 KHz	802.631250 MHz	772.631250 MHz	Cameron Kerr San Patricio
583-584	12.50 KHz	802.643750 MHz	772.643750 MHz	Cameron Kerr San Patricio
585-586	12.50 KHz	802.656250 MHz	772.656250 MHz	Duval Goliad Medina
587-588	12.50 KHz	802.668750 MHz	772.668750 MHz	Duval Goliad Medina
589-590	12.50 KHz	802.681250 MHz	772.681250 MHz	Lavaca Maverick Nueces Willacy Zapata
591-592	12.50 KHz	802.693750 MHz	772.693750 MHz	Lavaca Maverick Nueces Willacy Zapata
593-594	12.50 KHz	802.706250 MHz	772.706250 MHz	Bandera Brooks Calhoun
595-596	12.50 KHz	802.718750 MHz	772.718750 MHz	Bandera Brooks Calhoun
597-598	12.50 KHz	802.731250 MHz	772.731250 MHz	Comal Dimmit Live Oak
599-600	12.50 KHz	802.743750 MHz	772.743750 MHz	Comal Dimmit Live Oak
601-602	12.50 KHz	802.756250 MHz	772.756250 MHz	Aransas Edwards Hidalgo
603-604	12.50 KHz	802.768750 MHz	772.768750 MHz	Aransas Edwards Hidalgo
605-606	12.50 KHz	802.781250 MHz	772.781250 MHz	Jim Wells Karnes Kendall Zavala
607-608	12.50 KHz	802.793750 MHz	772.793750 MHz	Jim Wells Karnes Kendall Zavala
609-610	12.50 KHz	802.806250 MHz	772.806250 MHz	Guadalupe Refugio
611-612	12.50 KHz	802.818750 MHz	772.818750 MHz	Guadalupe Refugio

613-614	12.50 KHz	802.831250 MHz	772.831250 MHz	Atascosa Gillespie Starr Uvalde
615-616	12.50 KHz	802.843750 MHz	772.843750 MHz	Atascosa Gillespie Starr Uvalde
617-618	12.50 KHz	802.856250 MHz	772.856250 MHz	De Witt Kenedy Val Verde
619-620	12.50 KHz	802.868750 MHz	772.868750 MHz	De Witt Kenedy Val Verde
621-622	12.50 KHz	802.881250 MHz	772.881250 MHz	Bexar San Patricio Webb
623-624	12.50 KHz	802.893750 MHz	772.893750 MHz	Bexar San Patricio Webb
625-626	12.50 KHz	802.906250 MHz	772.906250 MHz	Cameron Kerr Kleberg Victoria
627-628	12.50 KHz	802.918750 MHz	772.918750 MHz	Cameron Kerr Kleberg Victoria
629-630	12.50 KHz	802.931250 MHz	772.931250 MHz	Duval Medina
631-632	12.50 KHz	802.943750 MHz	772.943750 MHz	Duval Medina
633-634	12.50 KHz	802.956250 MHz	772.956250 MHz	Jackson Nueces Real Willacy Wilson Zapata
635-636	12.50 KHz	802.968750 MHz	772.968750 MHz	Jackson Nueces Real Willacy Wilson Zapata
637-638	12.50 KHz	802.981250 MHz	772.981250 MHz	Bee Brooks Comal Frio Maverick
639-640	12.50 KHz	802.993750 MHz	772.993750 MHz	Bee Brooks Comal Frio Maverick
645-646	12.50 KHz	803.031250 MHz	773.031250 MHz	Bexar Hidalgo Nueces

				Val Verde Victoria Webb
647-648	12.50 KHz	803.043750 MHz	773.043750 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
649-650	12.50 KHz	803.056250 MHz	773.056250 MHz	Karnes Kerr
651-652	12.50 KHz	803.068750 MHz	773.068750 MHz	Karnes Kerr
653-654	12.50 KHz	803.081250 MHz	773.081250 MHz	Cameron Guadalupe La Salle Maverick San Patricio Starr
655-656	12.50 KHz	803.093750 MHz	773.093750 MHz	Cameron Guadalupe La Salle Maverick San Patricio Starr
661-662	12.50 KHz	803.131250 MHz	773.131250 MHz	Bexar Calhoun Hidalgo Kinney Webb
663-664	12.50 KHz	803.143750 MHz	773.143750 MHz	Bexar Calhoun Hidalgo Kinney Webb
665-666	12.50 KHz	803.156250 MHz	773.156250 MHz	Jim Wells Karnes Kerr
667-668	12.50 KHz	803.168750 MHz	773.168750 MHz	Jim Wells Karnes Kerr
669-670	12.50 KHz	803.181250 MHz	773.181250 MHz	Aransas Medina Starr
671-672	12.50 KHz	803.193750 MHz	773.193750 MHz	Aransas Medina Starr
673-674	12.50 KHz	803.206250 MHz	773.206250 MHz	Cameron Gillespie Guadalupe McMullen Victoria
675-676	12.50 KHz	803.218750 MHz	773.218750 MHz	Cameron Gillespie Guadalupe McMullen Victoria
677-678	12.50 KHz	803.231250 MHz	773.231250 MHz	Bandera

				Brooks Dimmit San Patricio Val Verde
679-680	12.50 KHz	803.243750 MHz	773.243750 MHz	Bandera Brooks Dimmit San Patricio Val Verde
685-686	12.50 KHz	803.281250 MHz	773.281250 MHz	Bexar Hidalgo Jackson Nueces Val Verde Webb
687-688	12.50 KHz	803.293750 MHz	773.293750 MHz	Bexar Hidalgo Jackson Nueces Val Verde Webb
689-690	12.50 KHz	803.306250 MHz	773.306250 MHz	Bee Kerr
691-692	12.50 KHz	803.318750 MHz	773.318750 MHz	Bee Kerr
693-694	12.50 KHz	803.331250 MHz	773.331250 MHz	Aransas Cameron Duval Frio Guadalupe Maverick
695-696	12.50 KHz	803.343750 MHz	773.343750 MHz	Aransas Cameron Duval Frio Guadalupe Maverick
701-702	12.50 KHz	803.381250 MHz	773.381250 MHz	Atascosa Duval Gonzales Maverick Refugio
703-704	12.50 KHz	803.393750 MHz	773.393750 MHz	Atascosa Duval Gonzales Maverick Refugio
705-706	12.50 KHz	803.406250 MHz	773.406250 MHz	Nueces Real Willacy
707-708	12.50 KHz	803.418750 MHz	773.418750 MHz	Nueces Real Willacy
709-710	12.50 KHz	803.431250 MHz	773.431250 MHz	Medina Webb
711-712	12.50 KHz	803.443750 MHz	773.443750 MHz	Medina Webb
713-714	12.50 KHz	803.456250 MHz	773.456250 MHz	Gillespie

				Hidalgo Live Oak Victoria
715-716	12.50 KHz	803.468750 MHz	773.468750 MHz	Gillespie Hidalgo Live Oak Victoria
717-718	12.50 KHz	803.481250 MHz	773.481250 MHz	Bexar Kleberg Val Verde Zapata Zavala
719-720	12.50 KHz	803.493750 MHz	773.493750 MHz	Bexar Kleberg Val Verde Zapata Zavala
725-726	12.50 KHz	803.531250 MHz	773.531250 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
727-728	12.50 KHz	803.543750 MHz	773.543750 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
729-730	12.50 KHz	803.556250 MHz	773.556250 MHz	Bee Kerr
731-732	12.50 KHz	803.568750 MHz	773.568750 MHz	Bee Kerr
733-734	12.50 KHz	803.581250 MHz	773.581250 MHz	Aransas Atascosa Cameron Duval Maverick
735-736	12.50 KHz	803.593750 MHz	773.593750 MHz	Aransas Atascosa Cameron Duval Maverick
741-742	12.50 KHz	803.631250 MHz	773.631250 MHz	Bandera Bee La Salle Maverick Starr
743-744	12.50 KHz	803.643750 MHz	773.643750 MHz	Bandera Bee La Salle Maverick Starr
745-746	12.50 KHz	803.656250 MHz	773.656250 MHz	Comal De Witt
747-748	12.50 KHz	803.668750 MHz	773.668750 MHz	Comal De Witt
749-750	12.50 KHz	803.681250 MHz	773.681250 MHz	San Patricio

				Uvalde Webb Willacy Wilson
751-752	12.50 KHz	803.693750 MHz	773.693750 MHz	San Patricio Uvalde Webb Willacy Wilson
753-754	12.50 KHz	803.706250 MHz	773.706250 MHz	Kendall Victoria
755-756	12.50 KHz	803.718750 MHz	773.718750 MHz	Kendall Victoria
757-758	12.50 KHz	803.731250 MHz	773.731250 MHz	Atascosa Cameron Jim Wells Val Verde Zapata Zavala
759-760	12.50 KHz	803.743750 MHz	773.743750 MHz	Atascosa Cameron Jim Wells Val Verde Zapata Zavala
765-766	12.50 KHz	803.781250 MHz	773.781250 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
767-768	12.50 KHz	803.793750 MHz	773.793750 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
769-770	12.50 KHz	803.806250 MHz	773.806250 MHz	Bee Gillespie Uvalde
771-772	12.50 KHz	803.818750 MHz	773.818750 MHz	Bee Gillespie Uvalde
773-774	12.50 KHz	803.831250 MHz	773.831250 MHz	Atascosa Calhoun Cameron Kleberg Starr
775-776	12.50 KHz	803.843750 MHz	773.843750 MHz	Atascosa Calhoun Cameron Kleberg Starr
781-782	12.50 KHz	803.881250 MHz	773.881250 MHz	Frio Guadalupe Hidalgo Maverick Nueces
783-784	12.50 KHz	803.893750 MHz	773.893750 MHz	Frio

				Guadalupe Hidalgo Maverick Nueces
785-786	12.50 KHz	803.906250 MHz	773.906250 MHz	De Witt Duval Kerr
787-788	12.50 KHz	803.918750 MHz	773.918750 MHz	De Witt Duval Kerr
789-790	12.50 KHz	803.931250 MHz	773.931250 MHz	Bexar Dimmit San Patricio Willacy
791-792	12.50 KHz	803.943750 MHz	773.943750 MHz	Bexar Dimmit San Patricio Willacy
793-794	12.50 KHz	803.956250 MHz	773.956250 MHz	Gillespie Kinney Starr Victoria
795-796	12.50 KHz	803.968750 MHz	773.968750 MHz	Gillespie Kinney Starr Victoria
797-798	12.50 KHz	803.981250 MHz	773.981250 MHz	Bee Cameron Medina Webb
799-800	12.50 KHz	803.993750 MHz	773.993750 MHz	Bee Cameron Medina Webb
805-806	12.50 KHz	804.031250 MHz	774.031250 MHz	Bexar Hidalgo Nueces Real Val Verde Victoria Webb
807-808	12.50 KHz	804.043750 MHz	774.043750 MHz	Bexar Hidalgo Nueces Real Val Verde Victoria Webb
809-810	12.50 KHz	804.056250 MHz	774.056250 MHz	Gillespie Karnes
811-812	12.50 KHz	804.068750 MHz	774.068750 MHz	Gillespie Karnes
813-814	12.50 KHz	804.081250 MHz	774.081250 MHz	Cameron Comal La Salle Maverick San Patricio Starr

815-816	12.50 KHz	804.093750 MHz	774.093750 MHz	Cameron Comal La Salle Maverick San Patricio Starr
821-822	12.50 KHz	804.131250 MHz	774.131250 MHz	Atascosa Kleberg Uvalde Zapata
823-824	12.50 KHz	804.143750 MHz	774.143750 MHz	Atascosa Kleberg Uvalde Zapata
825-826	12.50 KHz	804.156250 MHz	774.156250 MHz	Aransas Guadalupe Hidalgo
827-828	12.50 KHz	804.168750 MHz	774.168750 MHz	Aransas Guadalupe Hidalgo
829-830	12.50 KHz	804.181250 MHz	774.181250 MHz	Bandera Dimmit Jim Wells Karnes Val Verde
831-832	12.50 KHz	804.193750 MHz	774.193750 MHz	Bandera Dimmit Jim Wells Karnes Val Verde
833-834	12.50 KHz	804.206250 MHz	774.206250 MHz	Victoria
835-836	12.50 KHz	804.218750 MHz	774.218750 MHz	Victoria
837-838	12.50 KHz	804.231250 MHz	774.231250 MHz	Cameron La Salle Maverick Nueces Starr Wilson
839-840	12.50 KHz	804.243750 MHz	774.243750 MHz	Cameron La Salle Maverick Nueces Starr Wilson
845-846	12.50 KHz	804.281250 MHz	774.281250 MHz	Bexar Hidalgo Lavaca Nueces Real Val Verde Webb
847-848	12.50 KHz	804.293750 MHz	774.293750 MHz	Bexar Hidalgo Lavaca Nueces Real Val Verde Webb
849-850	12.50 KHz	804.306250 MHz	774.306250 MHz	Frio

				Gillespie Refugio
851-852	12.50 KHz	804.318750 MHz	774.318750 MHz	Frio Gillespie Refugio
853-854	12.50 KHz	804.331250 MHz	774.331250 MHz	Cameron Comal De Witt Duval Maverick
855-856	12.50 KHz	804.343750 MHz	774.343750 MHz	Cameron Comal De Witt Duval Maverick
861-862	12.50 KHz	804.381250 MHz	774.381250 MHz	Frio Gonzales Kerr San Patricio
863-864	12.50 KHz	804.393750 MHz	774.393750 MHz	Frio Gonzales Kerr San Patricio
865-866	12.50 KHz	804.406250 MHz	774.406250 MHz	Bexar Hidalgo Jackson Webb
867-868	12.50 KHz	804.418750 MHz	774.418750 MHz	Bexar Hidalgo Jackson Webb
869-870	12.50 KHz	804.431250 MHz	774.431250 MHz	Gillespie Refugio Uvalde
871-872	12.50 KHz	804.443750 MHz	774.443750 MHz	Gillespie Refugio Uvalde
873-874	12.50 KHz	804.456250 MHz	774.456250 MHz	Lavaca Live Oak Willacy Zapata
875-876	12.50 KHz	804.468750 MHz	774.468750 MHz	Lavaca Live Oak Willacy Zapata
877-878	12.50 KHz	804.481250 MHz	774.481250 MHz	Aransas Brooks Maverick Medina
879-880	12.50 KHz	804.493750 MHz	774.493750 MHz	Aransas Brooks Maverick Medina
885-886	12.50 KHz	804.531250 MHz	774.531250 MHz	Bexar Hidalgo Lavaca Nueces Val Verde

				Webb
887-888	12.50 KHz	804.543750 MHz	774.543750 MHz	Bexar Hidalgo Lavaca Nueces Val Verde Webb
889-890	12.50 KHz	804.556250 MHz	774.556250 MHz	Bee Kerr
891-892	12.50 KHz	804.568750 MHz	774.568750 MHz	Bee Kerr
893-894	12.50 KHz	804.581250 MHz	774.581250 MHz	Calhoun Cameron Kleberg Maverick Medina Starr
895-896	12.50 KHz	804.593750 MHz	774.593750 MHz	Calhoun Cameron Kleberg Maverick Medina Starr
901-902	12.50 KHz	804.631250 MHz	774.631250 MHz	Cameron Frio Gonzales Kerr San Patricio Starr Val Verde
903-904	12.50 KHz	804.643750 MHz	774.643750 MHz	Cameron Frio Gonzales Kerr San Patricio Starr Val Verde
905-906	12.50 KHz	804.656250 MHz	774.656250 MHz	Bexar Kleberg Victoria Webb
907-908	12.50 KHz	804.668750 MHz	774.668750 MHz	Bexar Kleberg Victoria Webb
909-910	12.50 KHz	804.681250 MHz	774.681250 MHz	Bee Hidalgo Uvalde
911-912	12.50 KHz	804.693750 MHz	774.693750 MHz	Bee Hidalgo Uvalde
913-914	12.50 KHz	804.706250 MHz	774.706250 MHz	Atascosa Gillespie Zapata
915-916	12.50 KHz	804.718750 MHz	774.718750 MHz	Atascosa Gillespie Zapata
917-918	12.50 KHz	804.731250 MHz	774.731250 MHz	Calhoun

				Guadalupe Jim Wells Maverick Willacy
919-920	12.50 KHz	804.743750 MHz	774.743750 MHz	Calhoun Guadalupe Jim Wells Maverick Willacy
925-926	12.50 KHz	804.781250 MHz	774.781250 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
927-928	12.50 KHz	804.793750 MHz	774.793750 MHz	Bexar Hidalgo Nueces Val Verde Victoria Webb
929-930	12.50 KHz	804.806250 MHz	774.806250 MHz	Bee Uvalde
931-932	12.50 KHz	804.818750 MHz	774.818750 MHz	Bee Uvalde
933-934	12.50 KHz	804.831250 MHz	774.831250 MHz	Calhoun Cameron Dimmit Jim Wells Kendall Zapata
935-936	12.50 KHz	804.843750 MHz	774.843750 MHz	Calhoun Cameron Dimmit Jim Wells Kendall Zapata
941-942	12.50 KHz	804.881250 MHz	774.881250 MHz	Frio Gonzales Kerr San Patricio Starr
943-944	12.50 KHz	804.893750 MHz	774.893750 MHz	Frio Gonzales Kerr San Patricio Starr
945-946	12.50 KHz	804.906250 MHz	774.906250 MHz	Bexar Cameron Kleberg Val Verde Victoria Webb
947-948	12.50 KHz	804.918750 MHz	774.918750 MHz	Bexar Cameron Kleberg Val Verde Victoria Webb

05/07/2012

Region 53 - Texas - San Antonio
Detailed Channel Allotments by Area

Area Name	Channel	Class	Base Freq	Mobile Freq
Aransas	85-86	Voice General Use	769.531250	799.531250
	87-88	Voice General Use	769.543750	799.543750
	285-286	Voice General Use	770.781250	800.781250
	287-288	Voice General Use	770.793750	800.793750
	385-386	Voice General Use	771.406250	801.406250
	387-388	Voice General Use	771.418750	801.418750
	453-454	Voice General Use	771.831250	801.831250
	455-456	Voice General Use	771.843750	801.843750
	561-562	Voice General Use	772.506250	802.506250
	563-564	Voice General Use	772.518750	802.518750
	601-602	Voice General Use	772.756250	802.756250
	603-604	Voice General Use	772.768750	802.768750
	669-670	Voice General Use	773.181250	803.181250
	671-672	Voice General Use	773.193750	803.193750
	825-826	Voice General Use	774.156250	804.156250
	827-828	Voice General Use	774.168750	804.168750
	877-878	Voice General Use	774.481250	804.481250
	879-880	Voice General Use	774.493750	804.493750
	693-694	Voice State License	773.331250	803.331250
	695-696	Voice State License	773.343750	803.343750
	733-734	Voice State License	773.581250	803.581250
	735-736	Voice State License	773.593750	803.593750
Atascosa	45-46	Voice General Use	769.281250	799.281250
	47-48	Voice General Use	769.293750	799.293750
	85-86	Voice General Use	769.531250	799.531250
	87-88	Voice General Use	769.543750	799.543750
	129-130	Voice General Use	769.806250	799.806250
	131-132	Voice General Use	769.818750	799.818750
	257-258	Voice General Use	770.606250	800.606250
	259-260	Voice General Use	770.618750	800.618750
	321-322	Voice General Use	771.006250	801.006250
	323-324	Voice General Use	771.018750	801.018750
	397-398	Voice General Use	771.481250	801.481250
	399-400	Voice General Use	771.493750	801.493750
	461-462	Voice General Use	771.881250	801.881250
	463-464	Voice General Use	771.893750	801.893750
	509-510	Voice General Use	772.181250	802.181250
	511-512	Voice General Use	772.193750	802.193750
	549-550	Voice General Use	772.431250	802.431250
	551-552	Voice General Use	772.443750	802.443750
	613-614	Voice General Use	772.831250	802.831250
	615-616	Voice General Use	772.843750	802.843750
	701-702	Voice General Use	773.381250	803.381250
	703-704	Voice General Use	773.393750	803.393750
	757-758	Voice General Use	773.731250	803.731250
	759-760	Voice General Use	773.743750	803.743750

