Regional Planning Committee

55 700 MHz

FCC Region 55 – 700-MHz

Public-Safety Communications Plan

Version 3.0
September 2, 2015

Document Addition and Revision Log

Document Addition and Revision Log

Date of Revision	Revisions	Version
6/7/2006	Initial version – excluding the following sections: March 15, 2006 meeting report; • Tribal nation correspondences; • Region 55 Chair's signature; • Adjacent-region approvals and signatures; and • FCC approval.	1.0
6/20/2006	Version 1.1 – excluding the following sections: • March 15, 2006 meeting report; • Tribal nation correspondences; • Region 55 Chair's signature; • Adjacent-region approvals and signatures; and • FCC approval. Version 1.1 Release Notes: • Formatting and cross-reference revisions made throughout the document.	1.1
6/25/2006	Version 1.2 – excluding the following sections: • March 15, 2006 meeting report; • Region 55 Chair's signature; • Adjacent-region approvals and signatures; and • FCC approval. Version 1.2 Release Notes: • Tribal nation correspondence information included.	1.2
1/8/2007	Version 1.3 – excluding the following sections: • Adjacent-region approvals and signatures; • FCC cover letter; and • FCC approval. Version 1.3 Release Notes: • March 15, 2006 meeting report included; • June 20, 2006 Public Notice and meeting report included; • October 18, 2006 Public Notice and meeting report included; • Orphan Channel verbiage included in Sections 5 and 9.5; • Region 55 Chair's signature included; and • Verbiage, formatting, and cross-reference revisions implemented throughout the document.	1.3

Date of Revision	Revisions	Version
3/19/2007	Version 1.4 – excluding the following sections: • Adjacent-region approvals and signatures; • FCC cover letter; and • FCC approval. Version 1.4 Release Notes: • Revised the Plan to integrate FCC RPC Region 33 (Ohio) into the adjacent-region concurrence process; • Included an adjacent-region definition in Section 13; • Updated the URL in Section 13; • Included an updated Committee Member Contact List and RPC Meeting Attendance Roster in Appendices A and B, respectively; • Concurrence letter from RPC 30 included in Appendix K; • Included revised Interregional dispute-resolution and frequency coordination procedures in Appendix L; • Public Notices and minutes from the 11/30/06 and 1/18/07 meetings included in Appendix S; • Included an updated Tribal Nation Correspondence Log in Appendix V; and • Verbiage, formatting, and cross-reference revisions implemented throughout the document.	1.4
4/10/2007	Version 1.5 – excluding the following sections: • Adjacent-region approvals and signatures; • FCC cover letter; and • FCC approval. Version 1.5 Release Notes: • Affixed the RPC 36 Regional Convener's signature to the Interregional Frequency-Coordination and Dispute Resolution Procedures.	1.5
4/18/2007	Version 1.6 – excluding the following sections: • Adjacent-region approvals and signatures from RPC 28 and 33; • FCC cover letter; and • FCC approval letter. Version 1.6 Release Notes: • The RPC 36 Regional Convener's signature was affixed to the adjacent region concurrence letter in Appendix K.	1.6

Date of Revision	Revisions	Version
9/15/2008	Version 2.0 – excluding the following sections: • In-building and underground system design and spectrum management; and • FCC approval letter. Version 2.0 Release Notes: • Revised the Plan to reflect the Second Report and Order (FCC 07-132), reconfiguring the 700-MHz public safety communications band; • Revised the channel allotment tables to reflect the repacking of CAPRAD, as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options; • Included the executed concurrence letter from RPC 33 in Appendix K; • Included the Regional Chairperson's execution of the Interregional Frequency-Coordination and Dispute-Resolution Procedures in Appendix M; • Included the adjacent-region notification of Plan revisions in Appendix V; • Included the adjacent-region concurrences with Plan revisions in Appendix W; • Included procedures to administer the Low-Power Interoperability Channels; • Revised the Low-Power Interoperability Channels Subscriber Service Assignment Table; • Revised Section 7.7, Channels Released, and Figures 8 and 9 to account for seven (7) to nine (9) channels released; • Implemented verbiage, formatting, and cross-reference revisions throughout the document; • Updated the Plan to include all public meeting notices, meeting minutes, and attendance rosters; • Updated the Plan to reflect the new committee administration; and • Uplifted the Plan into a revised document template.	2.0
09/02/2015	Version 4.0 Release Notes • Major Revision to Section 2 – Committee Administration • Major Revision to Section 3 – Bylaws • Major Revision to Section 5 – Procedure for Requesting Spectrum Allotments • Minor Revision to Section 6– Application Requirements and Appendix E, Application Package Checklist • Major Revision to Section 10 – Administration of Low Power Channels • Creation of Section 14 – Deployable Trunked Channels • Creation of Section 15 – Former Reserve Channels	3.0

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1. Authority of the Committee

1. AUTHORITY OF THE COMMITTEE

On August 6, 1998, in the First Report and Order (R&O) and Third Notice of Proposed Rule Making in WT Docket No. 96-86, the Federal Communications Commission (FCC) adopted service rules for the 24 MHz of spectrum in the 764-776/794-806 MHz frequency bands (collectively, the 700-MHz band). The FCC reallocated this spectrum from analog television broadcast services to public safety services. Please refer to Figure 1-1. The National Coordinating Committee (NCC), now decommissioned, recommended the Regional Planning Committee (RPC) process to administer the designated spectrum. The FCC adopted the NCC's recommendation and established the RPC process in the R&O. RPCs consist of representatives of public safety agencies at the State and local levels within each region.

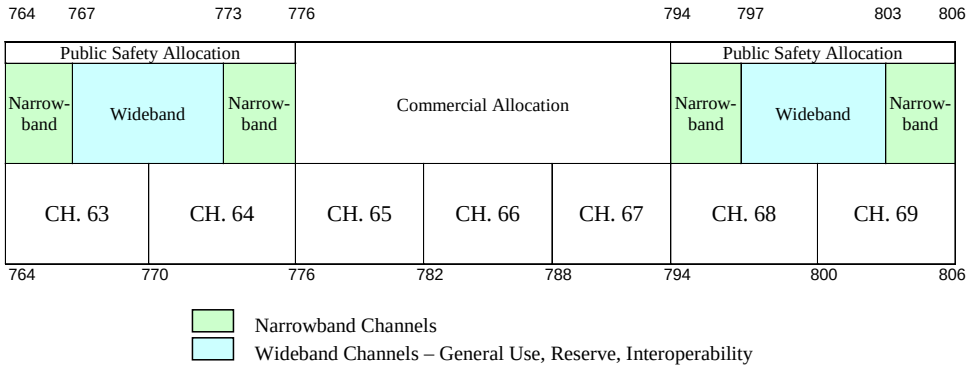

Figure 1-1, 700-MHz Public Safety Band PRIOR to Reconfiguration

On July 31, 2007, the FCC adopted the Second R & O, reallocating the 700-MHz public safety spectrum to the 763- to 775-MHz band and the 793- to 805-MHz band. From this allocation, the bottom portion of the Band (763-768/793-798 MHz) has been designated as broadband spectrum licensed under the Public Safety Broadband Licensee (PSBL). Therefore, the principal 700-MHz spectrum resources under the jurisdiction of the RPC's are the 769- to 775-MHz and 799- to 805-MHz narrowband channels, which are further divided into General Use, Interoperability (voice, low-speed data, and national call), Secondary Trunking, State License, Low Power, and Reserve spectrum allotments. Please refer to Figure 1-2, which follows.

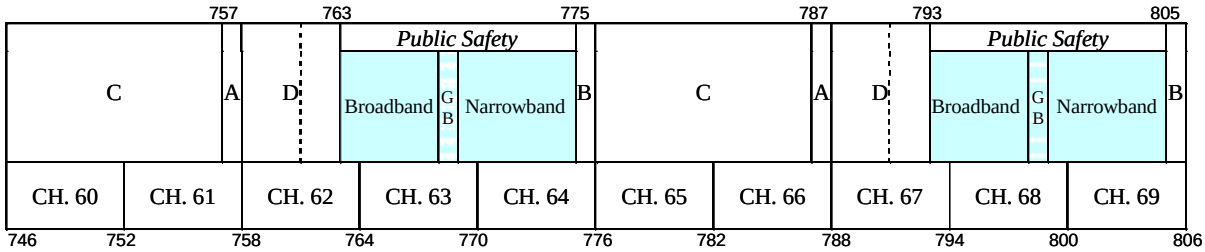

Figure 1-2, Reconfigured 700-MHz Public Safety Band

No allotments will be made in the General-Use category for the 769- to 775-MHz and 799- to 805-MHz bands until the plan has been approved by the FCC. The 700-MHz public safety spectrum will be made available for use after February 17, 2009[1] in accordance with the FCC's digital television transition schedule.

1.1 First Convening Meeting

The Region 55 700-MHz planning committee held its first convening meeting on Monday, May 20, 2002. A FCC Public Notice (PN) announcing this meeting was issued on March 20, 2002.

1.2 Notification and Committee Participation

All eligible parties[2] were invited to participate in developing the Regional Plan. This notification was accomplished by the FCC issuing a Public Notice and by the "convener" directly notifying organizations representing eligible parties. Additionally, the mobile communications print media were contacted by the "convener" and made aware of the Committee's formulation. Also notified were state and local government agencies concerned with emergency management, as well as federal agencies responsible for National security and emergency preparedness.

In accordance with FCC's Code of Regulations (CFR) Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services, this Regional Plan includes the public meeting notices of each RPC meeting. Please refer to Appendix T for the meeting notices.

The RPC welcomed comments from all parties during the plan-development process. The plan's content was voted on for approval by the Committee in accordance with the Region 55 Bylaws.