	821-822	Voice General Use	774.131250	804.131250
	823-824	Voice General Use	774.143750	804.143750
	913-914	Voice General Use	774.706250	804.706250
	915-916	Voice General Use	774.718750	804.718750
	225-226	Voice State License	770.406250	800.406250
	227-228	Voice State License	770.418750	800.418750
	733-734	Voice State License	773.581250	803.581250
	735-736	Voice State License	773.593750	803.593750
	773-774	Voice State License	773.831250	803.831250
	775-776	Voice State License	773.843750	803.843750
Bandera	369-370	Voice General Use	771.306250	801.306250
	371-372	Voice General Use	771.318750	801.318750
	445-446	Voice General Use	771.781250	801.781250
	447-448	Voice General Use	771.793750	801.793750
	493-494	Voice General Use	772.081250	802.081250
	495-496	Voice General Use	772.093750	802.093750
	553-554	Voice General Use	772.456250	802.456250
	555-556	Voice General Use	772.468750	802.468750
	593-594	Voice General Use	772.706250	802.706250
	595-596	Voice General Use	772.718750	802.718750
	677-678	Voice General Use	773.231250	803.231250
	679-680	Voice General Use	773.243750	803.243750
	741-742	Voice General Use	773.631250	803.631250
	743-744	Voice General Use	773.643750	803.643750
	829-830	Voice General Use	774.181250	804.181250
	831-832	Voice General Use	774.193750	804.193750
	149-150	Voice State License	769.931250	799.931250
	151-152	Voice State License	769.943750	799.943750
Bee	13-14	Voice General Use	769.081250	799.081250
	15-16	Voice General Use	769.093750	799.093750
	125-126	Voice General Use	769.781250	799.781250
	127-128	Voice General Use	769.793750	799.793750
	165-166	Voice General Use	770.031250	800.031250
	167-168	Voice General Use	770.043750	800.043750
	209-210	Voice General Use	770.306250	800.306250
	211-212	Voice General Use	770.318750	800.318750
	249-250	Voice General Use	770.556250	800.556250
	251-252	Voice General Use	770.568750	800.568750
	289-290	Voice General Use	770.806250	800.806250
	291-292	Voice General Use	770.818750	800.818750
	345-346	Voice General Use	771.156250	801.156250
	347-348	Voice General Use	771.168750	801.168750
	405-406	Voice General Use	771.531250	801.531250
	407-408	Voice General Use	771.543750	801.543750
	449-450	Voice General Use	771.806250	801.806250
	451-452	Voice General Use	771.818750	801.818750
	493-494	Voice General Use	772.081250	802.081250
	495-496	Voice General Use	772.093750	802.093750
	533-534	Voice General Use	772.331250	802.331250
	535-536	Voice General Use	772.343750	802.343750
	573-574	Voice General Use	772.581250	802.581250
	575-576	Voice General Use	772.593750	802.593750
	637-638	Voice General Use	772.981250	802.981250
	639-640	Voice General Use	772.993750	802.993750
	741-742	Voice General Use	773.631250	803.631250
	743-744	Voice General Use	773.643750	803.643750
	797-798	Voice General Use	773.981250	803.981250
	799-800	Voice General Use	773.993750	803.993750
	909-910	Voice General Use	774.681250	804.681250
	911-912	Voice General Use	774.693750	804.693750
	149-150	Voice State License	769.931250	799.931250
	151-152	Voice State License	769.943750	799.943750
	689-690	Voice State License	773.306250	803.306250
	691-692	Voice State License	773.318750	803.318750
	729-730	Voice State License	773.556250	803.556250
	731-732	Voice State License	773.568750	803.568750
	769-770	Voice State License	773.806250	803.806250

	771-772	Voice State License	773.818750	803.818750
	889-890	Voice State License	774.556250	804.556250
	891-892	Voice State License	774.568750	804.568750
	929-930	Voice State License	774.806250	804.806250
	931-932	Voice State License	774.818750	804.818750
Bexar	17-18	Voice General Use	769.106250	799.106250
	19-20	Voice General Use	769.118750	799.118750
	57-58	Voice General Use	769.356250	799.356250
	59-60	Voice General Use	769.368750	799.368750
	121-122	Voice General Use	769.756250	799.756250
	123-124	Voice General Use	769.768750	799.768750
	161-162	Voice General Use	770.006250	800.006250
	163-164	Voice General Use	770.018750	800.018750
	205-206	Voice General Use	770.281250	800.281250
	207-208	Voice General Use	770.293750	800.293750
	245-246	Voice General Use	770.531250	800.531250
	247-248	Voice General Use	770.543750	800.543750
	285-286	Voice General Use	770.781250	800.781250
	287-288	Voice General Use	770.793750	800.793750
	333-334	Voice General Use	771.081250	801.081250
	335-336	Voice General Use	771.093750	801.093750
	385-386	Voice General Use	771.406250	801.406250
	387-388	Voice General Use	771.418750	801.418750
	425-426	Voice General Use	771.656250	801.656250
	427-428	Voice General Use	771.668750	801.668750
	477-478	Voice General Use	771.981250	801.981250
	479-480	Voice General Use	771.993750	801.993750
	537-538	Voice General Use	772.356250	802.356250
	539-540	Voice General Use	772.368750	802.368750
	577-578	Voice General Use	772.606250	802.606250
	579-580	Voice General Use	772.618750	802.618750
	621-622	Voice General Use	772.881250	802.881250
	623-624	Voice General Use	772.893750	802.893750
	661-662	Voice General Use	773.131250	803.131250
	663-664	Voice General Use	773.143750	803.143750
	717-718	Voice General Use	773.481250	803.481250
	719-720	Voice General Use	773.493750	803.493750
	789-790	Voice General Use	773.931250	803.931250
	791-792	Voice General Use	773.943750	803.943750
	865-866	Voice General Use	774.406250	804.406250
	867-868	Voice General Use	774.418750	804.418750
	905-906	Voice General Use	774.656250	804.656250
	907-908	Voice General Use	774.668750	804.668750
	945-946	Voice General Use	774.906250	804.906250
	947-948	Voice General Use	774.918750	804.918750
	29-30	Voice State License	769.181250	799.181250
	31-32	Voice State License	769.193750	799.193750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
	113-114	Voice State License	769.706250	799.706250
	115-116	Voice State License	769.718750	799.718750
	193-194	Voice State License	770.206250	800.206250
	195-196	Voice State License	770.218750	800.218750
	233-234	Voice State License	770.456250	800.456250
	235-236	Voice State License	770.468750	800.468750
	273-274	Voice State License	770.706250	800.706250
	275-276	Voice State License	770.718750	800.718750
	313-314	Voice State License	770.956250	800.956250
	315-316	Voice State License	770.968750	800.968750
	645-646	Voice State License	773.031250	803.031250
	647-648	Voice State License	773.043750	803.043750
	685-686	Voice State License	773.281250	803.281250
	687-688	Voice State License	773.293750	803.293750
	725-726	Voice State License	773.531250	803.531250
	727-728	Voice State License	773.543750	803.543750
	765-766	Voice State License	773.781250	803.781250
	767-768	Voice State License	773.793750	803.793750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	845-846	Voice State License	774.281250	804.281250

	847-848	Voice	State License	774.293750	804.293750
	885-886	Voice	State License	774.531250	804.531250
	887-888	Voice	State License	774.543750	804.543750
	925-926	Voice	State License	774.781250	804.781250
	927-928	Voice	State License	774.793750	804.793750
Brooks	357-358	Voice	General Use	771.231250	801.231250
	359-360	Voice	General Use	771.243750	801.243750
	413-414	Voice	General Use	771.581250	801.581250
	415-416	Voice	General Use	771.593750	801.593750
	505-506	Voice	General Use	772.156250	802.156250
	507-508	Voice	General Use	772.168750	802.168750
	545-546	Voice	General Use	772.406250	802.406250
	547-548	Voice	General Use	772.418750	802.418750
	593-594	Voice	General Use	772.706250	802.706250
	595-596	Voice	General Use	772.718750	802.718750
	637-638	Voice	General Use	772.981250	802.981250
	639-640	Voice	General Use	772.993750	802.993750
	677-678	Voice	General Use	773.231250	803.231250
	679-680	Voice	General Use	773.243750	803.243750
	877-878	Voice	General Use	774.481250	804.481250
	879-880	Voice	General Use	774.493750	804.493750
	29-30	Voice	State License	769.181250	799.181250
	31-32	Voice	State License	769.193750	799.193750
Calhoun	53-54	Voice	General Use	769.331250	799.331250
	55-56	Voice	General Use	769.343750	799.343750
	169-170	Voice	General Use	770.056250	800.056250
	171-172	Voice	General Use	770.068750	800.068750
	257-258	Voice	General Use	770.606250	800.606250
	259-260	Voice	General Use	770.618750	800.618750
	373-374	Voice	General Use	771.331250	801.331250
	375-376	Voice	General Use	771.343750	801.343750
	413-414	Voice	General Use	771.581250	801.581250
	415-416	Voice	General Use	771.593750	801.593750
	465-466	Voice	General Use	771.906250	801.906250
	467-468	Voice	General Use	771.918750	801.918750
	505-506	Voice	General Use	772.156250	802.156250
	507-508	Voice	General Use	772.168750	802.168750
	593-594	Voice	General Use	772.706250	802.706250
	595-596	Voice	General Use	772.718750	802.718750
	661-662	Voice	General Use	773.131250	803.131250
	663-664	Voice	General Use	773.143750	803.143750
	917-918	Voice	General Use	774.731250	804.731250
	919-920	Voice	General Use	774.743750	804.743750
	29-30	Voice	State License	769.181250	799.181250
	31-32	Voice	State License	769.193750	799.193750
	773-774	Voice	State License	773.831250	803.831250
	775-776	Voice	State License	773.843750	803.843750
	893-894	Voice	State License	774.581250	804.581250
	895-896	Voice	State License	774.593750	804.593750
	933-934	Voice	State License	774.831250	804.831250
	935-936	Voice	State License	774.843750	804.843750
Cameron	13-14	Voice	General Use	769.081250	799.081250
	15-16	Voice	General Use	769.093750	799.093750
	85-86	Voice	General Use	769.531250	799.531250
	87-88	Voice	General Use	769.543750	799.543750
	161-162	Voice	General Use	770.006250	800.006250
	163-164	Voice	General Use	770.018750	800.018750
	201-202	Voice	General Use	770.256250	800.256250
	203-204	Voice	General Use	770.268750	800.268750
	241-242	Voice	General Use	770.506250	800.506250
	243-244	Voice	General Use	770.518750	800.518750
	281-282	Voice	General Use	770.756250	800.756250
	283-284	Voice	General Use	770.768750	800.768750
	337-338	Voice	General Use	771.106250	801.106250
	339-340	Voice	General Use	771.118750	801.118750
	401-402	Voice	General Use	771.506250	801.506250
	403-404	Voice	General Use	771.518750	801.518750

	465-466	Voice General Use	771.906250	801.906250
	467-468	Voice General Use	771.918750	801.918750
	537-538	Voice General Use	772.356250	802.356250
	539-540	Voice General Use	772.368750	802.368750
	581-582	Voice General Use	772.631250	802.631250
	583-584	Voice General Use	772.643750	802.643750
	625-626	Voice General Use	772.906250	802.906250
	627-628	Voice General Use	772.918750	802.918750
	673-674	Voice General Use	773.206250	803.206250
	675-676	Voice General Use	773.218750	803.218750
	757-758	Voice General Use	773.731250	803.731250
	759-760	Voice General Use	773.743750	803.743750
	797-798	Voice General Use	773.981250	803.981250
	799-800	Voice General Use	773.993750	803.993750
	837-838	Voice General Use	774.231250	804.231250
	839-840	Voice General Use	774.243750	804.243750
	901-902	Voice General Use	774.631250	804.631250
	903-904	Voice General Use	774.643750	804.643750
	945-946	Voice General Use	774.906250	804.906250
	947-948	Voice General Use	774.918750	804.918750
	33-34	Voice State License	769.206250	799.206250
	35-36	Voice State License	769.218750	799.218750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
	113-114	Voice State License	769.706250	799.706250
	115-116	Voice State License	769.718750	799.718750
	193-194	Voice State License	770.206250	800.206250
	195-196	Voice State License	770.218750	800.218750
	233-234	Voice State License	770.456250	800.456250
	235-236	Voice State License	770.468750	800.468750
	273-274	Voice State License	770.706250	800.706250
	275-276	Voice State License	770.718750	800.718750
	313-314	Voice State License	770.956250	800.956250
	315-316	Voice State License	770.968750	800.968750
	653-654	Voice State License	773.081250	803.081250
	655-656	Voice State License	773.093750	803.093750
	693-694	Voice State License	773.331250	803.331250
	695-696	Voice State License	773.343750	803.343750
	733-734	Voice State License	773.581250	803.581250
	735-736	Voice State License	773.593750	803.593750
	773-774	Voice State License	773.831250	803.831250
	775-776	Voice State License	773.843750	803.843750
	813-814	Voice State License	774.081250	804.081250
	815-816	Voice State License	774.093750	804.093750
	853-854	Voice State License	774.331250	804.331250
	855-856	Voice State License	774.343750	804.343750
	893-894	Voice State License	774.581250	804.581250
	895-896	Voice State License	774.593750	804.593750
	933-934	Voice State License	774.831250	804.831250
	935-936	Voice State License	774.843750	804.843750
Comal	49-50	Voice General Use	769.306250	799.306250
	51-52	Voice General Use	769.318750	799.318750
	89-90	Voice General Use	769.556250	799.556250
	91-92	Voice General Use	769.568750	799.568750
	253-254	Voice General Use	770.581250	800.581250
	255-256	Voice General Use	770.593750	800.593750
	293-294	Voice General Use	770.831250	800.831250
	295-296	Voice General Use	770.843750	800.843750
	341-342	Voice General Use	771.131250	801.131250
	343-344	Voice General Use	771.143750	801.143750
	393-394	Voice General Use	771.456250	801.456250
	395-396	Voice General Use	771.468750	801.468750
	441-442	Voice General Use	771.756250	801.756250
	443-444	Voice General Use	771.768750	801.768750
	513-514	Voice General Use	772.206250	802.206250
	515-516	Voice General Use	772.218750	802.218750
	557-558	Voice General Use	772.481250	802.481250
	559-560	Voice General Use	772.493750	802.493750
	597-598	Voice General Use	772.731250	802.731250
	599-600	Voice General Use	772.743750	802.743750

	637-638	Voice General Use	772.981250	802.981250
	639-640	Voice General Use	772.993750	802.993750
	745-746	Voice General Use	773.656250	803.656250
	747-748	Voice General Use	773.668750	803.668750
	105-106	Voice State License	769.656250	799.656250
	107-108	Voice State License	769.668750	799.668750
	813-814	Voice State License	774.081250	804.081250
	815-816	Voice State License	774.093750	804.093750
	853-854	Voice State License	774.331250	804.331250
	855-856	Voice State License	774.343750	804.343750
De Witt	93-94	Voice General Use	769.581250	799.581250
	95-96	Voice General Use	769.593750	799.593750
	173-174	Voice General Use	770.081250	800.081250
	175-176	Voice General Use	770.093750	800.093750
	253-254	Voice General Use	770.581250	800.581250
	255-256	Voice General Use	770.593750	800.593750
	297-298	Voice General Use	770.856250	800.856250
	299-300	Voice General Use	770.868750	800.868750
	337-338	Voice General Use	771.106250	801.106250
	339-340	Voice General Use	771.118750	801.118750
	393-394	Voice General Use	771.456250	801.456250
	395-396	Voice General Use	771.468750	801.468750
	457-458	Voice General Use	771.856250	801.856250
	459-460	Voice General Use	771.868750	801.868750
	521-522	Voice General Use	772.256250	802.256250
	523-524	Voice General Use	772.268750	802.268750
	617-618	Voice General Use	772.856250	802.856250
	619-620	Voice General Use	772.868750	802.868750
	745-746	Voice General Use	773.656250	803.656250
	747-748	Voice General Use	773.668750	803.668750
	785-786	Voice General Use	773.906250	803.906250
	787-788	Voice General Use	773.918750	803.918750
	33-34	Voice State License	769.206250	799.206250
	35-36	Voice State License	769.218750	799.218750
	145-146	Voice State License	769.906250	799.906250
	147-148	Voice State License	769.918750	799.918750
	853-854	Voice State License	774.331250	804.331250
	855-856	Voice State License	774.343750	804.343750
Dimmit	121-122	Voice General Use	769.756250	799.756250
	123-124	Voice General Use	769.768750	799.768750
	217-218	Voice General Use	770.356250	800.356250
	219-220	Voice General Use	770.368750	800.368750
	353-354	Voice General Use	771.206250	801.206250
	355-356	Voice General Use	771.218750	801.218750
	393-394	Voice General Use	771.456250	801.456250
	395-396	Voice General Use	771.468750	801.468750
	453-454	Voice General Use	771.831250	801.831250
	455-456	Voice General Use	771.843750	801.843750
	505-506	Voice General Use	772.156250	802.156250
	507-508	Voice General Use	772.168750	802.168750
	545-546	Voice General Use	772.406250	802.406250
	547-548	Voice General Use	772.418750	802.418750
	597-598	Voice General Use	772.731250	802.731250
	599-600	Voice General Use	772.743750	802.743750
	677-678	Voice General Use	773.231250	803.231250
	679-680	Voice General Use	773.243750	803.243750
	789-790	Voice General Use	773.931250	803.931250
	791-792	Voice General Use	773.943750	803.943750
	829-830	Voice General Use	774.181250	804.181250
	831-832	Voice General Use	774.193750	804.193750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
	153-154	Voice State License	769.956250	799.956250
	155-156	Voice State License	769.968750	799.968750
	933-934	Voice State License	774.831250	804.831250
	935-936	Voice State License	774.843750	804.843750