1.3 Acronyms Used in this Document

Table 1-1, Acronyms and their Definitions

Acronym	Definition
ACCPR	Adjacent-Channel Coupled Power Ratio
APCO	Association of Public-Safety Communications Officials
ARD	Area Reliability Degradation
CAPRAD	Computer-Assisted Pre-coordination Resource and Database
CD	Compact Disk
CFR	Code of Federal Regulations
CPC	Channel Performance Criterion
dB	Decibel
dBμ	A decibel relative to one (1) microvolt/meter

[1] The date for television broadcasters to vacate the 700-MHz public-safety spectrum is February 17, 2009. Public safety entities may operate in the 700-MHz band prior to the transition date if they secure an FCC waiver.

[2] CFR Title 47, Telecommunication, Chapter 1, Part 90 Private Land Mobile Radio Services: http://www.access.gpo.gov/

Acronym	Definition
dBm	A decibel relative to one (1) milliwatt
DTV	Digital Television
DVD	Digital Video Disk
EMS	Emergency Medical Services
FCC	Federal Communications Commission
FDMA	Frequency Division Multiple Access
GIS	Geographic Information System
GPO	Government Printing Office
kHz	kilohertz
LFA	Local Frequency Advisor
LSA	List of Sections Affected
MHz	Megahertz
MO&O	Memorandum Opinion & Order
MOU	Memorandum of Understanding
NCC	National Coordination Committee
NIJ	National Institute of Justice
NPSTC	National Public Safety Telecommunications Council
OFDM	Orthogonal Frequency Division Multiplexing
PN	Public Notice
PSA	Protected Service Area
PSBL	Public Safety Broadband Licensee
R&O	Report and Order
RF	Radio Frequency
RMS	Root Mean Square
ROM	Read-Only Memory
RPC	Regional Planning Committee
RPUC	Regional Plan Update Committee
SIEC	Statewide Interoperability Executive Committee
TDMA	Time Division Multiple Access
TSB	Telecommunications Systems Bulletin
UHF	Ultra High Frequency
URL	Uniform Resource Locator
VHF	Very High Frequency
WTB	Wireless Telecommunications Bureau

2. Committee Administration

2. REGION 55 - 700-MHZ PLANNING COMMITTEE ADMINISTRATION

Membership in the Region 55 – 700-MHz Planning Committee shall be in accordance with the Region 55 Bylaws, Article 2. For a current list of Region 55 Regional Planning Committee Members, please refer to CAPRAD. The current Region 55 Officers are:

Steven S. Sharpe
FCC Region 55 Chairperson
Director of Emergency Communications
Genesee County Office of the Sheriff
165 Park Road
Batavia, New York 14020-1283
Telephone: (585) 345-3000, extension 3400
Email: ssharpe@co.genesee.ny.us

Allen Turner
FCC Region 55 Secretary / Treasurer
Communications Coordinator
Orleans County Dispatch
Public Safety Building 13925 State Route 31 - Suite 400
Albion, NY 14411
Phone: (585) 590-4171
Email: Allen.Turner@orleanscountyny.gov

Peter Stritzinger
FCC Region 55 Vice Chairperson
Carlton Fire Company
Iberdrola USA Management Corp. Lead Engineer
89 East Ave.
Rochester, New York 14649
Telephone: (585) 724-8956
Email: peter.stritzinger@iberdrolausa.com or pjs8779@yahoo.com

2.1 Historical Information

The officers of the Region 55 – 700-MHz Planning Committee at the time the Original Plan was accepted and approved by the Commission were:

Steven S. Sharpe
FCC Region 55 Chairperson
Director of Emergency Communications
Genesee County Office of the Sheriff
165 Park Road
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Peter Stritzinger
FCC Region 55 Vice Chairman
Radio System Manager,
Orleans County Emergency Management
14064 County House Road
Albion, New York 14411-9230
Telephone: (585) 589-4414
FAX: (585) 589-7671
Email: ocradio@orleansny.com

3. Bylaws

3. REGION 55 BYLAWS

Article I: Name & Purpose

1.1 Name and purpose. The name of this organization shall be the FCC Region 55 (New York-Buffalo) 700-MHz Regional Planning Committee. Its primary purpose is to foster cooperation, planning, development of regional plans, and implementation of these plans in the 700-MHz Public Safety Band.

Article II: Members

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

2.1 Number, Election, and Qualification. The RPC shall have two classes of members: "voting members" and "non-voting members." New members may be added at any official meeting.

a. Voting Members. Voting members shall consist of one representative from any single agency that is engaged in public safety and eligible to hold a license under the CFR Title 47, Telecommunication, Chapter 1, Part 90, (47 CFR 90.20, 90.523) and that has jurisdiction within the Region 55 geographic boundaries. However, any single agency shall be allowed no more than one vote for each distinct eligibility category (e.g., police, fire, EMS, highway) within the agency's organization or political jurisdiction. In voting on any issue, the individual must identify himself/herself and the agency and eligibility category that he or she represents. Voting members shall not vote on application scoring and approval matters that directly benefit themselves or the organization they represent.

b. Voting Status. Eligible voting members shall attain voting status after having attended two (2) consecutive meetings. The status of eligible voting members shall be evaluated at the initiation of each committee meeting base on their attendance over the previous twelve (12) months.

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

2.2 Tenure. In general, members shall hold membership from the date of acceptance until resignation, permanent incapacity, removal, or they no longer represent an eligible agency.

2.3 Duties. In addition to such duties as are vested in them by the FCC or these bylaws, the members shall have such other duties as the membership may from time to time determine by majority vote at any annual, special, or regular meeting.

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

2.5 Resignation. A member may resign by delivering his or her written resignation to the chairman, vice-chairman, or secretary of the RPC or to a meeting of the members.

Article III: Meetings

Meetings of the RPC membership shall be held at the time and place specified and published at least thirty (30) days prior to the day of the meeting, or as otherwise provided for below.

3.1 The first meeting of the year of the RPC shall be held on Thursday in the third week of January each year. This meeting will include the election of at least one of the Officers

3.2 Other Meetings. Meetings of the members may be held at any date and time, with at least thirty (30) days advance notice, and at any place within the RPC area. Meetings of the members may be called by 1) the chairman, or 2) the vice-chairman, or 3) any other officer in case of absence or incapacity of the chairman or vice-chairman, or 4) upon written application of two or more members.

3.3 Working Group Meetings. Working group meetings may be conducted in person or via electronic means for the purpose of developing consensus and making recommendations to an official meeting.

3.4 Meeting Notice. In addition to notification by public notice, each member shall be notified of the time and place of such meeting via his or her e-mail address on file with the Committee. A tentative meeting agenda shall be included in this correspondence.

3.5 Continuation of Meetings. Any meeting may be adjourned to such date or dates not more than ninety (90) days after the first session of the meeting by a majority of the votes cast upon the question, with quorum present. The meeting may resume on the adjourned-to date with as much notice as may be reasonably practicable under the circumstances.

3.6 Quorum. A quorum is defined as a majority of the voting members present and any members represented by proxies. At any official meeting of the members, a majority of the voting members shall constitute a quorum.

3.7 Action by Vote. Each voting member, as the official representative for a particular agency/entity shall have one (1) vote; non-voting members have no right to vote. A majority of the votes properly cast by voting members present (including via teleconference upon achieving voting status) or by proxies shall decide any question, including election to any office, unless otherwise provided by law, rule, regulation, or these bylaws. An electronic vote may be offered to the voting membership on a matter at the approval of the majority of executive committee and the chair of the technical subcommittee.

3.8 Action by Writing. Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if all members entitled to vote on the matter have been given at least thirty (30) days notice and consent to the action in writing, and the written consents are filed with the records of the meetings of the members. Such consents shall be treated for all purposes as a vote at a meeting.

3.9 Proxies. In their absence, voting members may vote by written proxy dated not more than one month before the meeting named therein. Such proxies shall be filed before the meeting 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 their holders to vote at any resumed session of the meeting if it is adjourned to a future date. The proxy shall terminate after the final adjournment of the meeting or upon attendance at the meeting by the voting member who issued the proxy.

3.10 Digital / Remote Attendance. The Regional Planning Committee will make, to the best of the Region's ability as resources are available, access available to members and interested parties via teleconference. All regular meetings will, whenever possible, be accessible via a teleconference bridge. Members present at any meeting via teleconference or electronically will be recorded as being on-line as opposed to in-person and will have the right to vote, comment and participate as those members present. On non-unanimous votes, roll call votes of members attending electronically shall be taken

Article IV: Officers

4.1 Number and qualification. The officers of the RPC shall consist of a Chairman, a Vice-Chairman, and a Secretary/Treasurer. Only voting members of the RPC may serve as officers.

4.2 Election. The officers shall be elected for a three-year term by the voting members at the first regular meeting of the year and shall remain in office in accordance with subsection 4.6 - Tenure.

Election Cycle: Election of Officers will occur following the schedule:

- Elections for Chairperson will occur every three years beginning 2016
- Elections for Vice Chairperson will occur every three years beginning 2017
- Elections for Secretary / Treasurer will occur every three years beginning 2018

4.3 Chairman. The Chairman shall be the chief executive officer of the RPC and, subject to the control of the voting members, shall have general charge and supervision of the affairs of the RPC. The Chairman shall preside at all meetings of the RPC and appoint such subcommittees as may be necessary, and shall not vote unless to resolve a tie vote, as cast by the body.

4.4 Vice Chairman. The Vice Chairman shall have such duties and powers as the voting members shall determine. The Vice-Chairman shall have, and may exercise, all the powers and duties of the Chairman during the absence of the Chairman or in the event of the Chairman's inability to act. The Vice-Chairman, unless acting as the Chairman at a Committee Meeting, shall be able to vote, unless the Vice-Chairman must abstain due to their direct impact.

4.5 Secretary/Treasurer. The Secretary shall record and maintain records of all proceedings of the members in a file or series of files kept for that purpose. Such file or files shall be open at all reasonable times to the inspection of any member. Such file or files shall not only contain records of all meetings, but also the original, or attested copies, of bylaws and the names of each member 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 Secretary shall also be responsible to keep and maintain all documents, including but not limited to the Regional Plan and channel allotments. The Secretary shall also be in charge of the Region's financial affairs, funds, and valuable financial papers, and shall keep full and accurate records of such activities and products. The Secretary shall be able to vote, unless he/she must abstain due to their direct impact.

4.6 Tenure. An officer shall hold office until his/her successor is chosen, he or she sooner resigns, becomes permanently incapacitated or disqualified, is removed from office, or no longer represents an eligible agency.

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

b) Resignation. An officer may resign by delivering his or her written resignation to the Chairman, Vice-Chairman, Secretary, or Treasurer of the RPC. 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.

c) Vacancies. If the office of any officer becomes vacant, the voting members may elect a successor. Each such successor shall hold office for the remainder of the vacated term.

Article V: Subcommittees

5.1 Regional Plan Update Committee

The RPC Chairperson shall also act as the Regional Plan Update Committee (RPUC) Chairperson. The Chairperson shall appoint members to the RPUC, which members shall be approved by the RPC. This Committee will remain in place to recommend changes in the Regional Plan to the FCC and to provide a mechanism for interregional resolution of problems that arise.

The goal of the RPC is to have a Committee that is diverse both geographically and in discipline. Each Update Committee member is to be selected based on their availability, their geographic diversity to the extent possible, their ability to remain unbiased and their good standing as a member of the RPUC.

The Update Committee shall to the best of the RPC's ability consist of at least six members. From time to time, the RPUC Chairman may appoint additional ~~one or more~~ members-at-large. Subsequent to the initial RPUC appointments, all future RPUC appointments will be subject to majority approval of the current RPUC membership. In no case shall any radio service have voting membership greater than 49%.

5.2 Technical Subcommittee

With the approval of the RPC, the Chairman shall appoint a Technical Subcommittee. This Committee will evaluate all 700-MHz applications that are submitted to the RPC. Upon receiving results from the Technical Subcommittee, the RPC Committee will approve, by consensus, the evaluation(s).

5.3 Interference Resolution Committee

With the approval of the RPC, the Chairman shall appoint an Interference Resolution Committee. This Committee will review interference-allegation reports and determine whether the alleged interfering system's operations comply with that station's license. If the system is deemed noncompliant with the license parameters, the Committee will decide what appropriate action(s) to take. If the system complies with the station license, the Committee will assist the impacted parties in devising an interference-resolution solution.

Article VI: Correspondence

6.1 The RPC's primary correspondence channel with Committee members and applicants shall be via electronic mail with read receipt. Committee members who do not have electronic mail will be corresponded with via U.S. certified mail with return receipt requested to confirm delivery.

Article VII: Amendments

7.1 These bylaws may be altered, amended, or repealed in whole or in part by an appropriate vote after thirty (30) days advance notice to the members. The voting members may, by a two-thirds votes of the quorum, alter, amend, or repeal any bylaws adopted by the RPC members or otherwise adopt, alter, amend, or repeal any provision on which FCC regulations or these bylaws require action by the voting members.

Article VIII: Dissolution

8.1 This RPC may be dissolved by the consent of two-thirds of the voting members at a special meeting called for such purpose. The FCC and adjacent regions shall be notified if dissolution is approved.

Article IX: Rules of Procedures

9.1 The Conduct of Regional Meetings — including without limitation, debate and voting — shall be governed by the most recent edition of Robert's Rules of Order unless otherwise specified by the Bylaws.

4. Region Description

4. REGION 55, REGION DEFINED

region is a geographic area that is designated a region for some noteworthy purpose. Within FCC Region 55, there are many jurisdictions, ranging from the state government to quasi-municipal organizations. Some jurisdictions may cross county lines, towns, villages, water districts, fire districts, etc. Figure 4-1 depicts the New York State counties — Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates — that comprise Region 55.

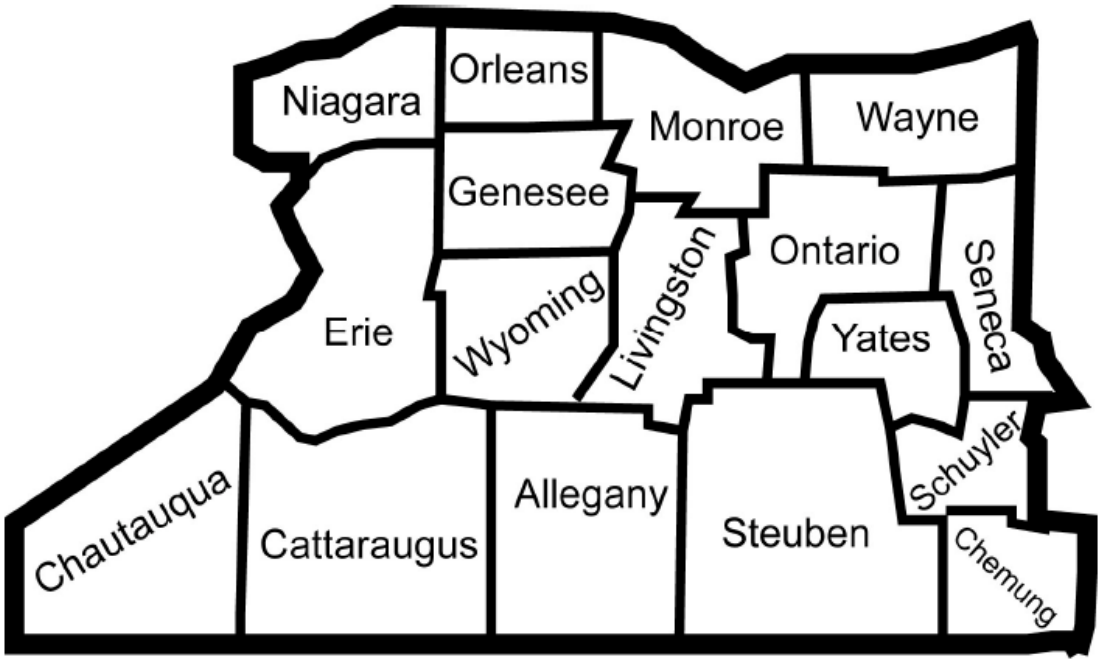

Figure 4-1, Mapping of Region 55

The total population of Region 55 is 2,852,351, which is about 15% of New York State's total population (18,976,457)[1].

[1] Data source: U.S. Census Bureau, 2000.

5. Spectrum Allotment Procedure

5. PROCEDURE FOR REQUESTING SPECTRUM ALLOTMENTS

The original PSR55 700 MHz plan stated, "The term for frequency-pool allotments in Region 55 shall be five (5) years after the transition date to digital television." The original digital television transition date was February 11, 2009, however the DTV Delay Act of 2009 moved the final transition date to June 12, 2009.

Since the five-year period since the Digital TV transition deadline has elapsed, the frequency-pool allotments do not need to remain fixed. Region 55 recommends to applicants that requests for spectrum allotments be made using the following prioritization:

1.) CAPRAD Allotments
2.) Orphan Channels
3.) Former Reserve(d) Channels
4.) Out-of-Pool Channels protecting existing CAPRAD allotments and FCC Allocations / Assignments
5.) Out-of-Pool Channels that impact CAPRAD allotments to the least amount possible while still protecting FCC Allocations / Assignments according to the Plan's prescribed interference criteria

However, Region 55 is aware that Arrangement Q – the Treaty between the United States and Canada – went into effect after the CAPRAD sort was published and impacts 14 of the 17 counties within Region 55. As such, the Region wholly understands that in those areas proximate to the International Border, allotment requests many not align with the original CAPRAD sort as some of the originally allotted channels are now designated Canadian Primary. Applicants are reminded to follow the allotment request prioritization described above.

5.1 Window Procedure

Region 55 will accept applications for Low Power Pool, Deployable Trunked System Channels and the Interoperability Pool channels at any time. Applications for the General Use Pool will utilize an ***Ad Hoc*** application window process. The procedure for requesting General Use Pool spectrum will be as follows:

1.) Applicant requests an application Window Opening
2.) PSR55 notifies the membership via e-mail and other interested parties via FCC Public Notice and CAPRAD that an application window will be opened
    a. Notification will be at least 30 days prior to the window opening
    b. Application Windows will be open for at least 30 days

6. Application Requirements

6. APPLICATION REQUIREMENTS

Each application package must contain enough information that evaluators can determine the strength of the application relative to its completing peer applications, as well as its technical validity. The RPC supports the NCC pre-assignment rules and recommendations. Applicants should review these recommendations prior to preparing applications for submission.

6.1 Application Contents Summary

A complete application package must include the following items:

- Completed FCC 601 form(s) in CAPRAD;
- Completed supplemental application requirements. Please refer to Appendix E, Supplemental Application Requirements;
- Completed Region 55 Antenna Pattern Information Form for each antenna configuration employed (with azimuth and elevation patterns). Please refer to Appendix F, Antenna Pattern Information Form;
- Completed Region 55 Service Area Boundary Form. Please refer to Appendix G, Service Area Boundary Form;
- Signed Memorandum of Understanding (MOU) agreeing to implement system as proposed. Please refer to Appendix N, Intraregional Memorandum of Understanding; and
- Coverage- and interference-prediction exhibits using Longley-Rice and adhering to the guidelines in the Telecommunications Systems Bulletin (TSB)-88 (latest edition). Please refer to Section 8, Technical Evaluation of Applications.

The Regional Plan contains an application checklist for use by applicants. Please refer to Appendix D, Region 55 Application Package Checklist.

6.2 Application Submission Format

All material provided as part of the application package must be submitted to RPC 55 via CAPRAD. Additionally, one (1) hard copy and one (1) electronic copy (CD-ROM, DVD-ROM, USB Flash Drive, etc.) shall be provided to the Secretary.