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Duval	53-54	Voice General Use	769.331250	799.331250
	55-56	Voice General Use	769.343750	799.343750
	337-338	Voice General Use	771.106250	801.106250
	339-340	Voice General Use	771.118750	801.118750
	381-382	Voice General Use	771.381250	801.381250
	383-384	Voice General Use	771.393750	801.393750
	453-454	Voice General Use	771.831250	801.831250
	455-456	Voice General Use	771.843750	801.843750
	513-514	Voice General Use	772.206250	802.206250
	515-516	Voice General Use	772.218750	802.218750
	585-586	Voice General Use	772.656250	802.656250
	587-588	Voice General Use	772.668750	802.668750
	629-630	Voice General Use	772.931250	802.931250
	631-632	Voice General Use	772.943750	802.943750
	701-702	Voice General Use	773.381250	803.381250
	703-704	Voice General Use	773.393750	803.393750
	785-786	Voice General Use	773.906250	803.906250
	787-788	Voice General Use	773.918750	803.918750
	693-694	Voice State License	773.331250	803.331250
	695-696	Voice State License	773.343750	803.343750
	733-734	Voice State License	773.581250	803.581250
	735-736	Voice State License	773.593750	803.593750
	853-854	Voice State License	774.331250	804.331250
	855-856	Voice State License	774.343750	804.343750
Edwards	13-14	Voice General Use	769.081250	799.081250
	15-16	Voice General Use	769.093750	799.093750
	393-394	Voice General Use	771.456250	801.456250
	395-396	Voice General Use	771.468750	801.468750
	433-434	Voice General Use	771.706250	801.706250
	435-436	Voice General Use	771.718750	801.718750
	473-474	Voice General Use	771.956250	801.956250
	475-476	Voice General Use	771.968750	801.968750
	549-550	Voice General Use	772.431250	802.431250
	551-552	Voice General Use	772.443750	802.443750
	601-602	Voice General Use	772.756250	802.756250
	603-604	Voice General Use	772.768750	802.768750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
Frio	13-14	Voice General Use	769.081250	799.081250
	15-16	Voice General Use	769.093750	799.093750
	165-166	Voice General Use	770.031250	800.031250
	167-168	Voice General Use	770.043750	800.043750
	281-282	Voice General Use	770.756250	800.756250
	283-284	Voice General Use	770.768750	800.768750
	337-338	Voice General Use	771.106250	801.106250
	339-340	Voice General Use	771.118750	801.118750
	381-382	Voice General Use	771.381250	801.381250
	383-384	Voice General Use	771.393750	801.393750
	421-422	Voice General Use	771.631250	801.631250
	423-424	Voice General Use	771.643750	801.643750
	485-486	Voice General Use	772.031250	802.031250
	487-488	Voice General Use	772.043750	802.043750
	557-558	Voice General Use	772.481250	802.481250
	559-560	Voice General Use	772.493750	802.493750
	637-638	Voice General Use	772.981250	802.981250
	639-640	Voice General Use	772.993750	802.993750
	781-782	Voice General Use	773.881250	803.881250
	783-784	Voice General Use	773.893750	803.893750
	861-862	Voice General Use	774.381250	804.381250
	863-864	Voice General Use	774.393750	804.393750
	901-902	Voice General Use	774.631250	804.631250
	903-904	Voice General Use	774.643750	804.643750
	941-942	Voice General Use	774.881250	804.881250
	943-944	Voice General Use	774.893750	804.893750
	109-110	Voice State License	769.681250	799.681250
	111-112	Voice State License	769.693750	799.693750
	185-186	Voice State License	770.156250	800.156250

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	187-188	Voice State License	770.168750	800.168750
	693-694	Voice State License	773.331250	803.331250
	695-696	Voice State License	773.343750	803.343750
	849-850	Voice State License	774.306250	804.306250
	851-852	Voice State License	774.318750	804.318750
Gillespie	97-98	Voice General Use	769.606250	799.606250
	99-100	Voice General Use	769.618750	799.618750
	241-242	Voice General Use	770.506250	800.506250
	243-244	Voice General Use	770.518750	800.518750
	349-350	Voice General Use	771.181250	801.181250
	351-352	Voice General Use	771.193750	801.193750
	421-422	Voice General Use	771.631250	801.631250
	423-424	Voice General Use	771.643750	801.643750
	461-462	Voice General Use	771.881250	801.881250
	463-464	Voice General Use	771.893750	801.893750
	505-506	Voice General Use	772.156250	802.156250
	507-508	Voice General Use	772.168750	802.168750
	613-614	Voice General Use	772.831250	802.831250
	615-616	Voice General Use	772.843750	802.843750
	673-674	Voice General Use	773.206250	803.206250
	675-676	Voice General Use	773.218750	803.218750
	713-714	Voice General Use	773.456250	803.456250
	715-716	Voice General Use	773.468750	803.468750
	793-794	Voice General Use	773.956250	803.956250
	795-796	Voice General Use	773.968750	803.968750
	869-870	Voice General Use	774.431250	804.431250
	871-872	Voice General Use	774.443750	804.443750
	913-914	Voice General Use	774.706250	804.706250
	915-916	Voice General Use	774.718750	804.718750
	69-70	Voice State License	769.431250	799.431250
	71-72	Voice State License	769.443750	799.443750
	769-770	Voice State License	773.806250	803.806250
	771-772	Voice State License	773.818750	803.818750
	809-810	Voice State License	774.056250	804.056250
	811-812	Voice State License	774.068750	804.068750
	849-850	Voice State License	774.306250	804.306250
	851-852	Voice State License	774.318750	804.318750
Goliad	133-134	Voice General Use	769.831250	799.831250
	135-136	Voice General Use	769.843750	799.843750
	369-370	Voice General Use	771.306250	801.306250
	371-372	Voice General Use	771.318750	801.318750
	417-418	Voice General Use	771.606250	801.606250
	419-420	Voice General Use	771.618750	801.618750
	469-470	Voice General Use	771.931250	801.931250
	471-472	Voice General Use	771.943750	801.943750
	585-586	Voice General Use	772.656250	802.656250
	587-588	Voice General Use	772.668750	802.668750
	189-190	Voice State License	770.181250	800.181250
	191-192	Voice State License	770.193750	800.193750
	309-310	Voice State License	770.931250	800.931250
	311-312	Voice State License	770.943750	800.943750
Gonzales	241-242	Voice General Use	770.506250	800.506250
	243-244	Voice General Use	770.518750	800.518750
	365-366	Voice General Use	771.281250	801.281250
	367-368	Voice General Use	771.293750	801.293750
	429-430	Voice General Use	771.681250	801.681250
	431-432	Voice General Use	771.693750	801.693750
	489-490	Voice General Use	772.056250	802.056250
	491-492	Voice General Use	772.068750	802.068750
	553-554	Voice General Use	772.456250	802.456250
	555-556	Voice General Use	772.468750	802.468750
	701-702	Voice General Use	773.381250	803.381250
	703-704	Voice General Use	773.393750	803.393750
	861-862	Voice General Use	774.381250	804.381250
	863-864	Voice General Use	774.393750	804.393750
	901-902	Voice General Use	774.631250	804.631250
	903-904	Voice General Use	774.643750	804.643750

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	941-942	Voice	General Use	774.881250	804.881250
	943-944	Voice	General Use	774.893750	804.893750
	109-110	Voice	State License	769.681250	799.681250
	111-112	Voice	State License	769.693750	799.693750
	229-230	Voice	State License	770.431250	800.431250
	231-232	Voice	State License	770.443750	800.443750
Guadalupe	41-42	Voice	General Use	769.256250	799.256250
	43-44	Voice	General Use	769.268750	799.268750
	97-98	Voice	General Use	769.606250	799.606250
	99-100	Voice	General Use	769.618750	799.618750
	169-170	Voice	General Use	770.056250	800.056250
	171-172	Voice	General Use	770.068750	800.068750
	325-326	Voice	General Use	771.031250	801.031250
	327-328	Voice	General Use	771.043750	801.043750
	373-374	Voice	General Use	771.331250	801.331250
	375-376	Voice	General Use	771.343750	801.343750
	417-418	Voice	General Use	771.606250	801.606250
	419-420	Voice	General Use	771.618750	801.618750
	465-466	Voice	General Use	771.906250	801.906250
	467-468	Voice	General Use	771.918750	801.918750
	505-506	Voice	General Use	772.156250	802.156250
	507-508	Voice	General Use	772.168750	802.168750
	545-546	Voice	General Use	772.406250	802.406250
	547-548	Voice	General Use	772.418750	802.418750
	609-610	Voice	General Use	772.806250	802.806250
	611-612	Voice	General Use	772.818750	802.818750
	673-674	Voice	General Use	773.206250	803.206250
	675-676	Voice	General Use	773.218750	803.218750
	781-782	Voice	General Use	773.881250	803.881250
	783-784	Voice	General Use	773.893750	803.893750
	825-826	Voice	General Use	774.156250	804.156250
	827-828	Voice	General Use	774.168750	804.168750
	917-918	Voice	General Use	774.731250	804.731250
	919-920	Voice	General Use	774.743750	804.743750
	153-154	Voice	State License	769.956250	799.956250
	155-156	Voice	State License	769.968750	799.968750
	653-654	Voice	State License	773.081250	803.081250
	655-656	Voice	State License	773.093750	803.093750
	693-694	Voice	State License	773.331250	803.331250
	695-696	Voice	State License	773.343750	803.343750
Hidalgo	45-46	Voice	General Use	769.281250	799.281250
	47-48	Voice	General Use	769.293750	799.293750
	93-94	Voice	General Use	769.581250	799.581250
	95-96	Voice	General Use	769.593750	799.593750
	133-134	Voice	General Use	769.831250	799.831250
	135-136	Voice	General Use	769.843750	799.843750
	177-178	Voice	General Use	770.106250	800.106250
	179-180	Voice	General Use	770.118750	800.118750
	217-218	Voice	General Use	770.356250	800.356250
	219-220	Voice	General Use	770.368750	800.368750
	257-258	Voice	General Use	770.606250	800.606250
	259-260	Voice	General Use	770.618750	800.618750
	297-298	Voice	General Use	770.856250	800.856250
	299-300	Voice	General Use	770.868750	800.868750
	345-346	Voice	General Use	771.156250	801.156250
	347-348	Voice	General Use	771.168750	801.168750
	385-386	Voice	General Use	771.406250	801.406250
	387-388	Voice	General Use	771.418750	801.418750
	437-438	Voice	General Use	771.731250	801.731250
	439-440	Voice	General Use	771.743750	801.743750
	477-478	Voice	General Use	771.981250	801.981250
	479-480	Voice	General Use	771.993750	801.993750
	553-554	Voice	General Use	772.456250	802.456250
	555-556	Voice	General Use	772.468750	802.468750
	601-602	Voice	General Use	772.756250	802.756250
	603-604	Voice	General Use	772.768750	802.768750
	661-662	Voice	General Use	773.131250	803.131250
	663-664	Voice	General Use	773.143750	803.143750

	713-714	Voice General Use	773.456250	803.456250
	715-716	Voice General Use	773.468750	803.468750
	781-782	Voice General Use	773.881250	803.881250
	783-784	Voice General Use	773.893750	803.893750
	825-826	Voice General Use	774.156250	804.156250
	827-828	Voice General Use	774.168750	804.168750
	865-866	Voice General Use	774.406250	804.406250
	867-868	Voice General Use	774.418750	804.418750
	909-910	Voice General Use	774.681250	804.681250
	911-912	Voice General Use	774.693750	804.693750
	105-106	Voice State License	769.656250	799.656250
	107-108	Voice State License	769.668750	799.668750
	145-146	Voice State License	769.906250	799.906250
	147-148	Voice State License	769.918750	799.918750
	185-186	Voice State License	770.156250	800.156250
	187-188	Voice State License	770.168750	800.168750
	225-226	Voice State License	770.406250	800.406250
	227-228	Voice State License	770.418750	800.418750
	265-266	Voice State License	770.656250	800.656250
	267-268	Voice State License	770.668750	800.668750
	305-306	Voice State License	770.906250	800.906250
	307-308	Voice State License	770.918750	800.918750
	645-646	Voice State License	773.031250	803.031250
	647-648	Voice State License	773.043750	803.043750
	685-686	Voice State License	773.281250	803.281250
	687-688	Voice State License	773.293750	803.293750
	725-726	Voice State License	773.531250	803.531250
	727-728	Voice State License	773.543750	803.543750
	765-766	Voice State License	773.781250	803.781250
	767-768	Voice State License	773.793750	803.793750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	845-846	Voice State License	774.281250	804.281250
	847-848	Voice State License	774.293750	804.293750
	885-886	Voice State License	774.531250	804.531250
	887-888	Voice State License	774.543750	804.543750
	925-926	Voice State License	774.781250	804.781250
	927-928	Voice State License	774.793750	804.793750
Jackson	129-130	Voice General Use	769.806250	799.806250
	131-132	Voice General Use	769.818750	799.818750
	217-218	Voice General Use	770.356250	800.356250
	219-220	Voice General Use	770.368750	800.368750
	353-354	Voice General Use	771.206250	801.206250
	355-356	Voice General Use	771.218750	801.218750
	425-426	Voice General Use	771.656250	801.656250
	427-428	Voice General Use	771.668750	801.668750
	529-530	Voice General Use	772.306250	802.306250
	531-532	Voice General Use	772.318750	802.318750
	569-570	Voice General Use	772.556250	802.556250
	571-572	Voice General Use	772.568750	802.568750
	633-634	Voice General Use	772.956250	802.956250
	635-636	Voice General Use	772.968750	802.968750
	865-866	Voice General Use	774.406250	804.406250
	867-868	Voice General Use	774.418750	804.418750
	113-114	Voice State License	769.706250	799.706250
	115-116	Voice State License	769.718750	799.718750
	185-186	Voice State License	770.156250	800.156250
	187-188	Voice State License	770.168750	800.168750
	685-686	Voice State License	773.281250	803.281250
	687-688	Voice State License	773.293750	803.293750
Jim Hogg	321-322	Voice General Use	771.006250	801.006250
	323-324	Voice General Use	771.018750	801.018750
	365-366	Voice General Use	771.281250	801.281250
	367-368	Voice General Use	771.293750	801.293750
	405-406	Voice General Use	771.531250	801.531250
	407-408	Voice General Use	771.543750	801.543750
	445-446	Voice General Use	771.781250	801.781250
	447-448	Voice General Use	771.793750	801.793750

	493-494	Voice General Use	772.081250	802.081250
	495-496	Voice General Use	772.093750	802.093750
	533-534	Voice General Use	772.331250	802.331250
	535-536	Voice General Use	772.343750	802.343750
	573-574	Voice General Use	772.581250	802.581250
	575-576	Voice General Use	772.593750	802.593750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
Jim Wells	41-42	Voice General Use	769.256250	799.256250
	43-44	Voice General Use	769.268750	799.268750
	89-90	Voice General Use	769.556250	799.556250
	91-92	Voice General Use	769.568750	799.568750
	213-214	Voice General Use	770.331250	800.331250
	215-216	Voice General Use	770.343750	800.343750
	281-282	Voice General Use	770.756250	800.756250
	283-284	Voice General Use	770.768750	800.768750
	349-350	Voice General Use	771.181250	801.181250
	351-352	Voice General Use	771.193750	801.193750
	389-390	Voice General Use	771.431250	801.431250
	391-392	Voice General Use	771.443750	801.443750
	433-434	Voice General Use	771.706250	801.706250
	435-436	Voice General Use	771.718750	801.718750
	489-490	Voice General Use	772.056250	802.056250
	491-492	Voice General Use	772.068750	802.068750
	557-558	Voice General Use	772.481250	802.481250
	559-560	Voice General Use	772.493750	802.493750
	605-606	Voice General Use	772.781250	802.781250
	607-608	Voice General Use	772.793750	802.793750
	665-666	Voice General Use	773.156250	803.156250
	667-668	Voice General Use	773.168750	803.168750
	757-758	Voice General Use	773.731250	803.731250
	759-760	Voice General Use	773.743750	803.743750
	829-830	Voice General Use	774.181250	804.181250
	831-832	Voice General Use	774.193750	804.193750
	917-918	Voice General Use	774.731250	804.731250
	919-920	Voice General Use	774.743750	804.743750
	153-154	Voice State License	769.956250	799.956250
	155-156	Voice State License	769.968750	799.968750
	193-194	Voice State License	770.206250	800.206250
	195-196	Voice State License	770.218750	800.218750
	233-234	Voice State License	770.456250	800.456250
	235-236	Voice State License	770.468750	800.468750
	933-934	Voice State License	774.831250	804.831250
	935-936	Voice State License	774.843750	804.843750
Karnes	53-54	Voice General Use	769.331250	799.331250
	55-56	Voice General Use	769.343750	799.343750
	329-330	Voice General Use	771.056250	801.056250
	331-332	Voice General Use	771.068750	801.068750
	381-382	Voice General Use	771.381250	801.381250
	383-384	Voice General Use	771.393750	801.393750
	441-442	Voice General Use	771.756250	801.756250
	443-444	Voice General Use	771.768750	801.768750
	481-482	Voice General Use	772.006250	802.006250
	483-484	Voice General Use	772.018750	802.018750
	561-562	Voice General Use	772.506250	802.506250
	563-564	Voice General Use	772.518750	802.518750
	605-606	Voice General Use	772.781250	802.781250
	607-608	Voice General Use	772.793750	802.793750
	665-666	Voice General Use	773.156250	803.156250
	667-668	Voice General Use	773.168750	803.168750
	829-830	Voice General Use	774.181250	804.181250
	831-832	Voice General Use	774.193750	804.193750
	649-650	Voice State License	773.056250	803.056250
	651-652	Voice State License	773.068750	803.068750
	809-810	Voice State License	774.056250	804.056250
	811-812	Voice State License	774.068750	804.068750