6.3 Grounds for Dismissal

At the discretion of the application-review committee, applicants may be afforded the opportunity to provide any essential missing application information so that their applications can continue to undergo the evaluation process. The RPC shall notify the applicant via written or electronic mail if the application package does not meet the requirements stated in this Plan[1]. Applications may be dismissed and returned to the applicant if required information is not provided. The applicant will then have the option to complete and resubmit the application during the next filing-window period.

[1] Please refer to the Region 55 Bylaws, Article VI, for details addressing correspondences between the Committee and the Applicant.

7. Application Scoring Matrix

7. APPLICATION SCORING MATRIX

Implementing an evaluation matrix enables assigning each application a score that is the total number of the points awarded in seven categories. A maximum total score of 1000 points can be awarded, based on the Application Review Flowchart replicated in Figures 7-1 though 7-8. This flowchart details the sequence of events followed to determine an applicant's score and is discussed in the paragraphs that follow. Its symbols are defined in Appendix I.

First, the allocation is placed in the frequency pool (Block #1 in Figure 7-1). If frequencies are available in the pool (a second iteration of the evaluation matrix could occur if all frequencies are not allocated in the first iteration), a window-opening announcement is made (Block #2 in Figure 7-1). The window period will be thirty days (Block #3). Next, the Region 55 Technical Subcommittee reviews the received applications for completeness (Block #4). After the thirty days have passed, the window closes (Block #5). Late or incomplete applications are rejected (Block #6). Applications received during the open-window period are reviewed (Block #7) by the RPUC and the Region 55 Technical Subcommittee.

The Technical Subcommittee will consult with State communications-planning administrators, if any such positions are staffed, to determine if the application complies with State plans (Block #8). An application that does not comply with an existing State plan will be rejected at this point (Block #9) and returned to the applicant, along with an explanation of the reason(s) for rejection. When an application has passed the test of State plan compliance, the Technical Subcommittee will apply the evaluation matrix (as shown in Block #10, top of Figure 7-2).

Prior to allocating points for the seven categories, the evaluators conduct a needs-assessment review (Block #11) of the statement of needs for the requested frequencies provided by the applicant. This statement of need serves as an overview of the proposed system.

The seven categories of point awards are addressed in the seven subsections that follow.

7.1 Service (Category I, Block #12) - 350-point Maximum

Each of the eligible services has a predetermined point value, as seen in Table 7-1, which follows Figures 7-1 and 7-2. Entities eligible to utilize spectrum in the 769- to 775-MHz and 799- to 805-MHz bands are defined in the FCC Code of Federal Regulations (47CFR90.523) and (47CFR90.20) Title 47, Volume 5, Subpart R. The point value assigned in this category is a factor of the number of subscriber units per service category, operating in a multi-agency system. An applicant with multiple services will be scored on a basis of the percentage that each service comprises of its total system. For example, a system that is 50% police and 50% local government (school administration) would be awarded the total of 50% of the point value for police plus 50% of the point value for school administration. Please refer to Table 7-1, Evaluation Matrix Point Values for Service[1].

[1] Reference: FCC Code of Regulations (47CFR90.523 and 47CFR90.20), Title 47, Volume 5, Subpart R.