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Kendall	81-82	Voice	General Use	769.506250	799.506250
	83-84	Voice	General Use	769.518750	799.518750
	133-134	Voice	General Use	769.831250	799.831250
	135-136	Voice	General Use	769.843750	799.843750
	377-378	Voice	General Use	771.356250	801.356250
	379-380	Voice	General Use	771.368750	801.368750
	433-434	Voice	General Use	771.706250	801.706250
	435-436	Voice	General Use	771.718750	801.718750
	521-522	Voice	General Use	772.256250	802.256250
	523-524	Voice	General Use	772.268750	802.268750
	565-566	Voice	General Use	772.531250	802.531250
	567-568	Voice	General Use	772.543750	802.543750
	605-606	Voice	General Use	772.781250	802.781250
	607-608	Voice	General Use	772.793750	802.793750
	753-754	Voice	General Use	773.706250	803.706250
	755-756	Voice	General Use	773.718750	803.718750
	933-934	Voice	State License	774.831250	804.831250
	935-936	Voice	State License	774.843750	804.843750
Kenedy	289-290	Voice	General Use	770.806250	800.806250
	291-292	Voice	General Use	770.818750	800.818750
	333-334	Voice	General Use	771.081250	801.081250
	335-336	Voice	General Use	771.093750	801.093750
	377-378	Voice	General Use	771.356250	801.356250
	379-380	Voice	General Use	771.368750	801.368750
	449-450	Voice	General Use	771.806250	801.806250
	451-452	Voice	General Use	771.818750	801.818750
	521-522	Voice	General Use	772.256250	802.256250
	523-524	Voice	General Use	772.268750	802.268750
	569-570	Voice	General Use	772.556250	802.556250
	571-572	Voice	General Use	772.568750	802.568750
	617-618	Voice	General Use	772.856250	802.856250
	619-620	Voice	General Use	772.868750	802.868750
	65-66	Voice	State License	769.406250	799.406250
	67-68	Voice	State License	769.418750	799.418750
Kerr	45-46	Voice	General Use	769.281250	799.281250
	47-48	Voice	General Use	769.293750	799.293750
	125-126	Voice	General Use	769.781250	799.781250
	127-128	Voice	General Use	769.793750	799.793750
	177-178	Voice	General Use	770.106250	800.106250
	179-180	Voice	General Use	770.118750	800.118750
	249-250	Voice	General Use	770.556250	800.556250
	251-252	Voice	General Use	770.568750	800.568750
	289-290	Voice	General Use	770.806250	800.806250
	291-292	Voice	General Use	770.818750	800.818750
	361-362	Voice	General Use	771.256250	801.256250
	363-364	Voice	General Use	771.268750	801.268750
	405-406	Voice	General Use	771.531250	801.531250
	407-408	Voice	General Use	771.543750	801.543750
	453-454	Voice	General Use	771.831250	801.831250
	455-456	Voice	General Use	771.843750	801.843750
	529-530	Voice	General Use	772.306250	802.306250
	531-532	Voice	General Use	772.318750	802.318750
	581-582	Voice	General Use	772.631250	802.631250
	583-584	Voice	General Use	772.643750	802.643750
	625-626	Voice	General Use	772.906250	802.906250
	627-628	Voice	General Use	772.918750	802.918750
	665-666	Voice	General Use	773.156250	803.156250
	667-668	Voice	General Use	773.168750	803.168750
	785-786	Voice	General Use	773.906250	803.906250
	787-788	Voice	General Use	773.918750	803.918750
	861-862	Voice	General Use	774.381250	804.381250
	863-864	Voice	General Use	774.393750	804.393750
	901-902	Voice	General Use	774.631250	804.631250
	903-904	Voice	General Use	774.643750	804.643750
	941-942	Voice	General Use	774.881250	804.881250
	943-944	Voice	General Use	774.893750	804.893750
	25-26	Voice	State License	769.156250	799.156250

	27-28	Voice State License	769.168750	799.168750
	109-110	Voice State License	769.681250	799.681250
	111-112	Voice State License	769.693750	799.693750
	189-190	Voice State License	770.181250	800.181250
	191-192	Voice State License	770.193750	800.193750
	309-310	Voice State License	770.931250	800.931250
	311-312	Voice State License	770.943750	800.943750
	649-650	Voice State License	773.056250	803.056250
	651-652	Voice State License	773.068750	803.068750
	689-690	Voice State License	773.306250	803.306250
	691-692	Voice State License	773.318750	803.318750
	729-730	Voice State License	773.556250	803.556250
	731-732	Voice State License	773.568750	803.568750
	889-890	Voice State License	774.556250	804.556250
	891-892	Voice State License	774.568750	804.568750
Kinney	169-170	Voice General Use	770.056250	800.056250
	171-172	Voice General Use	770.068750	800.068750
	209-210	Voice General Use	770.306250	800.306250
	211-212	Voice General Use	770.318750	800.318750
	349-350	Voice General Use	771.181250	801.181250
	351-352	Voice General Use	771.193750	801.193750
	417-418	Voice General Use	771.606250	801.606250
	419-420	Voice General Use	771.618750	801.618750
	465-466	Voice General Use	771.906250	801.906250
	467-468	Voice General Use	771.918750	801.918750
	509-510	Voice General Use	772.181250	802.181250
	511-512	Voice General Use	772.193750	802.193750
	557-558	Voice General Use	772.481250	802.481250
	559-560	Voice General Use	772.493750	802.493750
	661-662	Voice General Use	773.131250	803.131250
	663-664	Voice General Use	773.143750	803.143750
	793-794	Voice General Use	773.956250	803.956250
	795-796	Voice General Use	773.968750	803.968750
	105-106	Voice State License	769.656250	799.656250
	107-108	Voice State License	769.668750	799.668750
	185-186	Voice State License	770.156250	800.156250
	187-188	Voice State License	770.168750	800.168750
Kleberg	81-82	Voice General Use	769.506250	799.506250
	83-84	Voice General Use	769.518750	799.518750
	129-130	Voice General Use	769.806250	799.806250
	131-132	Voice General Use	769.818750	799.818750
	169-170	Voice General Use	770.056250	800.056250
	171-172	Voice General Use	770.068750	800.068750
	245-246	Voice General Use	770.531250	800.531250
	247-248	Voice General Use	770.543750	800.543750
	325-326	Voice General Use	771.031250	801.031250
	327-328	Voice General Use	771.043750	801.043750
	369-370	Voice General Use	771.306250	801.306250
	371-372	Voice General Use	771.318750	801.318750
	425-426	Voice General Use	771.656250	801.656250
	427-428	Voice General Use	771.668750	801.668750
	469-470	Voice General Use	771.931250	801.931250
	471-472	Voice General Use	771.943750	801.943750
	537-538	Voice General Use	772.356250	802.356250
	539-540	Voice General Use	772.368750	802.368750
	577-578	Voice General Use	772.606250	802.606250
	579-580	Voice General Use	772.618750	802.618750
	625-626	Voice General Use	772.906250	802.906250
	627-628	Voice General Use	772.918750	802.918750
	717-718	Voice General Use	773.481250	803.481250
	719-720	Voice General Use	773.493750	803.493750
	821-822	Voice General Use	774.131250	804.131250
	823-824	Voice General Use	774.143750	804.143750
	905-906	Voice General Use	774.656250	804.656250
	907-908	Voice General Use	774.668750	804.668750
	945-946	Voice General Use	774.906250	804.906250
	947-948	Voice General Use	774.918750	804.918750
	109-110	Voice State License	769.681250	799.681250

	111-112	Voice State License	769.693750	799.693750
	313-314	Voice State License	770.956250	800.956250
	315-316	Voice State License	770.968750	800.968750
	773-774	Voice State License	773.831250	803.831250
	775-776	Voice State License	773.843750	803.843750
	893-894	Voice State License	774.581250	804.581250
	895-896	Voice State License	774.593750	804.593750
La Salle	97-98	Voice General Use	769.606250	799.606250
	99-100	Voice General Use	769.618750	799.618750
	137-138	Voice General Use	769.856250	799.856250
	139-140	Voice General Use	769.868750	799.868750
	177-178	Voice General Use	770.106250	800.106250
	179-180	Voice General Use	770.118750	800.118750
	365-366	Voice General Use	771.281250	801.281250
	367-368	Voice General Use	771.293750	801.293750
	405-406	Voice General Use	771.531250	801.531250
	407-408	Voice General Use	771.543750	801.543750
	497-498	Voice General Use	772.106250	802.106250
	499-500	Voice General Use	772.118750	802.118750
	537-538	Voice General Use	772.356250	802.356250
	539-540	Voice General Use	772.368750	802.368750
	577-578	Voice General Use	772.606250	802.606250
	579-580	Voice General Use	772.618750	802.618750
	741-742	Voice General Use	773.631250	803.631250
	743-744	Voice General Use	773.643750	803.643750
	837-838	Voice General Use	774.231250	804.231250
	839-840	Voice General Use	774.243750	804.243750
	145-146	Voice State License	769.906250	799.906250
	147-148	Voice State License	769.918750	799.918750
	653-654	Voice State License	773.081250	803.081250
	655-656	Voice State License	773.093750	803.093750
	813-814	Voice State License	774.081250	804.081250
	815-816	Voice State License	774.093750	804.093750
Lavaca	13-14	Voice General Use	769.081250	799.081250
	15-16	Voice General Use	769.093750	799.093750
	57-58	Voice General Use	769.356250	799.356250
	59-60	Voice General Use	769.368750	799.368750
	209-210	Voice General Use	770.306250	800.306250
	211-212	Voice General Use	770.318750	800.318750
	281-282	Voice General Use	770.756250	800.756250
	283-284	Voice General Use	770.768750	800.768750
	385-386	Voice General Use	771.406250	801.406250
	387-388	Voice General Use	771.418750	801.418750
	477-478	Voice General Use	771.981250	801.981250
	479-480	Voice General Use	771.993750	801.993750
	537-538	Voice General Use	772.356250	802.356250
	539-540	Voice General Use	772.368750	802.368750
	589-590	Voice General Use	772.681250	802.681250
	591-592	Voice General Use	772.693750	802.693750
	873-874	Voice General Use	774.456250	804.456250
	875-876	Voice General Use	774.468750	804.468750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
	845-846	Voice State License	774.281250	804.281250
	847-848	Voice State License	774.293750	804.293750
	885-886	Voice State License	774.531250	804.531250
	887-888	Voice State License	774.543750	804.543750
Live Oak	361-362	Voice General Use	771.256250	801.256250
	363-364	Voice General Use	771.268750	801.268750
	413-414	Voice General Use	771.581250	801.581250
	415-416	Voice General Use	771.593750	801.593750
	501-502	Voice General Use	772.131250	802.131250
	503-504	Voice General Use	772.143750	802.143750
	541-542	Voice General Use	772.381250	802.381250
	543-544	Voice General Use	772.393750	802.393750
	597-598	Voice General Use	772.731250	802.731250
	599-600	Voice General Use	772.743750	802.743750

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	713-714	Voice General Use	773.456250	803.456250
	715-716	Voice General Use	773.468750	803.468750
	873-874	Voice General Use	774.456250	804.456250
	875-876	Voice General Use	774.468750	804.468750
	25-26	Voice State License	769.156250	799.156250
	27-28	Voice State License	769.168750	799.168750
	105-106	Voice State License	769.656250	799.656250
	107-108	Voice State License	769.668750	799.668750
Maverick	17-18	Voice General Use	769.106250	799.106250
	19-20	Voice General Use	769.118750	799.118750
	57-58	Voice General Use	769.356250	799.356250
	59-60	Voice General Use	769.368750	799.368750
	97-98	Voice General Use	769.606250	799.606250
	99-100	Voice General Use	769.618750	799.618750
	137-138	Voice General Use	769.856250	799.856250
	139-140	Voice General Use	769.868750	799.868750
	177-178	Voice General Use	770.106250	800.106250
	179-180	Voice General Use	770.118750	800.118750
	281-282	Voice General Use	770.756250	800.756250
	283-284	Voice General Use	770.768750	800.768750
	337-338	Voice General Use	771.106250	801.106250
	339-340	Voice General Use	771.118750	801.118750
	385-386	Voice General Use	771.406250	801.406250
	387-388	Voice General Use	771.418750	801.418750
	441-442	Voice General Use	771.756250	801.756250
	443-444	Voice General Use	771.768750	801.768750
	497-498	Voice General Use	772.106250	802.106250
	499-500	Voice General Use	772.118750	802.118750
	537-538	Voice General Use	772.356250	802.356250
	539-540	Voice General Use	772.368750	802.368750
	589-590	Voice General Use	772.681250	802.681250
	591-592	Voice General Use	772.693750	802.693750
	637-638	Voice General Use	772.981250	802.981250
	639-640	Voice General Use	772.993750	802.993750
	701-702	Voice General Use	773.381250	803.381250
	703-704	Voice General Use	773.393750	803.393750
	741-742	Voice General Use	773.631250	803.631250
	743-744	Voice General Use	773.643750	803.643750
	781-782	Voice General Use	773.881250	803.881250
	783-784	Voice General Use	773.893750	803.893750
	837-838	Voice General Use	774.231250	804.231250
	839-840	Voice General Use	774.243750	804.243750
	877-878	Voice General Use	774.481250	804.481250
	879-880	Voice General Use	774.493750	804.493750
	917-918	Voice General Use	774.731250	804.731250
	919-920	Voice General Use	774.743750	804.743750
	65-66	Voice State License	769.406250	799.406250
	67-68	Voice State License	769.418750	799.418750
	145-146	Voice State License	769.906250	799.906250
	147-148	Voice State License	769.918750	799.918750
	653-654	Voice State License	773.081250	803.081250
	655-656	Voice State License	773.093750	803.093750
	693-694	Voice State License	773.331250	803.331250
	695-696	Voice State License	773.343750	803.343750
	733-734	Voice State License	773.581250	803.581250
	735-736	Voice State License	773.593750	803.593750
	813-814	Voice State License	774.081250	804.081250
	815-816	Voice State License	774.093750	804.093750
	853-854	Voice State License	774.331250	804.331250
	855-856	Voice State License	774.343750	804.343750
	893-894	Voice State License	774.581250	804.581250
	895-896	Voice State License	774.593750	804.593750
McMullen	373-374	Voice General Use	771.331250	801.331250
	375-376	Voice General Use	771.343750	801.343750
	445-446	Voice General Use	771.781250	801.781250
	447-448	Voice General Use	771.793750	801.793750
	521-522	Voice General Use	772.256250	802.256250
	523-524	Voice General Use	772.268750	802.268750

	565-566	Voice	General Use	772.531250	802.531250
	567-568	Voice	General Use	772.543750	802.543750
	673-674	Voice	General Use	773.206250	803.206250
	675-676	Voice	General Use	773.218750	803.218750
	69-70	Voice	State License	769.431250	799.431250
	71-72	Voice	State License	769.443750	799.443750
Medina	93-94	Voice	General Use	769.581250	799.581250
	95-96	Voice	General Use	769.593750	799.593750
	173-174	Voice	General Use	770.081250	800.081250
	175-176	Voice	General Use	770.093750	800.093750
	213-214	Voice	General Use	770.331250	800.331250
	215-216	Voice	General Use	770.343750	800.343750
	297-298	Voice	General Use	770.856250	800.856250
	299-300	Voice	General Use	770.868750	800.868750
	345-346	Voice	General Use	771.156250	801.156250
	347-348	Voice	General Use	771.168750	801.168750
	413-414	Voice	General Use	771.581250	801.581250
	415-416	Voice	General Use	771.593750	801.593750
	469-470	Voice	General Use	771.931250	801.931250
	471-472	Voice	General Use	771.943750	801.943750
	585-586	Voice	General Use	772.656250	802.656250
	587-588	Voice	General Use	772.668750	802.668750
	629-630	Voice	General Use	772.931250	802.931250
	631-632	Voice	General Use	772.943750	802.943750
	669-670	Voice	General Use	773.181250	803.181250
	671-672	Voice	General Use	773.193750	803.193750
	709-710	Voice	General Use	773.431250	803.431250
	711-712	Voice	General Use	773.443750	803.443750
	797-798	Voice	General Use	773.981250	803.981250
	799-800	Voice	General Use	773.993750	803.993750
	877-878	Voice	General Use	774.481250	804.481250
	879-880	Voice	General Use	774.493750	804.493750
	65-66	Voice	State License	769.406250	799.406250
	67-68	Voice	State License	769.418750	799.418750
	893-894	Voice	State License	774.581250	804.581250
	895-896	Voice	State License	774.593750	804.593750
Nueces	17-18	Voice	General Use	769.106250	799.106250
	19-20	Voice	General Use	769.118750	799.118750
	57-58	Voice	General Use	769.356250	799.356250
	59-60	Voice	General Use	769.368750	799.368750
	121-122	Voice	General Use	769.756250	799.756250
	123-124	Voice	General Use	769.768750	799.768750
	161-162	Voice	General Use	770.006250	800.006250
	163-164	Voice	General Use	770.018750	800.018750
	201-202	Voice	General Use	770.256250	800.256250
	203-204	Voice	General Use	770.268750	800.268750
	253-254	Voice	General Use	770.581250	800.581250
	255-256	Voice	General Use	770.593750	800.593750
	297-298	Voice	General Use	770.856250	800.856250
	299-300	Voice	General Use	770.868750	800.868750
	341-342	Voice	General Use	771.131250	801.131250
	343-344	Voice	General Use	771.143750	801.143750
	397-398	Voice	General Use	771.481250	801.481250
	399-400	Voice	General Use	771.493750	801.493750
	441-442	Voice	General Use	771.756250	801.756250
	443-444	Voice	General Use	771.768750	801.768750
	509-510	Voice	General Use	772.181250	802.181250
	511-512	Voice	General Use	772.193750	802.193750
	549-550	Voice	General Use	772.431250	802.431250
	551-552	Voice	General Use	772.443750	802.443750
	589-590	Voice	General Use	772.681250	802.681250
	591-592	Voice	General Use	772.693750	802.693750
	633-634	Voice	General Use	772.956250	802.956250
	635-636	Voice	General Use	772.968750	802.968750
	705-706	Voice	General Use	773.406250	803.406250
	707-708	Voice	General Use	773.418750	803.418750
	781-782	Voice	General Use	773.881250	803.881250
	783-784	Voice	General Use	773.893750	803.893750