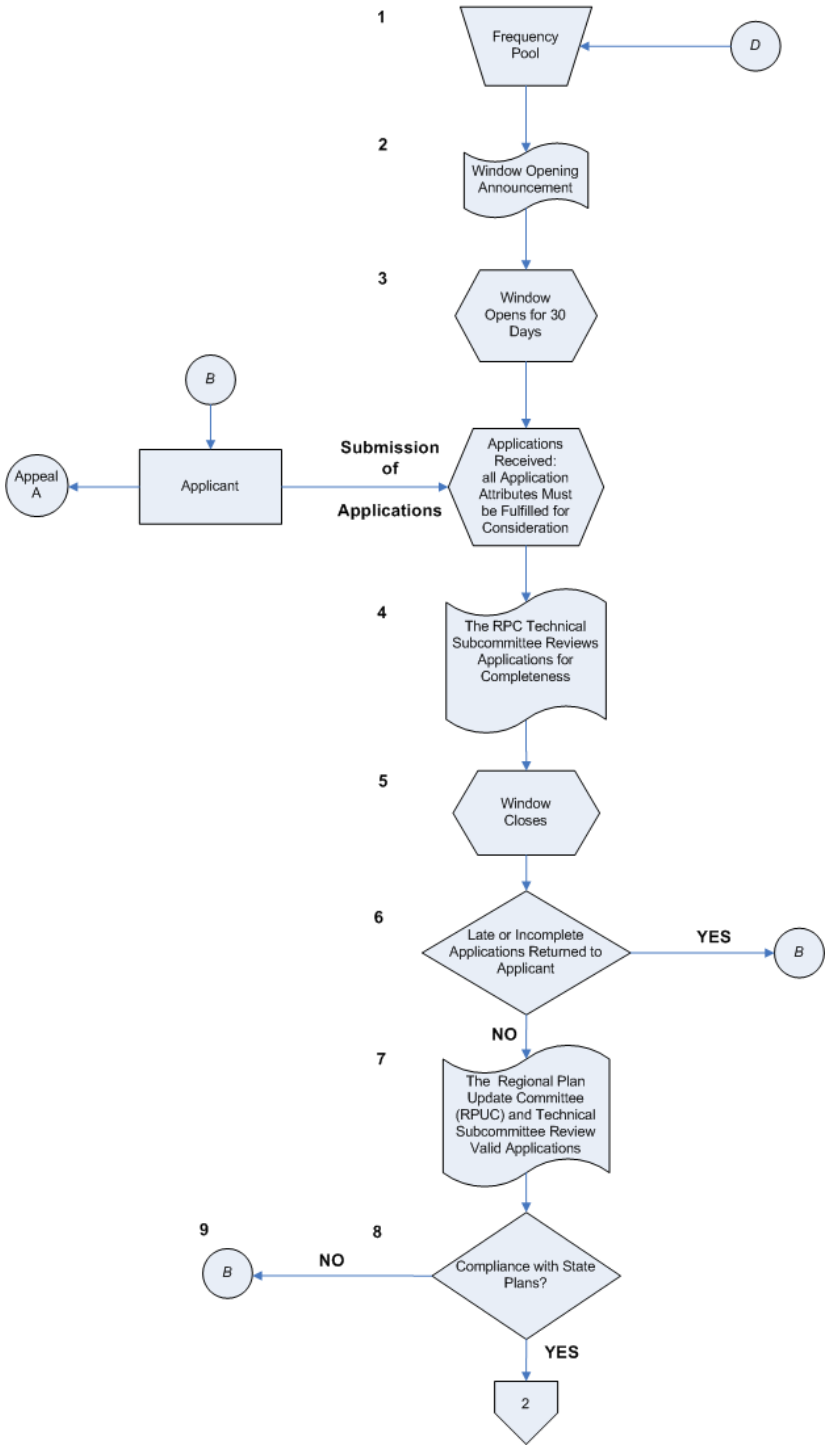

Figure 7-1, Application Review Flowchart - Page 1 of 8

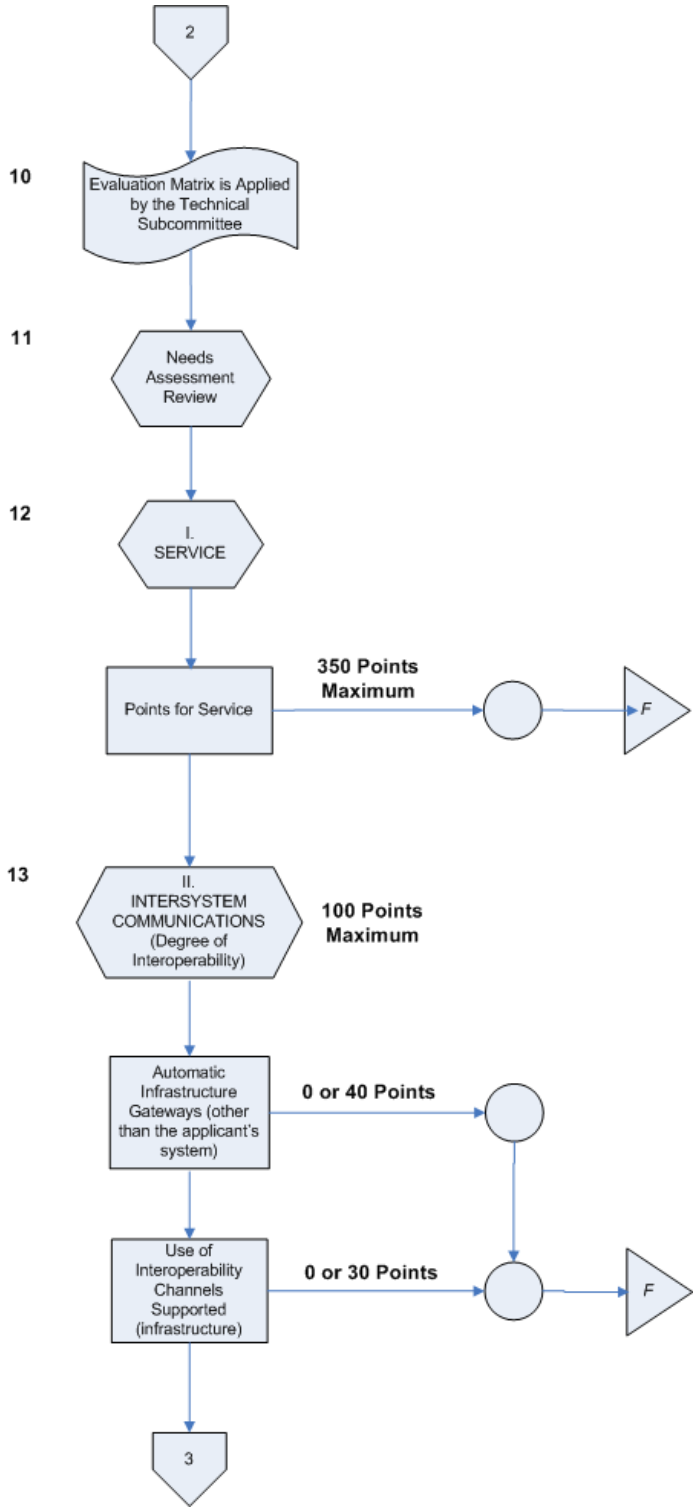

Figure 7-2, Application Review Flowchart - Page 2 of 8

Table 7-1, Evaluation Matrix Point Values for Service

Tier	Service Categories	Point Value
1	Fire	350
	Police	350
	EMS	350
	Rescue	350
2	Emergency Management	250
	Corrections	250
	Courts	250
	Transit Systems	250
	Highway	250
3	Beach Patrol (Special Emergency)	225
	Hospital (SE)	225
	Forest Fire (Special Emergency)	225
4	Communications Standby Facilities (Special Emergency, SE)	125
	Maintenance & Utility Boards - Government (Special Emergency - i.e., water, sewer, gas, electric)	125
	Other Government Agencies (e.g., building inspectors, elderly services)	125
	Disaster Relief Organizations (Special Emergency)	125
	Auxiliary Police (Special Emergency)	125
5	Security Patrol - Government (Special Emergency)	100
	Schools - Government, Districts - (Special Emergency - i.e., school buses)	100
	Veterinarians - Government (Special Emergency)	100
6	Partial Coach - Government (Special Emergency - transit systems)	75
	Physicians - Government (Special Emergency)	75
	Communications System Repair (Special Emergency)	75
7	Parks and Conservation – Government (exclusive of police, forest fire)	50
	Physically Disabled - Government (Special Emergency - i.e., personal alarm services)	50
8	Other (TBD)	25

7.2 Intersystem Communications (Category II, Block #13) - 100-point Maximum

The application (Block 13 in Figure 7-2) is scored — with a range of points from 0 to 100 — based on the degree of interoperability that is demonstrated. This category rates the application on the interoperability capabilities of the proposed system, the inclusion of the common interoperability channels, and the ability to communicate with different levels of government and services during times of emergency. Points are awarded based on the criteria weights in Table 7-2.

Table 7-2, Intersystem Communications Criteria and Weights

Interoperability Demonstrated	Point Value
Provides automatic infrastructure gateways (other than the applicant's system)	40
Use of interoperability channels is supported (infrastructure)	30
Provides console patches to other systems (other than the applicant's system)	10
Communicates with other systems with which the Agency holds mutual-aid agreements	10
All subscriber units have the tactical interoperability channels programmed within them	10
No interoperability or intersystem criteria information is provided	0

7.3 Loading (Category III, Block #14) - 150-point Maximum

As shown with Block #14 in Figure 7-3, applicants are scored on the number of subscriber units that will operate on each radio channel (the loading). The applicant shall receive a maximum score of 150 points in this category. For example, a proposed system that 1) has loading greater than or equal to 250 subscriber units, and 2) is an expansion of an existing 700-MHz and/or an 800-MHz system shall be awarded 150 points (sum of first and third lines in Table 7-3)

Table 7-3, Loading Criteria and Weights

Loading and Expansion Factors	Point Value
System loading is ≥ 250 subscriber units per radio channel	100
System loading is ≥ 200 but less than 250 subscriber units per radio channel	50
Expansion of an existing 700-MHz and/or 800-MHz radio system	50
System loading is ≥ 100 but less than 200 subscriber units per radio channel	10

7.4 Spectrum Efficient Technology (Category IV, Block #15) - 100-point Maximum

Category IV (Block #15 in Figure 7-4) scores the applicant on the degree of spectrum-efficient technology the system demonstrates. A point-value range of 0 to 100 points can be awarded for this category. A trunked system, an integrated voice and data system, and a system utilizing 6.25-kHz spectral efficiency are all considered to utilize spectrum-efficient technologies. The spectral efficiency for a voice or data channel is based on the throughput divided by the channel bandwidth.

Applicants shall be awarded a maximum of 100 points in this scoring category as per Table 7-4.

Table 7-4, Voice and Narrowband Data Technology Criteria and Weights

Technology Utilized	Point Value
Trunked system design	50
6.25-kHz effective spectral efficiency	50
Integrated voice and data system — voice system that integrates mobile data on the same channel(s)	50

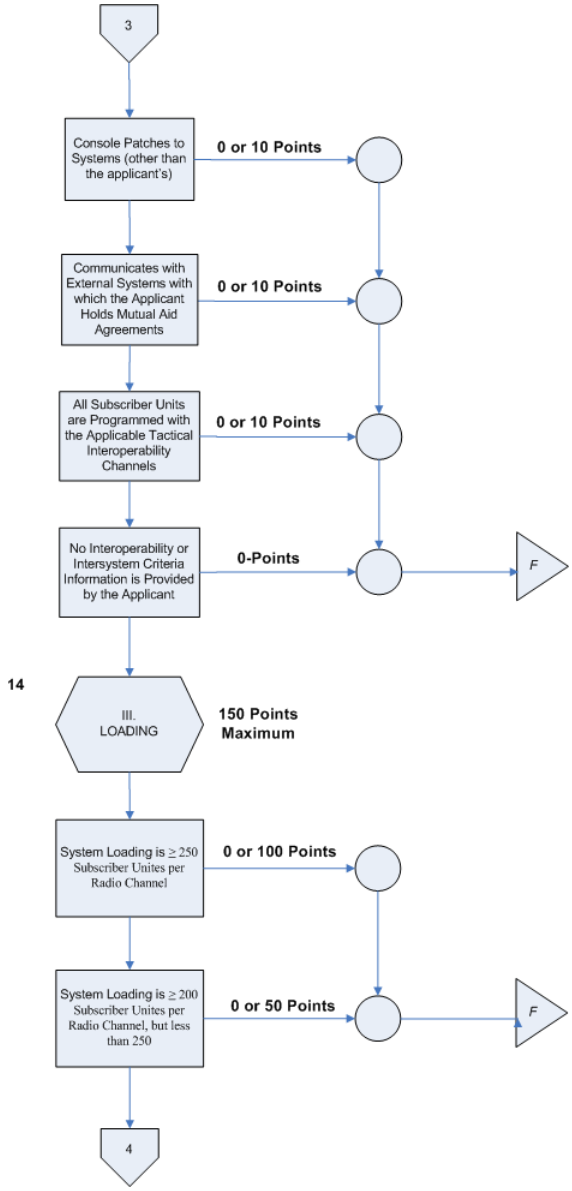

Figure 7-3, Application Review Flowchart - Page 3 of 8

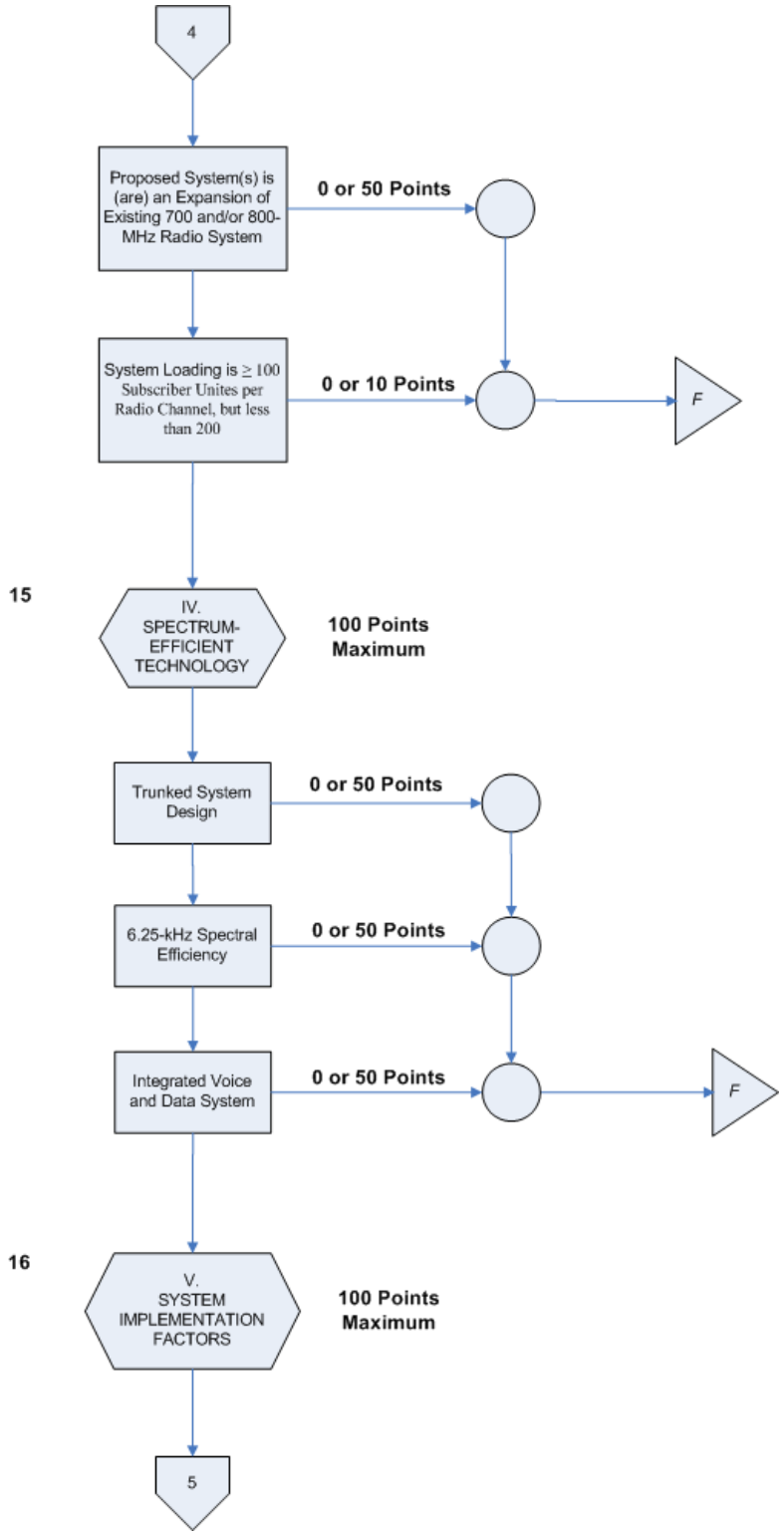

Figure 7-4, Application Review Flowchart - Page 4 of 8

7.5 Systems Implementation Factors (Category V, Block #16) - 100-point Maximum

Category V (Block #16, Figure 7-4) scores the applicant on two factors - budgetary commitment and planning completeness. The degree of budgetary commitment is scored on a range of 0 to 50 points (first line in Table 7-5). An applicant that demonstrates a high degree of commitment in funding the proposed system will receive a higher score. Each applicant will also be scored on the degree of planning completeness, with a scoring range of from 0 to 50 points (second line in Table 7-5). Applicants are required to submit evidence of financial and budgetary commitment and a timetable for implementing the communications system or systems.