	837-838	Voice General Use	774.231250	804.231250
	839-840	Voice General Use	774.243750	804.243750
	33-34	Voice State License	769.206250	799.206250
	35-36	Voice State License	769.218750	799.218750
	73-74	Voice State License	769.456250	799.456250
	75-76	Voice State License	769.468750	799.468750
	145-146	Voice State License	769.906250	799.906250
	147-148	Voice State License	769.918750	799.918750
	185-186	Voice State License	770.156250	800.156250
	187-188	Voice State License	770.168750	800.168750
	225-226	Voice State License	770.406250	800.406250
	227-228	Voice State License	770.418750	800.418750
	265-266	Voice State License	770.656250	800.656250
	267-268	Voice State License	770.668750	800.668750
	305-306	Voice State License	770.906250	800.906250
	307-308	Voice State License	770.918750	800.918750
	645-646	Voice State License	773.031250	803.031250
	647-648	Voice State License	773.043750	803.043750
	685-686	Voice State License	773.281250	803.281250
	687-688	Voice State License	773.293750	803.293750
	725-726	Voice State License	773.531250	803.531250
	727-728	Voice State License	773.543750	803.543750
	765-766	Voice State License	773.781250	803.781250
	767-768	Voice State License	773.793750	803.793750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	845-846	Voice State License	774.281250	804.281250
	847-848	Voice State License	774.293750	804.293750
	885-886	Voice State License	774.531250	804.531250
	887-888	Voice State License	774.543750	804.543750
	925-926	Voice State License	774.781250	804.781250
	927-928	Voice State License	774.793750	804.793750
Real	53-54	Voice General Use	769.331250	799.331250
	55-56	Voice General Use	769.343750	799.343750
	161-162	Voice General Use	770.006250	800.006250
	163-164	Voice General Use	770.018750	800.018750
	217-218	Voice General Use	770.356250	800.356250
	219-220	Voice General Use	770.368750	800.368750
	257-258	Voice General Use	770.606250	800.606250
	259-260	Voice General Use	770.618750	800.618750
	325-326	Voice General Use	771.031250	801.031250
	327-328	Voice General Use	771.043750	801.043750
	381-382	Voice General Use	771.381250	801.381250
	383-384	Voice General Use	771.393750	801.393750
	425-426	Voice General Use	771.656250	801.656250
	427-428	Voice General Use	771.668750	801.668750
	481-482	Voice General Use	772.006250	802.006250
	483-484	Voice General Use	772.018750	802.018750
	541-542	Voice General Use	772.381250	802.381250
	543-544	Voice General Use	772.393750	802.393750
	633-634	Voice General Use	772.956250	802.956250
	635-636	Voice General Use	772.968750	802.968750
	705-706	Voice General Use	773.406250	803.406250
	707-708	Voice General Use	773.418750	803.418750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	845-846	Voice State License	774.281250	804.281250
	847-848	Voice State License	774.293750	804.293750
Refugio	437-438	Voice General Use	771.731250	801.731250
	439-440	Voice General Use	771.743750	801.743750
	517-518	Voice General Use	772.231250	802.231250
	519-520	Voice General Use	772.243750	802.243750
	609-610	Voice General Use	772.806250	802.806250
	611-612	Voice General Use	772.818750	802.818750
	701-702	Voice General Use	773.381250	803.381250
	703-704	Voice General Use	773.393750	803.393750
	869-870	Voice General Use	774.431250	804.431250
	871-872	Voice General Use	774.443750	804.443750

	229-230	Voice State License	770.431250	800.431250
	231-232	Voice State License	770.443750	800.443750
	849-850	Voice State License	774.306250	804.306250
	851-852	Voice State License	774.318750	804.318750
San Patricio	49-50	Voice General Use	769.306250	799.306250
	51-52	Voice General Use	769.318750	799.318750
	97-98	Voice General Use	769.606250	799.606250
	99-100	Voice General Use	769.618750	799.618750
	137-138	Voice General Use	769.856250	799.856250
	139-140	Voice General Use	769.868750	799.868750
	177-178	Voice General Use	770.106250	800.106250
	179-180	Voice General Use	770.118750	800.118750
	241-242	Voice General Use	770.506250	800.506250
	243-244	Voice General Use	770.518750	800.518750
	333-334	Voice General Use	771.081250	801.081250
	335-336	Voice General Use	771.093750	801.093750
	377-378	Voice General Use	771.356250	801.356250
	379-380	Voice General Use	771.368750	801.368750
	421-422	Voice General Use	771.631250	801.631250
	423-424	Voice General Use	771.643750	801.643750
	477-478	Voice General Use	771.981250	801.981250
	479-480	Voice General Use	771.993750	801.993750
	525-526	Voice General Use	772.281250	802.281250
	527-528	Voice General Use	772.293750	802.293750
	581-582	Voice General Use	772.631250	802.631250
	583-584	Voice General Use	772.643750	802.643750
	621-622	Voice General Use	772.881250	802.881250
	623-624	Voice General Use	772.893750	802.893750
	677-678	Voice General Use	773.231250	803.231250
	679-680	Voice General Use	773.243750	803.243750
	749-750	Voice General Use	773.681250	803.681250
	751-752	Voice General Use	773.693750	803.693750
	789-790	Voice General Use	773.931250	803.931250
	791-792	Voice General Use	773.943750	803.943750
	861-862	Voice General Use	774.381250	804.381250
	863-864	Voice General Use	774.393750	804.393750
	901-902	Voice General Use	774.631250	804.631250
	903-904	Voice General Use	774.643750	804.643750
	941-942	Voice General Use	774.881250	804.881250
	943-944	Voice General Use	774.893750	804.893750
	65-66	Voice State License	769.406250	799.406250
	67-68	Voice State License	769.418750	799.418750
	113-114	Voice State License	769.706250	799.706250
	115-116	Voice State License	769.718750	799.718750
	273-274	Voice State License	770.706250	800.706250
	275-276	Voice State License	770.718750	800.718750
	653-654	Voice State License	773.081250	803.081250
	655-656	Voice State License	773.093750	803.093750
	813-814	Voice State License	774.081250	804.081250
	815-816	Voice State License	774.093750	804.093750
Starr	17-18	Voice General Use	769.106250	799.106250
	19-20	Voice General Use	769.118750	799.118750
	81-82	Voice General Use	769.506250	799.506250
	83-84	Voice General Use	769.518750	799.518750
	121-122	Voice General Use	769.756250	799.756250
	123-124	Voice General Use	769.768750	799.768750
	161-162	Voice General Use	770.006250	800.006250
	163-164	Voice General Use	770.018750	800.018750
	205-206	Voice General Use	770.281250	800.281250
	207-208	Voice General Use	770.293750	800.293750
	245-246	Voice General Use	770.531250	800.531250
	247-248	Voice General Use	770.543750	800.543750
	285-286	Voice General Use	770.781250	800.781250
	287-288	Voice General Use	770.793750	800.793750
	329-330	Voice General Use	771.056250	801.056250
	331-332	Voice General Use	771.068750	801.068750
	373-374	Voice General Use	771.331250	801.331250
	375-376	Voice General Use	771.343750	801.343750

	421-422	Voice General Use	771.631250	801.631250
	423-424	Voice General Use	771.643750	801.643750
	465-466	Voice General Use	771.906250	801.906250
	467-468	Voice General Use	771.918750	801.918750
	525-526	Voice General Use	772.281250	802.281250
	527-528	Voice General Use	772.293750	802.293750
	565-566	Voice General Use	772.531250	802.531250
	567-568	Voice General Use	772.543750	802.543750
	613-614	Voice General Use	772.831250	802.831250
	615-616	Voice General Use	772.843750	802.843750
	669-670	Voice General Use	773.181250	803.181250
	671-672	Voice General Use	773.193750	803.193750
	741-742	Voice General Use	773.631250	803.631250
	743-744	Voice General Use	773.643750	803.643750
	793-794	Voice General Use	773.956250	803.956250
	795-796	Voice General Use	773.968750	803.968750
	837-838	Voice General Use	774.231250	804.231250
	839-840	Voice General Use	774.243750	804.243750
	901-902	Voice General Use	774.631250	804.631250
	903-904	Voice General Use	774.643750	804.643750
	941-942	Voice General Use	774.881250	804.881250
	943-944	Voice General Use	774.893750	804.893750
	273-274	Voice State License	770.706250	800.706250
	275-276	Voice State License	770.718750	800.718750
	313-314	Voice State License	770.956250	800.956250
	315-316	Voice State License	770.968750	800.968750
	653-654	Voice State License	773.081250	803.081250
	655-656	Voice State License	773.093750	803.093750
	773-774	Voice State License	773.831250	803.831250
	775-776	Voice State License	773.843750	803.843750
	813-814	Voice State License	774.081250	804.081250
	815-816	Voice State License	774.093750	804.093750
	893-894	Voice State License	774.581250	804.581250
	895-896	Voice State License	774.593750	804.593750
Uvalde	41-42	Voice General Use	769.256250	799.256250
	43-44	Voice General Use	769.268750	799.268750
	85-86	Voice General Use	769.531250	799.531250
	87-88	Voice General Use	769.543750	799.543750
	129-130	Voice General Use	769.806250	799.806250
	131-132	Voice General Use	769.818750	799.818750
	201-202	Voice General Use	770.256250	800.256250
	203-204	Voice General Use	770.268750	800.268750
	241-242	Voice General Use	770.506250	800.506250
	243-244	Voice General Use	770.518750	800.518750
	357-358	Voice General Use	771.231250	801.231250
	359-360	Voice General Use	771.243750	801.243750
	401-402	Voice General Use	771.506250	801.506250
	403-404	Voice General Use	771.518750	801.518750
	457-458	Voice General Use	771.856250	801.856250
	459-460	Voice General Use	771.868750	801.868750
	525-526	Voice General Use	772.281250	802.281250
	527-528	Voice General Use	772.293750	802.293750
	573-574	Voice General Use	772.581250	802.581250
	575-576	Voice General Use	772.593750	802.593750
	613-614	Voice General Use	772.831250	802.831250
	615-616	Voice General Use	772.843750	802.843750
	749-750	Voice General Use	773.681250	803.681250
	751-752	Voice General Use	773.693750	803.693750
	821-822	Voice General Use	774.131250	804.131250
	823-824	Voice General Use	774.143750	804.143750
	869-870	Voice General Use	774.431250	804.431250
	871-872	Voice General Use	774.443750	804.443750
	909-910	Voice General Use	774.681250	804.681250
	911-912	Voice General Use	774.693750	804.693750
	33-34	Voice State License	769.206250	799.206250
	35-36	Voice State License	769.218750	799.218750
	225-226	Voice State License	770.406250	800.406250
	227-228	Voice State License	770.418750	800.418750
	265-266	Voice State License	770.656250	800.656250

	267-268	Voice State License	770.668750	800.668750
	305-306	Voice State License	770.906250	800.906250
	307-308	Voice State License	770.918750	800.918750
	769-770	Voice State License	773.806250	803.806250
	771-772	Voice State License	773.818750	803.818750
	929-930	Voice State License	774.806250	804.806250
	931-932	Voice State License	774.818750	804.818750
Val Verde	45-46	Voice General Use	769.281250	799.281250
	47-48	Voice General Use	769.293750	799.293750
	93-94	Voice General Use	769.581250	799.581250
	95-96	Voice General Use	769.593750	799.593750
	161-162	Voice General Use	770.006250	800.006250
	163-164	Voice General Use	770.018750	800.018750
	217-218	Voice General Use	770.356250	800.356250
	219-220	Voice General Use	770.368750	800.368750
	257-258	Voice General Use	770.606250	800.606250
	259-260	Voice General Use	770.618750	800.618750
	321-322	Voice General Use	771.006250	801.006250
	323-324	Voice General Use	771.018750	801.018750
	361-362	Voice General Use	771.256250	801.256250
	363-364	Voice General Use	771.268750	801.268750
	409-410	Voice General Use	771.556250	801.556250
	411-412	Voice General Use	771.568750	801.568750
	453-454	Voice General Use	771.831250	801.831250
	455-456	Voice General Use	771.843750	801.843750
	493-494	Voice General Use	772.081250	802.081250
	495-496	Voice General Use	772.093750	802.093750
	569-570	Voice General Use	772.556250	802.556250
	571-572	Voice General Use	772.568750	802.568750
	617-618	Voice General Use	772.856250	802.856250
	619-620	Voice General Use	772.868750	802.868750
	677-678	Voice General Use	773.231250	803.231250
	679-680	Voice General Use	773.243750	803.243750
	717-718	Voice General Use	773.481250	803.481250
	719-720	Voice General Use	773.493750	803.493750
	757-758	Voice General Use	773.731250	803.731250
	759-760	Voice General Use	773.743750	803.743750
	829-830	Voice General Use	774.181250	804.181250
	831-832	Voice General Use	774.193750	804.193750
	901-902	Voice General Use	774.631250	804.631250
	903-904	Voice General Use	774.643750	804.643750
	945-946	Voice General Use	774.906250	804.906250
	947-948	Voice General Use	774.918750	804.918750
	25-26	Voice State License	769.156250	799.156250
	27-28	Voice State License	769.168750	799.168750
	113-114	Voice State License	769.706250	799.706250
	115-116	Voice State License	769.718750	799.718750
	153-154	Voice State License	769.956250	799.956250
	155-156	Voice State License	769.968750	799.968750
	269-270	Voice State License	770.681250	800.681250
	271-272	Voice State License	770.693750	800.693750
	313-314	Voice State License	770.956250	800.956250
	315-316	Voice State License	770.968750	800.968750
	645-646	Voice State License	773.031250	803.031250
	647-648	Voice State License	773.043750	803.043750
	685-686	Voice State License	773.281250	803.281250
	687-688	Voice State License	773.293750	803.293750
	725-726	Voice State License	773.531250	803.531250
	727-728	Voice State License	773.543750	803.543750
	765-766	Voice State License	773.781250	803.781250
	767-768	Voice State License	773.793750	803.793750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	845-846	Voice State License	774.281250	804.281250
	847-848	Voice State License	774.293750	804.293750
	885-886	Voice State License	774.531250	804.531250
	887-888	Voice State License	774.543750	804.543750
	925-926	Voice State License	774.781250	804.781250
	927-928	Voice State License	774.793750	804.793750

Victoria	41-42	Voice General Use	769.256250	799.256250
	43-44	Voice General Use	769.268750	799.268750
	81-82	Voice General Use	769.506250	799.506250
	83-84	Voice General Use	769.518750	799.518750
	121-122	Voice General Use	769.756250	799.756250
	123-124	Voice General Use	769.768750	799.768750
	161-162	Voice General Use	770.006250	800.006250
	163-164	Voice General Use	770.018750	800.018750
	201-202	Voice General Use	770.256250	800.256250
	203-204	Voice General Use	770.268750	800.268750
	245-246	Voice General Use	770.531250	800.531250
	247-248	Voice General Use	770.543750	800.543750
	321-322	Voice General Use	771.006250	801.006250
	323-324	Voice General Use	771.018750	801.018750
	361-362	Voice General Use	771.256250	801.256250
	363-364	Voice General Use	771.268750	801.268750
	401-402	Voice General Use	771.506250	801.506250
	403-404	Voice General Use	771.518750	801.518750
	445-446	Voice General Use	771.781250	801.781250
	447-448	Voice General Use	771.793750	801.793750
	497-498	Voice General Use	772.106250	802.106250
	499-500	Voice General Use	772.118750	802.118750
	549-550	Voice General Use	772.431250	802.431250
	551-552	Voice General Use	772.443750	802.443750
	625-626	Voice General Use	772.906250	802.906250
	627-628	Voice General Use	772.918750	802.918750
	673-674	Voice General Use	773.206250	803.206250
	675-676	Voice General Use	773.218750	803.218750
	713-714	Voice General Use	773.456250	803.456250
	715-716	Voice General Use	773.468750	803.468750
	753-754	Voice General Use	773.706250	803.706250
	755-756	Voice General Use	773.718750	803.718750
	793-794	Voice General Use	773.956250	803.956250
	795-796	Voice General Use	773.968750	803.968750
	833-834	Voice General Use	774.206250	804.206250
	835-836	Voice General Use	774.218750	804.218750
	905-906	Voice General Use	774.656250	804.656250
	907-908	Voice General Use	774.668750	804.668750
	945-946	Voice General Use	774.906250	804.906250
	947-948	Voice General Use	774.918750	804.918750
	105-106	Voice State License	769.656250	799.656250
	107-108	Voice State License	769.668750	799.668750
	153-154	Voice State License	769.956250	799.956250
	155-156	Voice State License	769.968750	799.968750
	269-270	Voice State License	770.681250	800.681250
	271-272	Voice State License	770.693750	800.693750
	645-646	Voice State License	773.031250	803.031250
	647-648	Voice State License	773.043750	803.043750
	725-726	Voice State License	773.531250	803.531250
	727-728	Voice State License	773.543750	803.543750
	765-766	Voice State License	773.781250	803.781250
	767-768	Voice State License	773.793750	803.793750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	925-926	Voice State License	774.781250	804.781250
	927-928	Voice State License	774.793750	804.793750
Webb	45-46	Voice General Use	769.281250	799.281250
	47-48	Voice General Use	769.293750	799.293750
	85-86	Voice General Use	769.531250	799.531250
	87-88	Voice General Use	769.543750	799.543750
	129-130	Voice General Use	769.806250	799.806250
	131-132	Voice General Use	769.818750	799.818750
	169-170	Voice General Use	770.056250	800.056250
	171-172	Voice General Use	770.068750	800.068750
	209-210	Voice General Use	770.306250	800.306250
	211-212	Voice General Use	770.318750	800.318750
	249-250	Voice General Use	770.556250	800.556250
	251-252	Voice General Use	770.568750	800.568750
	297-298	Voice General Use	770.856250	800.856250
	299-300	Voice General Use	770.868750	800.868750

	345-346	Voice General Use	771.156250	801.156250
	347-348	Voice General Use	771.168750	801.168750
	417-418	Voice General Use	771.606250	801.606250
	419-420	Voice General Use	771.618750	801.618750
	469-470	Voice General Use	771.931250	801.931250
	471-472	Voice General Use	771.943750	801.943750
	553-554	Voice General Use	772.456250	802.456250
	555-556	Voice General Use	772.468750	802.468750
	621-622	Voice General Use	772.881250	802.881250
	623-624	Voice General Use	772.893750	802.893750
	661-662	Voice General Use	773.131250	803.131250
	663-664	Voice General Use	773.143750	803.143750
	709-710	Voice General Use	773.431250	803.431250
	711-712	Voice General Use	773.443750	803.443750
	749-750	Voice General Use	773.681250	803.681250
	751-752	Voice General Use	773.693750	803.693750
	797-798	Voice General Use	773.981250	803.981250
	799-800	Voice General Use	773.993750	803.993750
	865-866	Voice General Use	774.406250	804.406250
	867-868	Voice General Use	774.418750	804.418750
	905-906	Voice General Use	774.656250	804.656250
	907-908	Voice General Use	774.668750	804.668750
	945-946	Voice General Use	774.906250	804.906250
	947-948	Voice General Use	774.918750	804.918750
	33-34	Voice State License	769.206250	799.206250
	35-36	Voice State License	769.218750	799.218750
	113-114	Voice State License	769.706250	799.706250
	115-116	Voice State License	769.718750	799.718750
	189-190	Voice State License	770.181250	800.181250
	191-192	Voice State License	770.193750	800.193750
	229-230	Voice State License	770.431250	800.431250
	231-232	Voice State License	770.443750	800.443750
	269-270	Voice State License	770.681250	800.681250
	271-272	Voice State License	770.693750	800.693750
	309-310	Voice State License	770.931250	800.931250
	311-312	Voice State License	770.943750	800.943750
	645-646	Voice State License	773.031250	803.031250
	647-648	Voice State License	773.043750	803.043750
	685-686	Voice State License	773.281250	803.281250
	687-688	Voice State License	773.293750	803.293750
	725-726	Voice State License	773.531250	803.531250
	727-728	Voice State License	773.543750	803.543750
	765-766	Voice State License	773.781250	803.781250
	767-768	Voice State License	773.793750	803.793750
	805-806	Voice State License	774.031250	804.031250
	807-808	Voice State License	774.043750	804.043750
	845-846	Voice State License	774.281250	804.281250
	847-848	Voice State License	774.293750	804.293750
	885-886	Voice State License	774.531250	804.531250
	887-888	Voice State License	774.543750	804.543750
	925-926	Voice State License	774.781250	804.781250
	927-928	Voice State License	774.793750	804.793750
Willacy	53-54	Voice General Use	769.331250	799.331250
	55-56	Voice General Use	769.343750	799.343750
	125-126	Voice General Use	769.781250	799.781250
	127-128	Voice General Use	769.793750	799.793750
	169-170	Voice General Use	770.056250	800.056250
	171-172	Voice General Use	770.068750	800.068750
	209-210	Voice General Use	770.306250	800.306250
	211-212	Voice General Use	770.318750	800.318750
	249-250	Voice General Use	770.556250	800.556250
	251-252	Voice General Use	770.568750	800.568750
	325-326	Voice General Use	771.031250	801.031250
	327-328	Voice General Use	771.043750	801.043750
	369-370	Voice General Use	771.306250	801.306250
	371-372	Voice General Use	771.318750	801.318750
	417-418	Voice General Use	771.606250	801.606250
	419-420	Voice General Use	771.618750	801.618750
	457-458	Voice General Use	771.856250	801.856250
	459-460	Voice General Use	771.868750	801.868750

	497-498	Voice General Use	772.106250	802.106250
	499-500	Voice General Use	772.118750	802.118750
	589-590	Voice General Use	772.681250	802.681250
	591-592	Voice General Use	772.693750	802.693750
	633-634	Voice General Use	772.956250	802.956250
	635-636	Voice General Use	772.968750	802.968750
	705-706	Voice General Use	773.406250	803.406250
	707-708	Voice General Use	773.418750	803.418750
	749-750	Voice General Use	773.681250	803.681250
	751-752	Voice General Use	773.693750	803.693750
	789-790	Voice General Use	773.931250	803.931250
	791-792	Voice General Use	773.943750	803.943750
	873-874	Voice General Use	774.456250	804.456250
	875-876	Voice General Use	774.468750	804.468750
	917-918	Voice General Use	774.731250	804.731250
	919-920	Voice General Use	774.743750	804.743750
	25-26	Voice State License	769.156250	799.156250
	27-28	Voice State License	769.168750	799.168750
	153-154	Voice State License	769.956250	799.956250
	155-156	Voice State License	769.968750	799.968750
Wilson	137-138	Voice General Use	769.856250	799.856250
	139-140	Voice General Use	769.868750	799.868750
	177-178	Voice General Use	770.106250	800.106250
	179-180	Voice General Use	770.118750	800.118750
	217-218	Voice General Use	770.356250	800.356250
	219-220	Voice General Use	770.368750	800.368750
	357-358	Voice General Use	771.231250	801.231250
	359-360	Voice General Use	771.243750	801.243750
	409-410	Voice General Use	771.556250	801.556250
	411-412	Voice General Use	771.568750	801.568750
	453-454	Voice General Use	771.831250	801.831250
	455-456	Voice General Use	771.843750	801.843750
	529-530	Voice General Use	772.306250	802.306250
	531-532	Voice General Use	772.318750	802.318750
	569-570	Voice General Use	772.556250	802.556250
	571-572	Voice General Use	772.568750	802.568750
	633-634	Voice General Use	772.956250	802.956250
	635-636	Voice General Use	772.968750	802.968750
	749-750	Voice General Use	773.681250	803.681250
	751-752	Voice General Use	773.693750	803.693750
	837-838	Voice General Use	774.231250	804.231250
	839-840	Voice General Use	774.243750	804.243750
	265-266	Voice State License	770.656250	800.656250
	267-268	Voice State License	770.668750	800.668750
	305-306	Voice State License	770.906250	800.906250
	307-308	Voice State License	770.918750	800.918750
Zapata	57-58	Voice General Use	769.356250	799.356250
	59-60	Voice General Use	769.368750	799.368750
	97-98	Voice General Use	769.606250	799.606250
	99-100	Voice General Use	769.618750	799.618750
	137-138	Voice General Use	769.856250	799.856250
	139-140	Voice General Use	769.868750	799.868750
	353-354	Voice General Use	771.206250	801.206250
	355-356	Voice General Use	771.218750	801.218750
	397-398	Voice General Use	771.481250	801.481250
	399-400	Voice General Use	771.493750	801.493750
	457-458	Voice General Use	771.856250	801.856250
	459-460	Voice General Use	771.868750	801.868750
	501-502	Voice General Use	772.131250	802.131250
	503-504	Voice General Use	772.143750	802.143750
	541-542	Voice General Use	772.381250	802.381250
	543-544	Voice General Use	772.393750	802.393750
	589-590	Voice General Use	772.681250	802.681250
	591-592	Voice General Use	772.693750	802.693750
	633-634	Voice General Use	772.956250	802.956250
	635-636	Voice General Use	772.968750	802.968750
	717-718	Voice General Use	773.481250	803.481250
	719-720	Voice General Use	773.493750	803.493750

	757-758	Voice General Use	773.731250	803.731250
	759-760	Voice General Use	773.743750	803.743750
	821-822	Voice General Use	774.131250	804.131250
	823-824	Voice General Use	774.143750	804.143750
	873-874	Voice General Use	774.456250	804.456250
	875-876	Voice General Use	774.468750	804.468750
	913-914	Voice General Use	774.706250	804.706250
	915-916	Voice General Use	774.718750	804.718750
	25-26	Voice State License	769.156250	799.156250
	27-28	Voice State License	769.168750	799.168750
	65-66	Voice State License	769.406250	799.406250
	67-68	Voice State License	769.418750	799.418750
	153-154	Voice State License	769.956250	799.956250
	155-156	Voice State License	769.968750	799.968750
	933-934	Voice State License	774.831250	804.831250
	935-936	Voice State License	774.843750	804.843750
Zavala	49-50	Voice General Use	769.306250	799.306250
	51-52	Voice General Use	769.318750	799.318750
	289-290	Voice General Use	770.806250	800.806250
	291-292	Voice General Use	770.818750	800.818750
	329-330	Voice General Use	771.056250	801.056250
	331-332	Voice General Use	771.068750	801.068750
	373-374	Voice General Use	771.331250	801.331250
	375-376	Voice General Use	771.343750	801.343750
	429-430	Voice General Use	771.681250	801.681250
	431-432	Voice General Use	771.693750	801.693750
	477-478	Voice General Use	771.981250	801.981250
	479-480	Voice General Use	771.993750	801.993750
	517-518	Voice General Use	772.231250	802.231250
	519-520	Voice General Use	772.243750	802.243750
	565-566	Voice General Use	772.531250	802.531250
	567-568	Voice General Use	772.543750	802.543750
	605-606	Voice General Use	772.781250	802.781250
	607-608	Voice General Use	772.793750	802.793750
	717-718	Voice General Use	773.481250	803.481250
	719-720	Voice General Use	773.493750	803.493750
	757-758	Voice General Use	773.731250	803.731250
	759-760	Voice General Use	773.743750	803.743750
	25-26	Voice State License	769.156250	799.156250
	27-28	Voice State License	769.168750	799.168750
	193-194	Voice State License	770.206250	800.206250
	195-196	Voice State License	770.218750	800.218750
	233-234	Voice State License	770.456250	800.456250
	235-236	Voice State License	770.468750	800.468750
	273-274	Voice State License	770.706250	800.706250
	275-276	Voice State License	770.718750	800.718750
	313-314	Voice State License	770.956250	800.956250
	315-316	Voice State License	770.968750	800.968750

Region 53 700MHz Plan

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

Note: The following form will require original signatures from the designated regions, assuring agreement confirmation of these procedures.

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the 700 MHz Regional Planning Committees of Regions 53, 49, 50, and 51; whereas AGREEMENT HERETO and confirmed on the _____ day of _____, in the year of _____.

II. INTER-REGIONAL COORDINATION AGREEMENT

1. The following is the specific procedure for Inter-Regional Coordination which has been agreed upon by Regions 53, 49, 50, and 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.
- f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

III. DISPUTE RESOLUTION

¹ If an applicant's proposed service area extends into an adjacent Public Safety Region (s), the affected Region(s) must approve the application. Service area shall normally be defined as the area included within the geographical boundary of the applicant, plus three (3) miles. Other definitions of service area shall be justified with an accompanying *Memorandum of Understanding (MOU)* or other application documentation between agencies, i.e. mutual aid agreements.

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

- a. Unconditional concurrence;
- b. Conditional concurrence contingent upon modification of Applicant's technical parameters; or
- c. 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 appropriate subcommittee of the National Regional Planning Council (NRPC), or any subsequent oversight organization. Each Region involved in the dispute shall include a detailed explanation of its position, including engineering studies and any other technical information deemed relevant. The NRPC will, within thirty (30) calendar days, report its recommendation(s) to the Regional chairpersons via the CAPRAD database. The NRPC's decision may support either of the disputing Regions or it may develop a proposal that it deems mutually advantageous to each disputing Region.

3. 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.

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

5. 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

1. IN AGREEMENT HERETO, Regions 53, 49, 50, and 51, do hereunto set their signatures the day and year written.

Respectfully,
[All signatories to agreement]

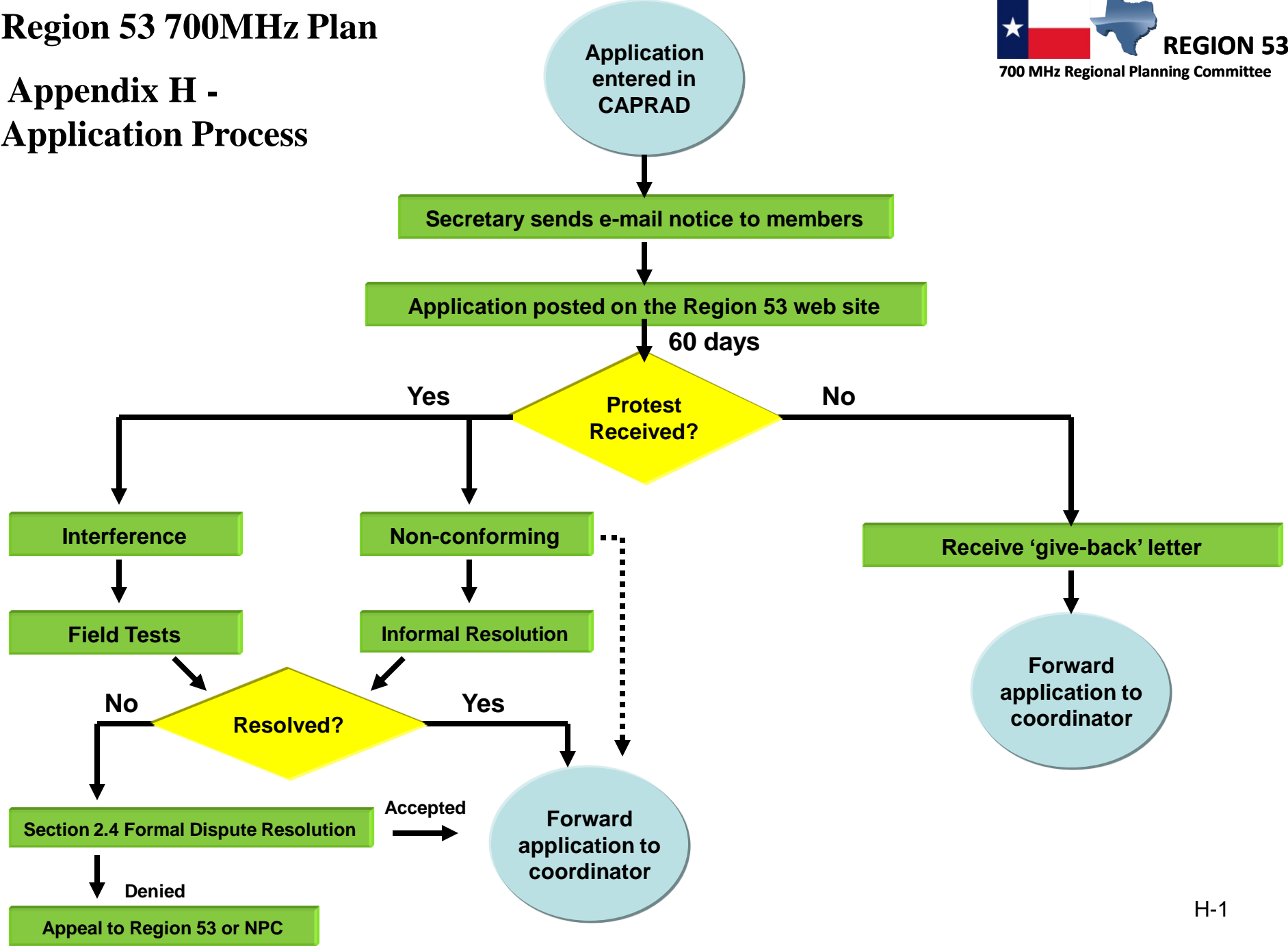
Region 53 _____ Date: _____

Region 49 _____ Date: _____

Region 50 _____ Date: _____

Region 51 _____ Date: _____

Appendix H -
Application Process



Region 53 700MHz Plan

Appendix J.1: 700MHz Protocol with Mexico

The attached Appendix J (2 of 2) is a copy of the official

PROTOCOL
BETWEEN THE DEPARTMENT OF STATE
OF THE UNITED STATES OF AMERICA
AND THE SECRETARIAT OF COMMUNICATIONS AND
TRANSPORTATION
OF THE UNITED MEXICAN STATES
CONCERNING THE ALLOTMENT AND USE OF THE 698-806 MHz BAND
FOR TERRESTRIAL NON-BROADCASTING RADIOCOMMUNICATION
SERVICES
ALONG THE COMMON BORDER

This document is in final review.

NOTE: Subject to final minor editorial review

PROTOCOL
BETWEEN THE DEPARTMENT OF STATE
OF THE UNITED STATES OF AMERICA
AND THE SECRETARIAT OF COMMUNICATIONS AND
TRANSPORTATION
OF THE UNITED MEXICAN STATES
CONCERNING THE ALLOTMENT AND USE OF THE 698-806 MHz BAND
FOR TERRESTRIAL NON-BROADCASTING RADIOCOMMUNICATION
SERVICES
ALONG THE COMMON BORDER

This Protocol is being concluded pursuant to the Agreement between the Government of the United States of America and the Government of the United Mexican States Concerning the Allocation and Use of Frequency Bands by Terrestrial Non-Broadcasting Radiocommunication Services along the Common Border, signed at Williamsburg, Virginia, June 16, 1994 (herein referred to as the “Agreement”).

ARTICLE I. Purposes

The purposes of this Protocol are:

1. To establish and adopt a plan for the equitable allotment and use of frequency sub-bands in the 698-806 MHz band within the Sharing Zone defined in this Protocol;
2. To establish technical criteria that will permit each Administration to regulate the use of the frequency sub-bands referred to in paragraph 1 of this Article;
3. To establish conditions of use so that each Administration may use the frequency sub-bands allotted to the other country, provided this causes no harmful interference to stations operating within the other country; and
4. To continue interference protection for broadcasting services in both countries in a manner consistent with the terms set forth in the “Agreement Relating to Assignments and Usage of Television Broadcasting Channels in the Frequency Range 470-806 MHz (Channels 14-69) along the United States-Mexico border,” signed by the United States and Mexico at Mexico City June 18, 1982, as amended (hereinafter the “1982 Agreement”), and the “Memorandum of Understanding between the Federal Communications Commission of the United States of America and the Secretaria de Comunicaciones y Transportes of the United Mexican States related to the use of the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz bands for digital television broadcasting service along the common border,” signed at Mexico City July 22, 1998 (hereinafter the “1998 Memorandum”) until these instruments are replaced by new instruments, or are modified or terminated.

ARTICLE II. Definitions

1. For the purpose of this Protocol and as provided for in Article IV of the Agreement, the term "Administration" or "Administrations" shall refer with equal effect to the Federal Communications Commission of the United States of America (hereinafter "FCC") and the Secretaría de Comunicaciones y Transportes of the United Mexican States (hereinafter "SCT").

2. For the purpose of this Protocol, the term "Sharing Zone" is defined to include the border areas within the United States and Mexico and their respective territorial waters as set forth in Appendix I.

3. For the purpose of this Protocol, the term "television station" is defined to include an assignment or allotment in the television broadcasting service, analog or digital.

4. For the purpose of this Protocol, the term "counterpart operators" is defined to include operators of communications networks operating in certain frequency sub-bands in the 698-806 MHz band with geographic coverage areas situated contiguous to each other and authorized by the Administrations to use the same sub-bands or portions of the same sub-bands.

ARTICLE III. Conditions of Use for Radiocommunication Services

1. For the frequency sub-bands 764-776 MHz and 794-806 MHz (TV Channels 63-64 and 68-69):

a. In the Sharing Zone, the frequencies in these sub-bands shall be allotted for the primary use of each Administration in accordance with Appendix II. Each Administration shall ensure that stations in its national territory are assigned and operated in such a way that the transmission bandwidth on radio

channels shall not exceed the primary frequency allotments for that country in Appendix II.

b. Each Administration shall ensure that radiocommunication stations in these sub-bands that are assigned to primary frequency allotments within the Sharing Zone shall be operated in accordance with the effective radiated power (ERP) and antenna height limitations specified in the following table (Table I):

Table I

Average of the Antenna Height Above Average Terrain on Standard Radials in the Direction of the Common Border ¹	Maximum ERP in Any Direction Toward the Common Border
Meters	Watts (Maximum)
Up to 503	500
Above 503 to 609	350
Above 609 to 762	200
Above 762 to 914	140
Above 914 to 1066	100
Above 1066 to 1219	75
Above 1219 to 1371	70
Above 1371 to 1523	65
Above 1523	5

¹ Standard radials are 000°, 045°, 090°, 135°, 180°, 225°, 270° and 315°, relative to True North.

c. Frequencies in these sub-bands that are allotted for the primary use of one Administration may be assigned by the other Administration to stations located within the latter Administration’s territorial segment of the Sharing Zone under the following conditions:

(i) The maximum power flux density (PFD) at any point at or beyond the common border shall not exceed -120 dBW/m² per 1 kHz;

(ii) Counterpart operators of communications networks in these frequency sub-bands (764-776 MHz and 794-806 MHz) may exceed the maximum PFD in subparagraph 1.c.i above if all potentially affected counterpart operators in the other country agree to a different PFD and approval is obtained from the appropriate Administration;

(iii) Each Administration shall take appropriate measures to eliminate any harmful interference caused by stations operating within its own territory to stations operating on frequency sub-bands allotted on a primary basis to the other country pursuant to this Protocol; and

(iv) Stations operating under this provision (subparagraph 1.c of Article III) shall be considered as secondary and shall not be granted protection against harmful interference from stations whose Administration has primary use of the frequency allotment as long as the stations on the primary frequency allotment operate in accordance with the technical limitations in subparagraphs 1.a and 1.b of this Article.

d. Beyond the Sharing Zone, the Administrations' use of the 764-776 MHz and 794-806 MHz frequency sub-bands shall in no way be restricted under this Protocol.