Table 7-5, Planning for Implementation Criteria and Weights

Implementation Status	Point Value
Degree of budgetary commitment	50
Degree of planning completeness	50

7.6 Geographic Efficiency (Category VI, Block #17) - 100-point Maximum

Category VI (Block #17 in Figure 7-5) scores applicants on the level of geographic efficiency. Scoring in this category is based upon two subcategories: the ratio of subscriber units to area covered, and the channel reuse factor. The ratio of subscriber units to area covered measures the level of efficient coverage that a system demonstrates. The higher the ratio (subscriber units divided by square miles of coverage), the more efficient the use of the frequencies. For each application-filing window, the ratio of the number of subscriber units to jurisdictional area covered shall be normalized to a maximum of fifty (50) points (as per the first line in Table 7-6). This will be done by applying the Normalization Equation that follows Table 7-6.

The channel-reuse factor is defined as the number of times a channel is reused divided by the jurisdictional area covered. For each application-filing window, as per the second line in Table 7-6, the channel reuse shall also be normalized to fifty (50) points. This will be done by applying the Normalization Equation that follows Table 7-6.

Table 7-6, Geographic Efficiency Criteria and Weights

Geographic Efficiency	Point Value
Ratio of subscriber units to the jurisdictional area covered	50
Level of channel reuse throughout the jurisdictional area covered	50

<u>Normalization Equation</u>

A = Minimum point score = 0; B = Maximum point score = 50; x = Raw score;

Max(x) = Maximum raw score in the application filing window

Min(x) = Minimum raw score in the application filing window

Normalized score (x) = A + [(B-A)/(Max(x)-Min(x))] . [x-Min(x)]

Equation for normalization = 0 + [(50-0)/(Max(x)-Min(x))] . [x-Min(x)]

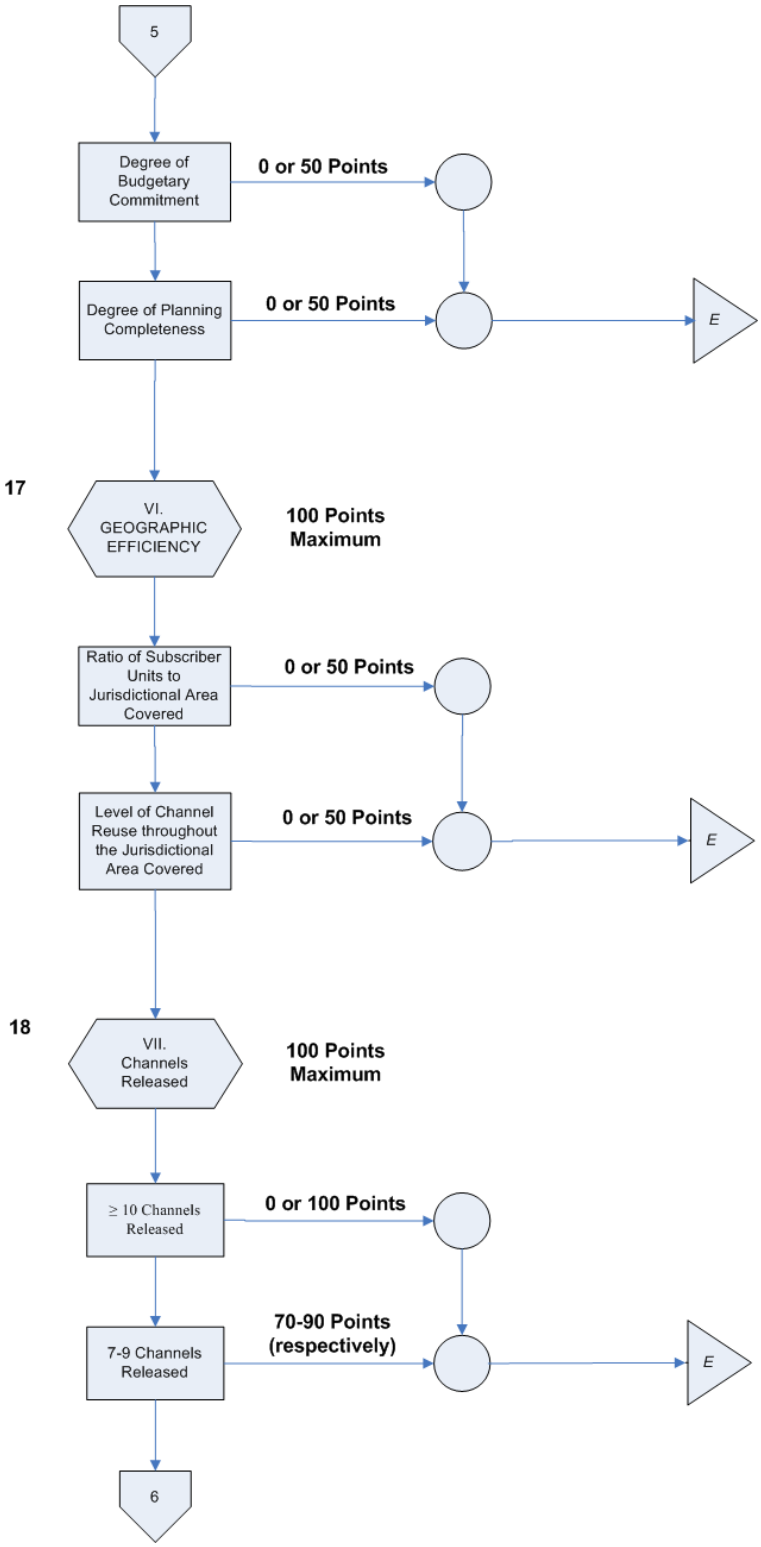

Figure 7-5, Application Review Flowchart - Page 5 of 8

7.7 Channels Released (Block #18) - 100-point Maximum

Category VII (Block #18 in Figure 7-5) evaluates the applicant on the number of radio channels[2] released if the 700-MHz application is granted to it. As demonstrated in Table 7-7, the greater the number of channels released, the higher the score that applicant shall be awarded.

The usability of the released radio channels will also be considered in the form of a multiplier ranging from 0.0 to 1.0. Radio channels with greater usability potential will earn the applicant higher points. The FCC-certified frequency coordinators or their representatives (i.e., APCO Local Frequency Advisor for central and northern New York) shall be responsible for evaluating the usability of any channel(s) released.

Table 7-7, Channel Criteria and Weights

Number and Usability	Point Value
Ten (10) or more channels given back	100
Seven (7) to nine (9) channels given back	70-90
Four (4) to six (6) channels given back	40-60
One (1) to three (3) channels given back	10-30
Usability of the channels by others (i.e., levels of interference, intermodulation, etc.)	0 - 1 (multiplier)

7.8 Final Processing Steps

As shown in Block #19 in Figure 7-6, points are totaled for each application.

Next, as per Block #20, the applicant's current frequency holdings (if any) are reviewed by the Committee.

Then, as per Block #21, the approved application scores are reviewed by the Committee to determine the proper application prioritization order.

Next, the frequency pool is allotted (Block #22 in Figure 7-7), and interregional concurrence occurs as necessary (Block #23, also in Figure 7-7). The Plan is then sent to the FCC for review and approval (Block #24). Upon acceptance by the FCC (Block #25), the RPC notifies (Block #26) the applicant of its channel allotment(s). The applicant shall file the station license(s) with its preferred frequency coordinator (Block #27), who coordinates with the FCC (Block #28).