2. For the frequency sub-bands 698-764 MHz and 776-794 MHz (TV Channels 52-62 and 65-67):

a. All frequencies in these sub-bands are available to both Administrations on an equal basis for the provision of radiocommunication services within their respective national territories within the Sharing Zone in accordance with the following conditions:

(i) The maximum power flux density (PFD) at any point at or beyond the common border of all emissions shall not exceed -106 dBW/m^2 within the authorized bandwidth;

(ii) Both Administrations shall take appropriate measures to eliminate harmful interference to stations operating in the frequency sub-bands allotted under this paragraph (Article III, paragraph 2);

(iii) Measurements of transmitter power output shall be made in accordance with Appendix III;

(iv) The Administrations shall authorize counterpart operators in these frequency sub-bands (698-764 MHz and 776-794 MHz) to take the following actions:

1. Coordinate appropriate technical and operational network parameters when necessary to provide for cross-border roaming or other collaborative operations;

2. Exceed the PFD provided in subparagraph 2.a.i of this Article based upon a mutual understanding among the counterpart operators and based upon prior notification of the terms of the mutual understanding to the two Administrations;

3. Continue operations with a PFD greater than - 106 dBW/m² within the authorized bandwidth either until the operator notifies its counterpart operator(s) that the mutual understanding referred to in the prior subparagraph (subparagraph 2.a.iv.2 of this Article) is cancelled or until the operator is notified by the appropriate Administration to return to the PFD required in subparagraph 2.a.i; and

(v) The maximum out-of-band emission in the sub-bands 764-776 MHz and 794-806 MHz shall not exceed -120 dBW/m² per 1 kHz at any point at or beyond the common border.

b. Beyond the Sharing Zone, the Administrations' use of the 698-764 MHz and 776-794 MHz frequency sub-bands shall in no way be restricted under this Protocol.

ARTICLE IV. Transition and Protection of the Television Broadcasting Service

1. The protection to which this Article refers is intended to be provided consistent with the terms set forth in the 1982 Agreement, as amended, as well as the 1998 Memorandum until these instruments are replaced by new instruments, or are modified or terminated.

2. Assignments in the radiocommunication services in the band 698-806 MHz shall protect analog and digital television stations in accordance with the following desired-to-undesired (D/U) signal ratios:

a. For analog television stations. The minimum D/U ratio is 40 decibels (dB) for the co-channel case and 0 dB for the adjacent channel case. The minimum D/U ratio must be satisfied within the 64 dB μ V/m coverage contour of the analog television station; if this contour extends beyond the common border, the minimum D/U ratio will be calculated at the common border. The interference criteria to be used for this provision (subparagraph 2.a of Article IV), is based on 50% of all locations no more than 10% of the time; and

b. For digital television stations. The minimum D/U ratio is 17 dB for the co-channel case and -23 dB for the adjacent channel case. The minimum D/U ratio must be satisfied within the 41 dB μ V/m contour of the digital television station; if this contour extends beyond the common border, the minimum D/U ratio will be calculated at the common border. The interference criteria to be used for this provision (subparagraph 2.b of Article IV), is based on 50% of all locations no more than 10% of the time.

3. In order to promote spectrum efficiency under the terms of this Protocol, both Administrations will make their best efforts to support transitioning digital television stations to the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-698 MHz bands (TV Channels 2-51).

ARTICLE V. Appendices

Appendices I, II, and III are integral parts of this Protocol.

ARTICLE VI. Entry into Force and Termination

This Protocol shall enter into force on the last date of signature affixed below. It shall remain in force until it is replaced by a new or amended protocol, or until it is terminated in accordance with Article VII of the Agreement.

IN WITNESS WHEREOF, the respective representatives sign the present Protocol.

Signed at Mexico City on this first day of November, 2006, and at Antalya, Turkey, on this eighth day of November, 2006, in duplicate in the English and Spanish languages, both texts being equally authentic.

FOR THE DEPARTMENT OF
STATE OF THE UNITED STATES
OF AMERICA

FOR THE SECRETARIAT OF
COMMUNICATIONS AND
TRANSPORTATION OF THE
UNITED MEXICAN STATES

/s/ David A Gross

/s/ Jorge Alvarez Hoth

Ambassador David A. Gross
U.S. Coordinator for International
Communications and Information Policy

Mr. Jorge Alvarez Hoth
Under Secretary of Communications

/s/ Hector G. Osuna Jaime

Mr. Hector G. Osuna Jaime
Chairman, Federal Telecommunications
Commission

APPENDIX I

Areas Within Which the Frequencies Are to Be Protected

U.S.-MEXICO SHARING ZONE

The Sharing Zone is defined as the areas covered by a distance of 110 kilometers (68.35 Miles) from the U.S.-Mexico common border into the national territory of each country and includes areas of the Pacific Ocean and the Gulf of Mexico.

These areas are enclosed by the boundaries shown on the map below and are further defined in Table II.



Table II

The following geographic coordinates (corresponding to NAD83) define the U.S.-Mexico Sharing Zone in the national territory of each country. Point 1 is located in the Pacific Ocean due west from the U.S.-Mexico common border and defines the starting point of the Sharing Zone. The boundary of the Sharing Zone is then defined by plotting each geographic point in advancing numerical order in a clockwise direction.

ID	longitude decimal degrees	latitude decimal degrees	longitude deg/min/sec	latitude deg/min/sec
1	-122.1324	31.5235	122/07/56 W	31/31/24 N
2	-119.2616	32.0537	119/15/41 W	32/03/13 N
3	-118.5985	33.3415	118/35/54 W	33/20/29 N
4	-118.1657	33.5837	118/09/56 W	33/35/01 N
5	-117.7038	33.6483	117/42/13 W	33/38/53 N
6	-117.0916	33.5693	117/05/29 W	33/34/09 N
7	-114.4342	33.7229	114/26/03 W	33/43/22 N
8	-113.5516	33.1732	113/33/05 W	33/10/23 N
9	-110.9020	32.3491	110/54/07 W	32/20/56 N
10	-109.0659	32.3519	109/03/57 W	32/21/06 N
11	-108.6352	32.7974	108/38/06 W	32/47/50 N
12	-106.1107	32.8123	106/06/38 W	32/48/44 N
13	-103.8529	31.0554	103/51/10 W	31/03/19 N
14	-103.5560	30.2756	103/33/21 W	30/16/32 N
15	-103.1130	30.7142	103/06/46 W	30/42/51 N
16	-102.1958	30.9402	102/11/45 W	30/56/24 N
17	-100.4516	30.6660	100/27/05 W	30/39/57 N
18	-97.9163	27.0978	97/54/58 W	27/05/52 N
19	-97.1379	26.9756	97/08/16 W	26/58/32 N
20	-96.5071	27.0384	96/30/25 W	27/02/18 N
21	-93.4156	27.0181	93/24/56 W	27/01/05 N
22	-91.0891	26.7119	91/05/20 W	26/42/42 N
23	-90.5847	26.7851	90/35/04 W	26/47/06 N
24	-88.1724	26.6918	88/10/20 W	26/41/30 N
25	-88.2459	24.6980	88/14/45 W	24/41/52 N
26	-90.4566	24.7738	90/27/23 W	24/46/25 N
27	-90.9949	24.6998	90/59/41 W	24/41/59 N
28	-93.4595	24.9541	93/27/34 W	24/57/14 N
29	-96.6737	24.9901	96/40/25 W	24/59/24 N
30	-97.3714	24.7983	97/22/17 W	24/47/53 N
31	-98.0746	24.9511	98/04/28 W	24/57/03 N
32	-99.7404	25.5613	99/44/25 W	25/33/40 N
33	-101.9323	28.7236	101/55/56 W	28/43/24 N
34	-102.6689	28.0418	102/40/08 W	28/02/30 N
35	-103.3540	27.8941	103/21/14 W	27/53/38 N
36	-105.1973	28.7692	105/11/50 W	28/46/09 N
37	-105.8133	29.9143	105/48/47 W	29/54/51 N
38	-106.9438	30.7571	106/56/37 W	30/45/25 N
39	-107.3627	30.7571	107/21/45 W	30/45/25 N
40	-107.7697	30.3269	107/46/11 W	30/19/36 N
41	-111.2398	30.3160	111/14/23 W	30/18/57 N
42	-115.4915	31.6420	115/29/29 W	31/38/31 N
43	-117.2764	31.4945	117/16/34 W	31/29/40 N
44	-117.8588	30.4207	117/51/31 W	30/25/14 N
45	-118.2297	30.1897	118/13/47 W	30/11/22 N
46	-121.8613	29.5104	121/51/40 W	29/30/37 N

APPENDIX II

Allotment of Frequency Sub-bands
in the 764-776 MHz and 794-806 MHz bands
(TV Channels 63-64 and 68-69)

<u>U.S. Primary</u>	<u>Mexico Primary</u>
764.0 – 765.5 MHz	765.5 – 768.5 MHz
768.5 – 771.5 MHz	771.5 – 774.5 MHz
774.5 – 776.0 MHz	
794.0 – 795.5 MHz	795.5 – 798.5 MHz
798.5 – 801.5 MHz	801.5 – 804.5 MHz
804.5 – 806.0 MHz	

APPENDIX III

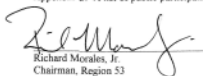
Measurement of Transmitter Power Output

Maximum (peak) composite transmitter power output shall be measured over any interval of continuous transmission using instrumentation calibrated in terms of root mean square (RMS) equivalent voltage. The measurement results shall be adjusted appropriately for any instrument limitations such as variations in detector times, limited resolution bandwidth capability when compared to the emission bandwidth, or other related characteristics, in order to obtain a true maximum composite measurement for the emission in question over the full bandwidth of the channel.

Region 53 700MHz Plan

Appendix K – Certification of Open Meetings

I hereby certify that all planning committee meetings were open to the public. A description of the Region 53 deliberations of committee meetings pursuant to adopting this plan can be found in the proposed plan Section 2.3 and below. The meeting agendas and minutes can be found in Appendix C. A list of public participants can be found in Appendix B, and Appendix C.



Richard Morales, Jr.
Chairman, Region 53

Region 53 Plan

Section 2.3: Operations of the Regional Planning Committee

This committee uses Robert's Rules of Order to conduct meetings. All decisions are made by clear consensus vote with each public safety agency in attendance having one (1) vote. Additional voting member considerations are listed in the Region 53 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. Appendix K is a Certification of Open Meetings. Any changes to the regional plan must be voted on and approved by a majority of members attending a full Regional Planning Committee meeting, in accordance with the procedures contained in Section 2.6 of this plan.

Officers of the committee are the chairman, vice-chairman and secretary. They are elected for a term of five years, or until their successors, if any, are chosen, or in each case until he or she sooner dies, resigns, is removed or becomes disqualified. If the chairman is unable to serve a complete term, the vice-chairman will serve as chairman until the next committee meeting.

Invitees are encouraged to provide input into the planning process. During the meetings, participants are encouraged to comment on the meeting's agenda items and any other pertinent matters. Comments may be heard at the meetings, provided ahead of the meetings on the web sites, and made directly to the chairman, other committee officers, and the subcommittee chairmen.

When comments are made at meetings, the chairman acknowledges the question/comment, and deliberation follows until the commenting party is satisfied or until additional information can be gathered and presented at the next meeting. If voting is necessary, Roberts Rules of Order are followed.

Texas has formed a Statewide Interoperability Executive Committee (SIEC) to manage the 700 MHz interoperability channels. The Texas Statewide Interoperability Channel Plan can be found

in Appendix D. The Texas Statewide Interoperability Coordinator (SWIC) works closely with the SIEC and Region 53 officers.

Subcommittees: Subcommittees have been formed as needed to work on specific issues. At the first meeting three subcommittees were formed. These subcommittees are intended to work on the details of specific issues and make recommendations to the full committee for the development of the regional plan. Participation in subcommittees is open to any member. The chairman of the RPC appoints each subcommittee chairman. The initial Region 53 subcommittees and their current chairmen are listed below:

- Bylaws: Carol Edgett, Comal County
- Technology/Software/Interoperability: Michael Quinn, Alamo Area Council of Governments
- Peer Review / Dispute Resolution: Joe Jarrett, Texas DPS Frequency Coordinator

Meetings: An annual meeting of the full committee shall be held in San Antonio, Texas on the first Thursday of March of each year, or if that date is a legal holiday, then on the next succeeding business day that is not a legal holiday.

Quarterly meetings of the committee shall be held the first Thursday of June, September, and December of each year at a location to be determined by the Committee. The chairman also has the authority to call meetings whenever he/she deems it necessary or in the best interest of the region to convene. In an attempt to offer as many people as possible the opportunity to contribute to the committee, some of the meetings have been, and will continue to be held in various locations within Region 53.

A chronological list of meetings, meeting announcements, agendas, and meeting minutes documenting Region 53's progress in 700 MHz development is located in Appendix C of this document.

Region 53 700MHz Plan

Appendix L (1 of 2) – Propagation Model Calibration Map

Region 53 understands that there are many differing computer modeling software products that an applicant can utilize to perform the required responsible radiation calculations, as well as service and interference calculations to other systems and CAPRAD assignments. In order not to limit the applicant in the selection of a propagation software product, while still maintaining a quality control on the documents submitted to the Region, we have established a standard propagation model.

The applicant must define the propagation software that is utilized in the application process. This software must be commercially available and have received peer review and be a generally accepted propagation modeling tool. Utilizing the following technical parameters the applicant will submit a calibration propagation which shows general agreements to the following plot.

Coordinates: 29-28-32 N 98-33-6 W

Site elevation: 232 m ASL

Antenna radiation center (antenna height): 45 m AGL

Antenna type: Omni-directional (DB806 or equivalent)

Effective Radiated Power: 150 watts

Propagation Model: Okumura-Hata-Davidson

Reliability: median F(50,50)

Environment: Suburban

Frequency: 770 MHz

Receive Antenna Height: 1.8 m

Advanced Settings:

K factor: 1.3333

Ground conductivity: 8 mS/m

Ground dielectric constant: 15

Atmospheric absorption: none

Climate type: Continental Temperate

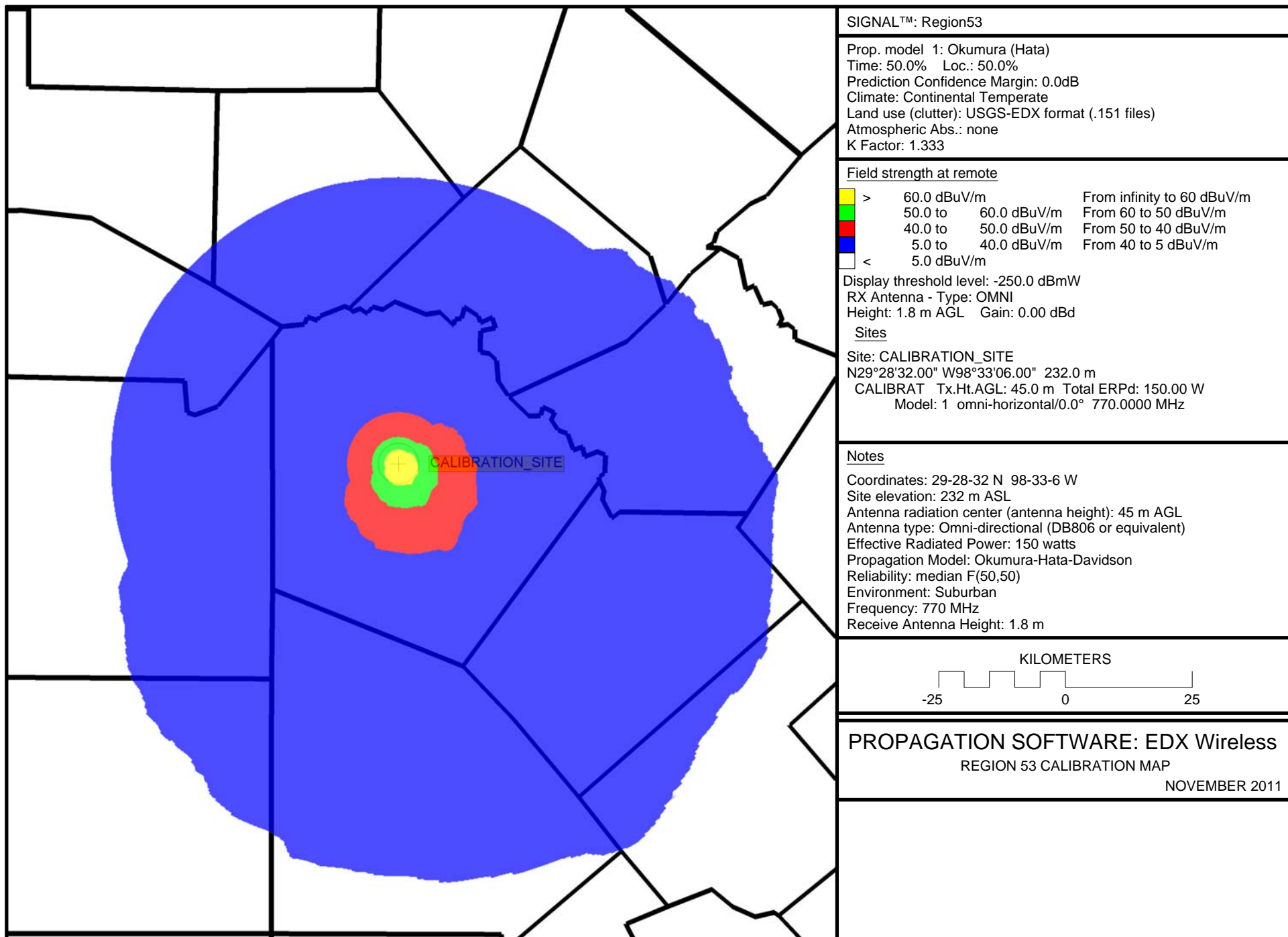
Terrain Data: Include

Clutter Loss: Include

Fresnel zone loss: Include

Building data: Exclude

Ground Reflection: Exclude



Region 53 700MHz Plan

Appendix M (1 of 2) – Sample Propagation Maps

Region 53 understands the challenges associated with developing responsible radiation and interference studies that conform to the criteria established in the Region 53 plan. The following sample studies have been provided to assist applicants with developing propagation studies which conform to the criteria established in the Region 53 700 MHz plan.

The sample studies assume three simulcast radio sites located within Bexar County, TX. The following table summarizes the frequencies under consideration in the sample study as well as the co-channel and adjacent-channel CAPRAD allocations. Co-channel and adjacent-channel CAPRAD allocations for each frequency can be found in the CAPRAD database using the ‘Reports’ tool.


		Co-Channel				Adjacent Channel
	Channel Number	Region 53	Region 49	Region 50	Region 51	Region 53
1	17-18 (769.10625 MHz)	Maverick Nueces Starr	Bell	Brewster Hudspeth Mason Midland Nolan	Harris	Bee Cameron Edwards Frio Lavaca
2	57-58 (769.35625 MHz)	Lavaca Maverick Nueces Zapata	Llano Milam	Brewster Callahan Hudspeth Knox Midland Sutton	Harris	Calhoun Duval Karnes Real Willacy
3	121-122 (769.75625 MHz)	Dimmit Nueces Starr Victoria	Williamson	Dawson Mason Pecos Shackelford Tom Green	Harris	Bee Kerr Willacy



SIGNAL™: REGION53 - SAMPLE

Prop. model 1: Okumura (Hata)
Time: 50.0% Loc.: 50.0%
Prediction Confidence Margin: 0.0dB
Climate: Continental Temperate
Land use (clutter): USGS-EDX format (.151 files)
Atmospheric Abs.: none
K Factor: 1.333

Field strength at remote

 > 50.0 dBuV/m Signal stronger than 50 dBuV/m
 < 50.0 dBuV/m

Display threshold level: -250.0 dBmW

RX Antenna - Type: OMNI

Height: 1.8 m AGL Gain: 0.00 dBd

Sites

Site: TEST_SITE_1

N29°36'46.10" W98°37'51.74" 330.7 m

TEST_SIT Tx.Ht.AGL: 120.0 m Total ERPd: 300.00 W

Model: 1 omni-vertical/0.0° 770.0000 MHz

Site: TEST_SITE_2

N29°21'09.02" W98°38'39.64" 197.3 m

TEST_SI2 Tx.Ht.AGL: 110.0 m Total ERPd: 200.00 W

Model: 1 omni-vertical/0.0° 770.0000 MHz

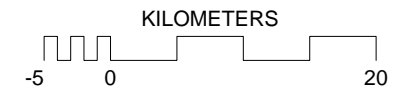
Site: TEST_SITE_3

N29°26'44.22" W98°20'49.72" 225.0 m

TEST_SI3 Tx.Ht.AGL: 90.0 m Total ERPd: 150.00 W

Model: 1 omni-vertical/0.0° 770.0000 MHz

 5 MILE BUFFER

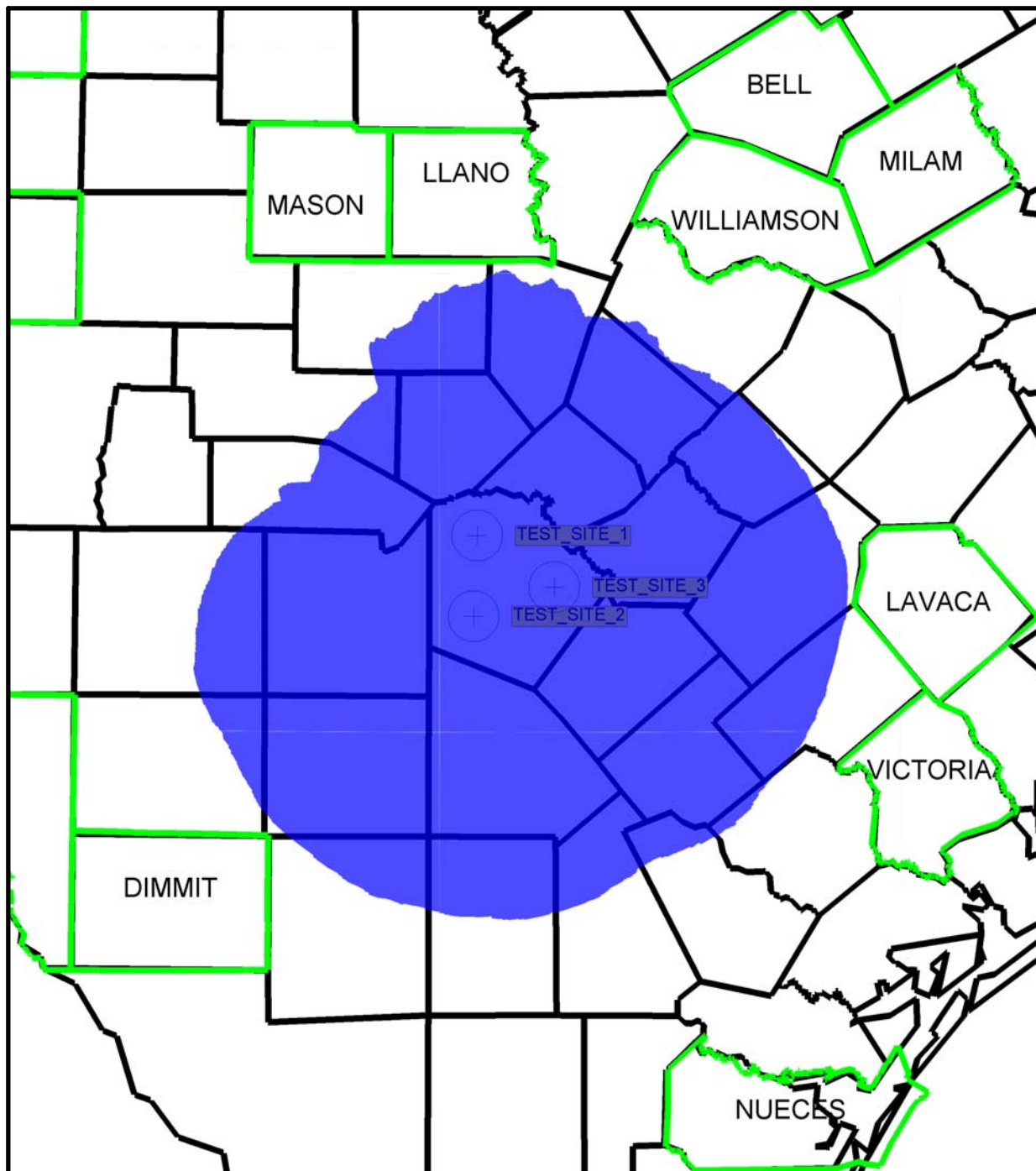


PROPAGATION SOFTWARE: EDX Wireless

REGION 53 INTERFERENCE ANALYSIS

RESPONSIBLE RADIATION STUDY

NOVEMBER 2011



SIGNAL™: REGION53 - SAMPLE

Prop. model 1: Okumura (Hata)
Time: 50.0% Loc.: 50.0%
Prediction Confidence Margin: 0.0dB
Climate: Continental Temperate
Land use (clutter): USGS-EDX format (.151 files)
Atmospheric Abs.: none
K Factor: 1.333

Field strength at remote

> 5.0 dBuV/m Signal stronger than 5 dBuV/m
< 5.0 dBuV/m

Display threshold level: -250.0 dBmW

RX Antenna - Type: OMNI

Height: 1.8 m AGL Gain: 0.00 dBd

Sites

Site: TEST_SITE_1

N29°36'46.10" W98°37'51.74" 330.7 m

TEST_SIT Tx.Ht.AGL: 120.0 m Total ERPd: 300.00 W

Model: 1 omni-vertical/0.0° 770.0000 MHz

Site: TEST_SITE_2

N29°21'09.02" W98°38'39.64" 197.3 m

TEST_SI2 Tx.Ht.AGL: 110.0 m Total ERPd: 200.00 W

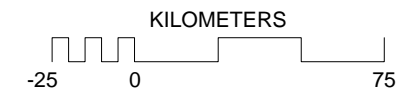
Model: 1 omni-vertical/0.0° 770.0000 MHz

Site: TEST_SITE_3

N29°26'44.22" W98°20'49.72" 225.0 m

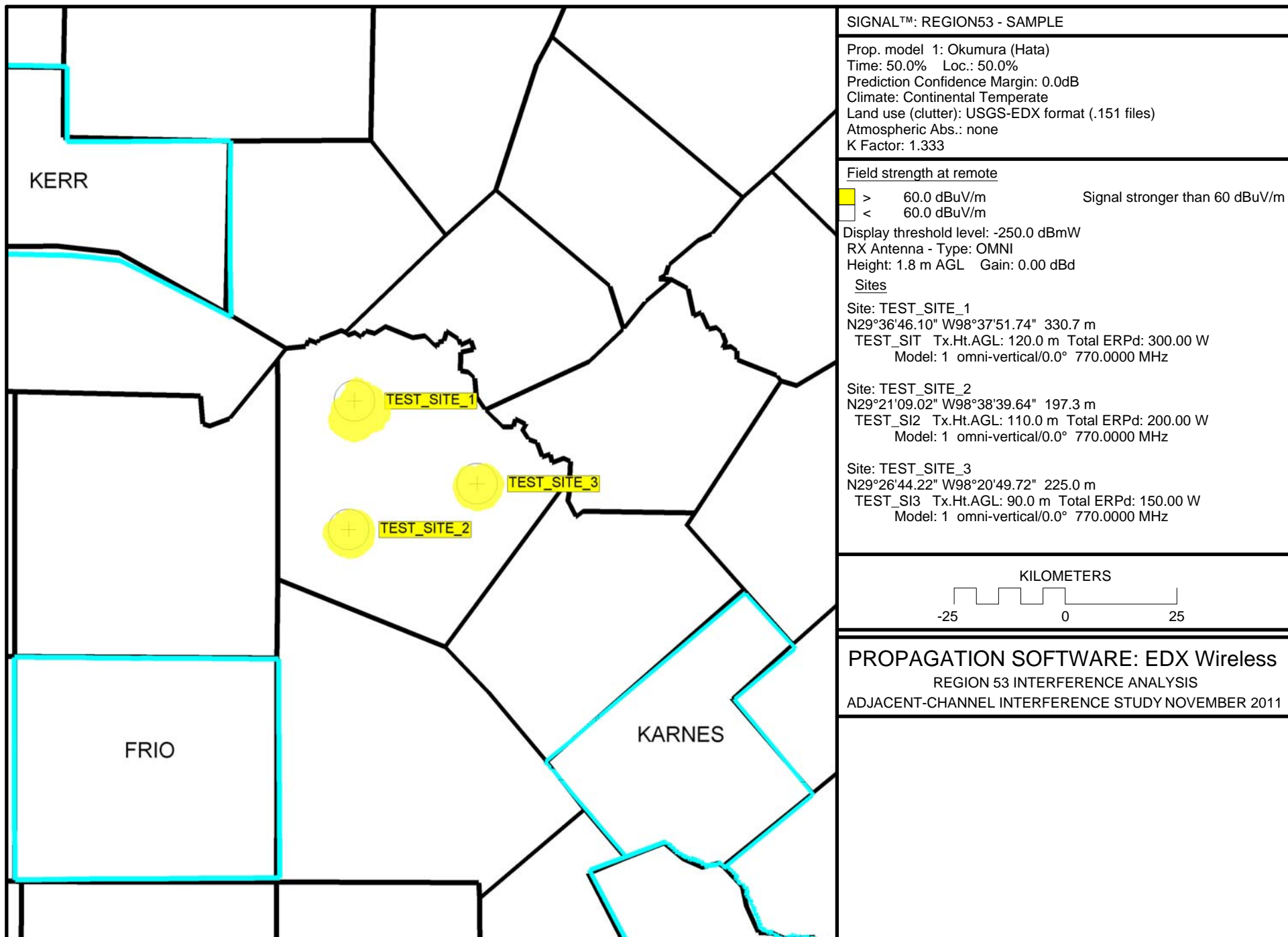
TEST_SI3 Tx.Ht.AGL: 90.0 m Total ERPd: 150.00 W

Model: 1 omni-vertical/0.0° 770.0000 MHz



PROPAGATION SOFTWARE: EDX Wireless

REGION 53 INTERFERENCE ANALYSIS
CO-CHANNEL INTERFERENCE STUDY NOVEMBER 2011



Region 53 700MHz Plan

Appendix N – Application Checklist

The following checklist summarizes the mandatory application requirements for 700 MHz filings with the Region 53 RPC. Applicants are required to submit a completed and signed checklist with their applications in order to demonstrate that they have included all mandatory application requirements.

For each row, applicants should indicate that the described Region 53 plan requirement has been included within the application package under the “included in application” column.

The remainder of this page left intentionally blank.

Region 53 700 MHz Application Contents Checklist

R53 700 MHz Plan Section	Requirement	Included in Application?
3.6 (D)(1)	Completed FCC Form 601(s)	
3.6 (D)(2)	Description of the proposed system	
3.6 (D)(3)	Justification for the additional spectrum	
3.6 (D)(4) & 7.3	Proposed system loading schedule (subscriber units / channel)	
3.6 (D)(5)	Proposed implementation schedule	
3.6 (D)(6)	Interference prediction studies per section 7	
3.6 (D)(7)	Proof of funding commitment	
3.6 (D)(8)	List of frequencies that will be retained by the applicant and their specific uses	
3.3 & 3.6 (D)(9)	List of frequencies with associated FCC call signs which will be relinquished upon implementation of 700 MHz utilizing channels authorized by the RPC.	
3.6 (D)(10)	List of co-channel and adjacent-channel licensees and CAPRAD assignments	
3.6 (D)(11) & 7.2	Statement acknowledging 12/31/2016 6.25 kHz spectrum efficiency requirement	
4	List of user groups that operate on the system inclusive of their respective public safety or public service disciplines	
7.2.1 & Appendix L	Propagation model calibration map	
7.2.2 & Appendix L	Responsible radiation propagation map	
7.2.3 & Appendix M	Co-channel interference propagation map(s)	
7.2.4 & Appendix M	Adjacent-channel interference propagation map(s)	
8.2	Certification that subscriber units will be programmed with the minimum number of 700 MHz tactical interoperability channels	
8.4	Certification that 700 MHz applicants will monitor the interoperability calling channels in the manner prescribed by the TSIEC.	
Appendix N	Completed application checklist	

I do hereby certify that the mandatory application requirements listed above have been included in my agency's application package and have been completed to the best of my knowledge. The information provided in this application accurately depicts the system as proposed. Any changes to the licensed parameters approved by the RPC will require a new application to Region 53.

Authorized Signature

Date

Region 53 700MHz Plan

Attachment 1 Inter-Regional Coordination Agreements (signed copies) [Appendix G - Inter-Regional Coordination Procedures and Procedures for Resolution of Disputes That May Arise Under FCC Approved Plans]

Note: The following form requires original signatures from the designated regions, assuring agreement confirmation of these procedures.

I. INTRODUCTION

1. This is a mutually agreed upon Inter-Regional Coordination Procedures Agreement (Agreement) by and between the 700 MHz Regional Planning Committees of Regions 53, 49, 50, and 51; whereas AGREEMENT HERETO and confirmed on the 24th day of April, in the year of 2013.

II. INTER-REGIONAL COORDINATION AGREEMENT

1. The following is the specific procedure for Inter-Regional Coordination which has been agreed upon by Regions 53, 49, 50, and 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.
- f. The adjacent Region reviews the application. If the application is approved, a letter of concurrence shall be sent, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days.

¹ If an applicant's proposed service area or interference contour extends into an adjacent Public Safety Region(s), the application must be approved by the affected Region(s). Service areas shall normally be defined as the area included in the geographical boundary of the applicant, plus three (3) miles. Interference contour shall normally be defined as a 5 dBu co-channel contour or a 40 dBu adjacent channel 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.

III. DISPUTE RESOLUTION

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

- a. Unconditional concurrence;
- b. Conditional concurrence contingent upon modification of Applicant's technical parameters; or
- c. 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 appropriate subcommittee of the National Regional Planning Council (NRPC), or any subsequent oversight organization. Each Region involved in the dispute shall include a detailed explanation of its position, including engineering studies and any other technical information deemed relevant. The NRPC will, within thirty (30) calendar days, report its recommendation(s) to the Regional chairpersons via the CAPRAD database. The NRPC's decision may support either of the disputing Regions or it may develop a proposal that it deems mutually advantageous to each disputing Region.

3. 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.

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

5. 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

1. IN AGREEMENT HERETO, Regions 53, 49, 50, and 51, do hereunto set their signatures the day and year written.

Respectfully,

[All signatories to agreement]

Region 53

Date:

2/12/12

Region 49

Date:

2/18/12

Region 50

Date:

4/24/2012

Region 51

Date:

4/24/2012

Region 53 700MHz Plan

Attachment 2 Letter of Concurrence

Date: 2/19/12

Subject: Region 49 Letter of Concurrence with Region 53 700MHz Plan

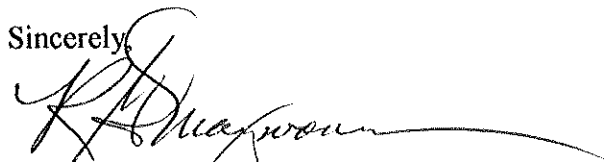
Richard Morales, Jr.
Region 53 Regional Planning Committee
City of San Antonio
P. O. Box 839966
San Antonio, TX 78283-3966

Dear Chairman Morales,

The Region 49 Regional 700MHz Committee is in receipt of Region 53's 700MHz Regional Plan. The purpose of this letter is to inform you that Region 49's Committee and I have reviewed the Region 53 Plan and find it compliant with the guidelines. Further, we find that it does not conflict with Region 49's 700MHz Plan.

Please let this letter serve as Region 49's official written concurrence of Region 53's 700MHz Regional Plan.

Sincerely,



Ronald G. Mayworm, Chairman
Region 49 Regional Planning Committee
3708 E. 29th Street, #128
Bryan, TX 77802

Date: 2/19/12

Region 53 700MHz Plan

Attachment 2 Letter of Concurrence

Date: 2/7/2012

Subject: Region 50 Letter of Concurrence with Region 53 700MHz Plan

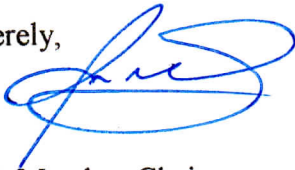
Richard Morales, Jr.
Region 53 Regional Planning Committee
City of San Antonio
P. O. Box 839966
San Antonio, TX 78283-3966

Dear Chairman Morales,

I am in receipt of your proposed Region 53 700MHz Regional Plan submitted to the Region 50 700MHz Committee.

Please let this letter serve as Region 50's official written concurrence of Region 53's 700MHz Regional Plan.

Sincerely,



Frank Mendez, Chairman
Region 50 Regional Planning Committee
8600 Montana, Suite C
El Paso, TX 79925

Date: 2/7/2012

Region 53 700MHz Plan

Attachment 2 Letter of Concurrence

Date: Apr 24, 2012

Subject: Region 51 Letter of Concurrence with Region 53 700MHz Plan


Richard Morales, Jr.
Region 53 Regional Planning Committee
City of San Antonio
P. O. Box 839966
San Antonio, TX 78283-3966

Dear Chairman Morales,

The Region 51 Regional 700MHz Committee is in receipt of Region 53's 700MHz Regional Plan. The purpose of this letter is to inform you that Region 51's Committee and I have reviewed the Region 53 Plan and find it compliant with the guidelines. Further, we find that it does not conflict with Region 51's 700MHz Plan.

Please let this letter serve as Region 51's official written concurrence of Region 53's 700MHz Regional Plan.

Sincerely,



Doug Frankhouser, Chairman
Region 51 Regional Planning Committee
Houston Airport System
4500 Will Clayton Parkway
Houston, TX 77032

Date: Apr 24, 2012