---

[2] Released radio frequencies eligible for points:

VHF Low Band	25-50 MHz
VHF High Band	150-174 MHz
UHF Band	450-470 MHz/470-512 MHz (T-Band)
800 Band	806-821 MHz/851-866 MHz
NPSPAC Band	821-824 MHz/866-869 MHz

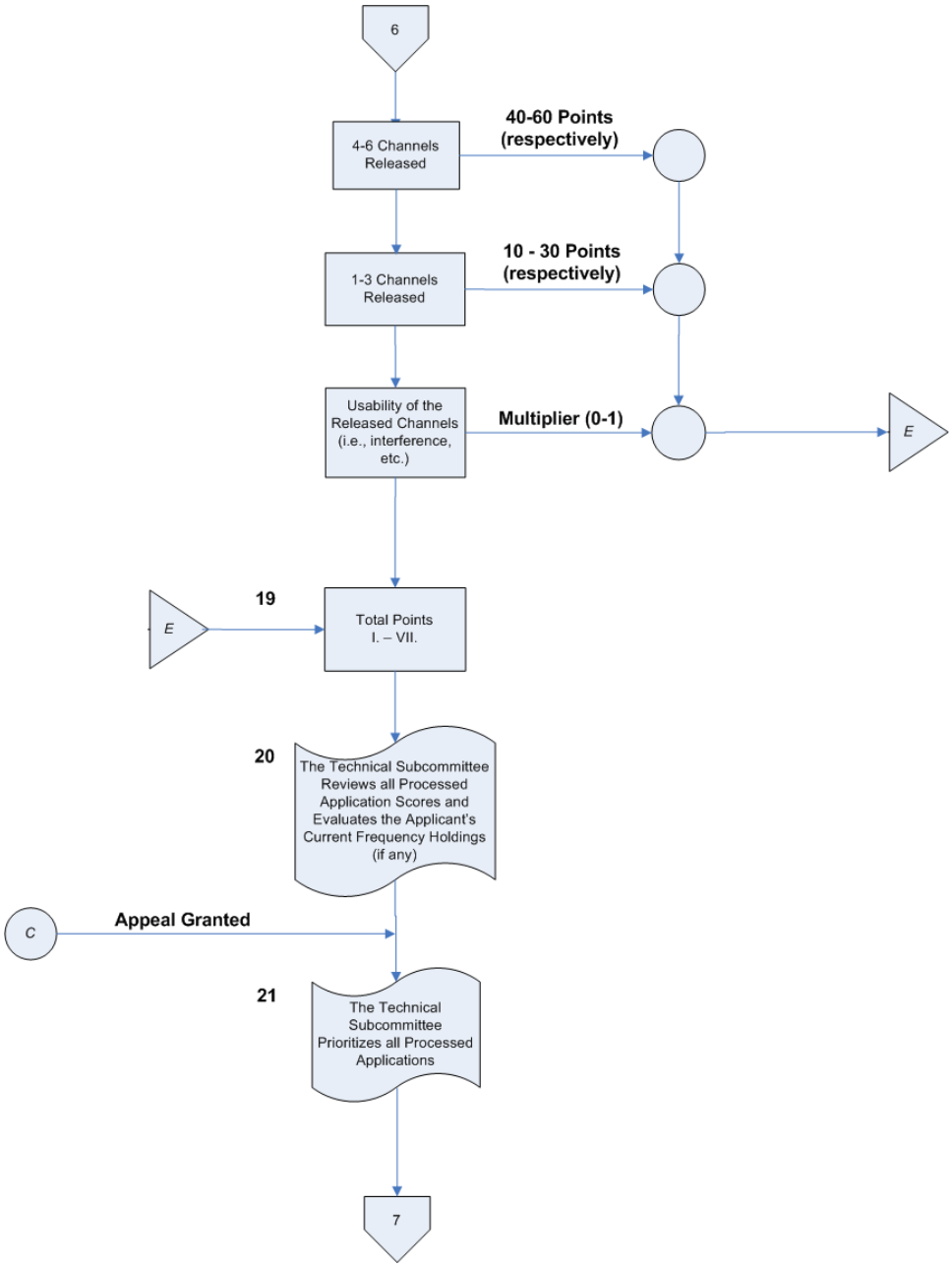

Figure 7-6, Application Review Flowchart - Page 6 of 8

Simultaneously, the applicant shall send a copy of its application to the RPC. Upon confirming that the application for license matches the application for channel allotment, the RPC shall submit a Regional Plan Control Number to the coordinator; and the Regional Plan, RPUC, and CAPRAD databases are updated. Finally, the FCC grants the license(s) to the successful applicant (Block #29 in Figure 7-7).

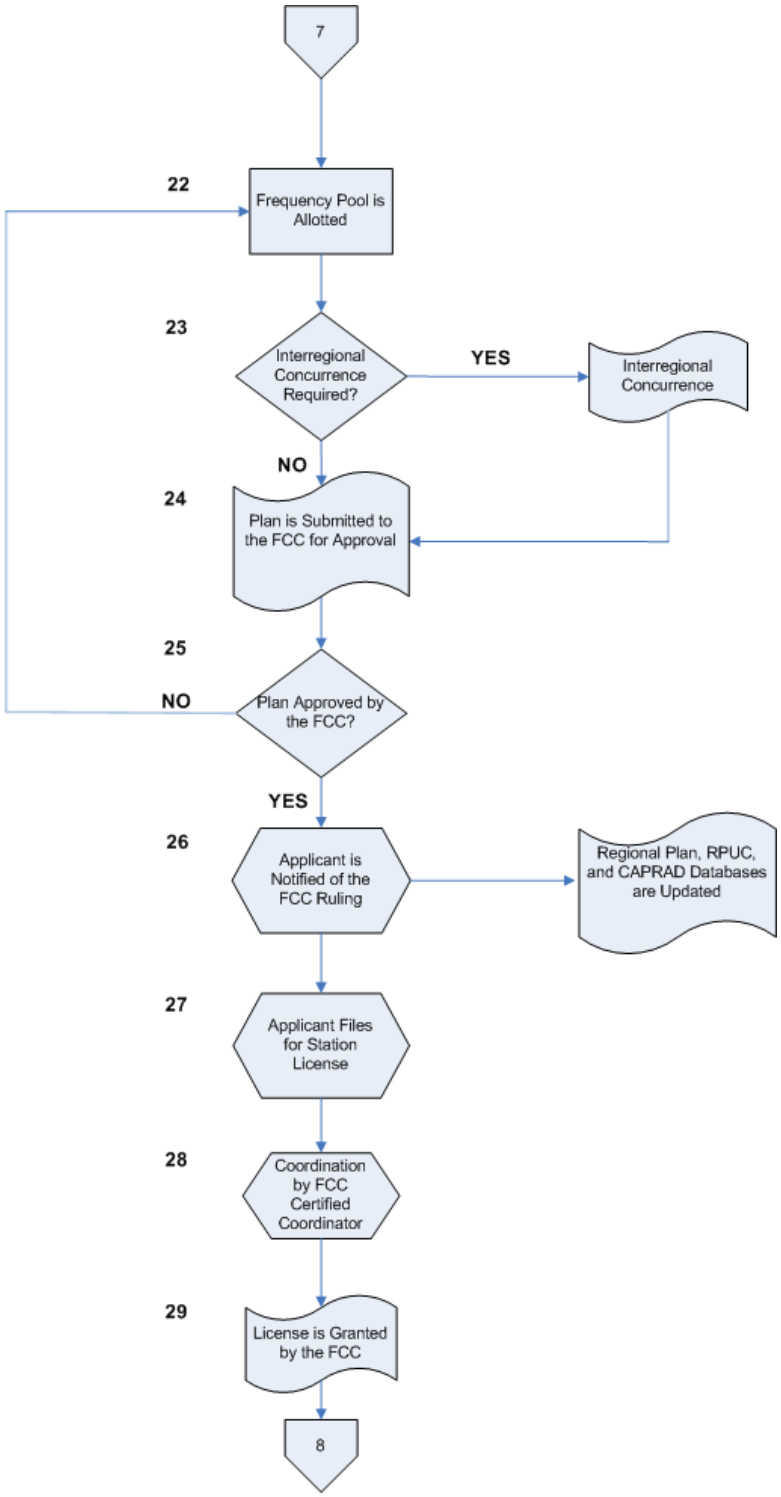

Figure 7-7, Application Review Flowchart - Page 7 of 8

7.9 Follow-up after Initial Approval

The FCC allows the applicant/licensee up to five (5) years to implement the system. Should system implementation not begin (by, at minimum, an award of contract) within a two-year period, or if the projected channel loading is not attained in accordance with the slow-growth plan, the channels will be returned for reallocation.

System implementation is monitored by the Region 55 Technical Subcommittee to determine if progress is being made (see Block #30 in Figure 7-8). Monitoring of system implementation by the Region 55 Technical Subcommittee will take place at a minimum of six-month intervals until implementation is complete. If progress is being made, the system is ultimately implemented (Block #32). If progress is not made, the applicant/licensee is warned of the potential consequences of its lack of progress (Block #31).

The Region 55 Technical Subcommittee continues to monitor progress on the implementation of the system. If monitoring indicates that progress is still not being made, the applicant/licensee is notified (Block #33) of pending action to withdraw the channel allotment(s). The notified applicant/licensee can request an extension (Block #34) of time from the RPC to complete its slow-growth plan or can allow the application to be cancelled (Block #35). If the applicant/licensee requests an extension, and the RPC agrees, a concurrence letter acknowledging the applicant's request will be produced by the RPC and sent to the FCC.

If the RPC grants an extension to the applicant/licensee, the system implementation monitoring process will continue and the activities in blocks #30 - #33 will reoccur. If the RPC does not grant an extension, the applicant/licensee and FCC will be notified (Block #36). The notified applicant/licensee can appeal this action or allow the license to be withdrawn (Block #37). If the allotted frequencies are withdrawn, they are added back into the frequency pool (Block #38) and the process begins a second iteration, starting back at Block #1.

If the applicant/licensee appeals the RPC's decision, the FCC appeal process will ensue (Block #39). If the FCC denies the appeal, the RPC and applicant/licensee will be notified (Block #40). If the FCC grants the appeal with channel-allotment changes, the process reverts to Block #22 (frequency pool is allotted). If there are no channel-allotment changes, the process reverts to Block #30 (system implementation is monitored by the RPC).

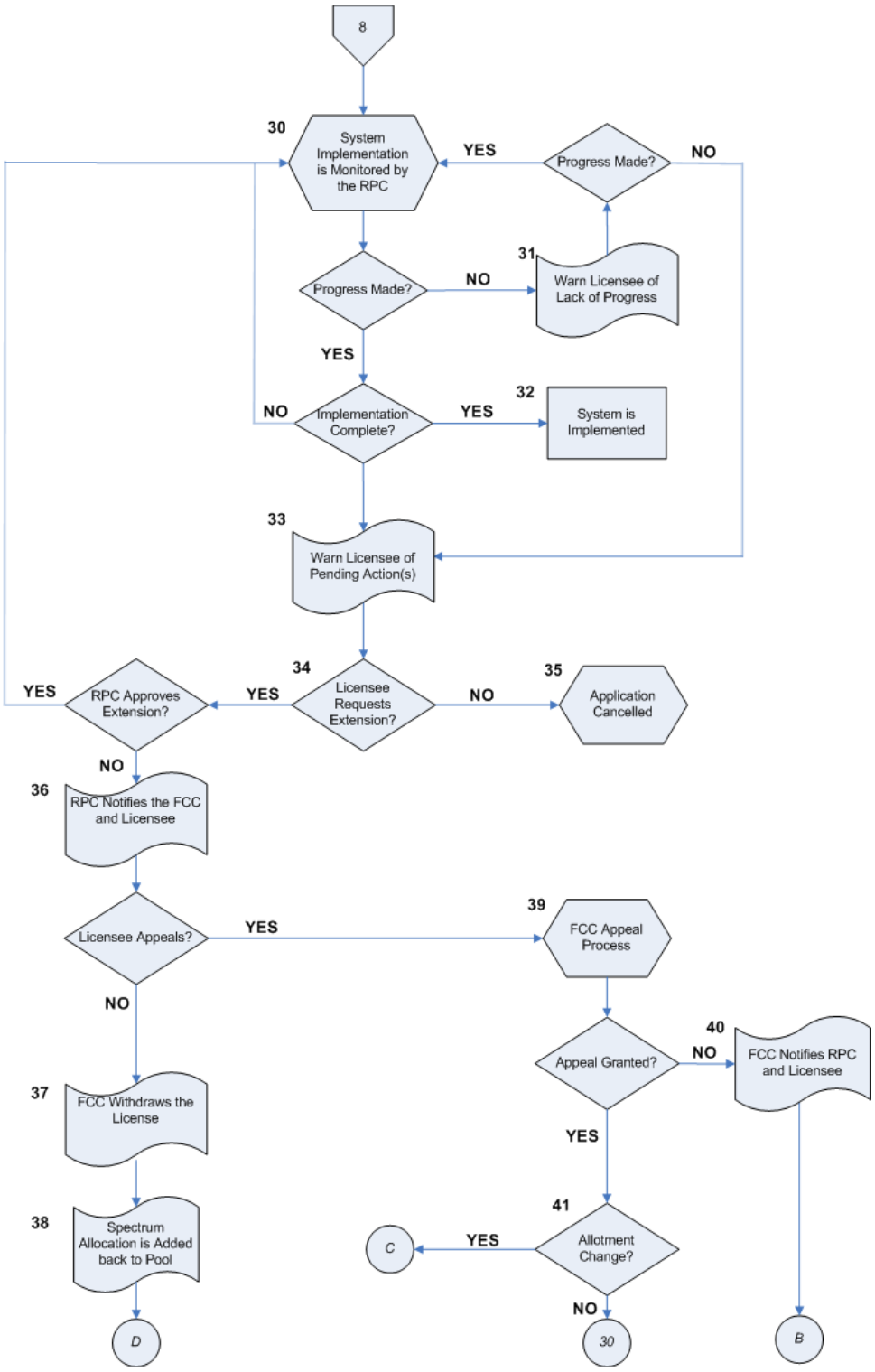

Figure 7-8, Application Review Flowchart - Page 8 of 8

8. Technical Evaluation

8. TECHNICAL EVALUATION OF APPLICATIONS

Complete application packages shall undergo technical review according to the procedures described in this section. Figure 8-1, which follows, provides an overview of the technical evaluation process, which considers numerous characteristics of each application. In order for an application package to pass the technical evaluation process, it must adhere to the following conditions:

1. The application package supplies the required technical parameters,
2. The application package is consistent with the repacked CAPRAD[1] 700-MHz National pre-allotment channel pool for Region 55 and/or an alternative approach acceptable to the RPC [2] (see Appendix H), and
3. The application package must protect licensed assignments (incumbents) and unlicensed allotments under past filing windows.

8.1 Stage I: Is the Application Complete?

All technical parameters must be populated to be processed. The RPC Secretary shall notify the applicant by U.S. certified mail with return receipt if the application package does not meet the requirements stated in this Plan.

8.2 Stage II: Consistent with the CAPRAD[1] 700-MHz National Pre-allotment Channel Pool?

Each application must be checked by the RPC 55 Technical Subcommittee to ensure that its acceptance would not cause harmful interference to existing licensed systems and allotments.

Where applicable, the Adjacent-Channel Coupled Power Ratio (ACCPR) will be computed for each application, compared to each incumbent.

Each application must be consistent with the CAPRAD 700-MHz National pre-allotment channel pool for Region 55. Any application packages that do not provide the appropriate pool protection as required in Section 9 will be returned to the applicant with information regarding other impacting applications. The applicant will be allowed thirty (30) days to respond.

[1] The channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007.
[2] During the term that such pool allotments are in effect. Please refer to Section 5, Procedure for Requesting Spectrum Allotments.

8.3 Stage III: Are there any Conflicts with Other Applications?

All application packages shall be evaluated and prioritized using the application-scoring matrix. If two or more applications are assigned identical scores, the RPUC shall — by consensus — order this group of applications relative to each other based upon subjective evaluation of the merits of each.

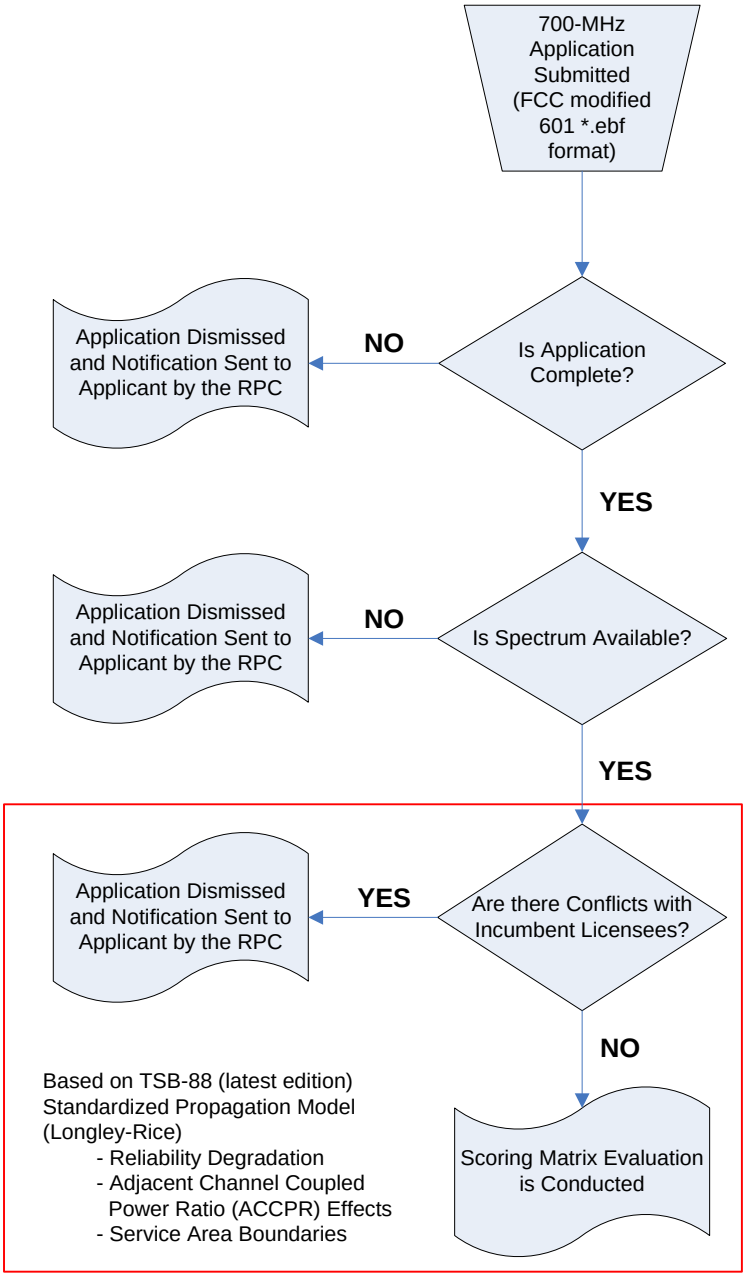

Figure 8-1, Overview of Technical Review Process

9. Interference Evaluation Procedure

9. Interference-Protection Criteria and System-Design Specifications

This section defines the interference-protection criteria, system-deployment constraints, and assumptions that Region 55 employs in its application-evaluation process.

9.1 Recommended System Reliability

It is recommended that proposed facilities in Region 55 be designed to provide 50 dBμ (-82 dBm) received-power levels for reliable portable-coverage operations, and 40 dBμ (-92 dBm) received-power levels for reliable outdoor mobile-coverage operations.

9.2 Coverage- and Interference-Prediction Methodology

Both TSB-88 (latest edition) and the Longley-Rice propagation model in median mode (50/50/50) shall be used to evaluate coverage and interference for proposed systems in Region 55. The Longley-Rice model is used because it is freely available in the public domain and has consistent implementations across propagation-modeling programs of different sources, unlike the Okumura-Hata-Davidson model. All radiated- and received-power levels are referenced to a dipole antenna. Please see Appendix F

9.3 Responsible Radiation Control and System Design

In order to promote responsible use of 700-MHz spectrum resources, all applicants are required to control unnecessary radio-frequency (RF) radiation. Therefore, for all proposed facilities within the Region, 80% of the 50 dBμ (-82 dBm) Protected Service Area (PSA) must lie within the jurisdictional boundary plus an eight-kilometer buffer zone. The 50 dBμ (-82 dBm) PSA shall be assessed using Longley-Rice analyses.

9.4 Pool-to-Pool Reliability Degradation Threshold

Applications for facilities that have been pre-allotted within the National Pool (in-pool assignments) are required to provide co- and adjacent-channel interference protection to other in-pool assignments.

Each in-pool application (which may consist of multiple facilities) must pose no more than 2.5% Area Reliability Degradation (ARD) at 90% reliability levels to any incumbent's protected service area. All facilities (including licensees and all approved allotments) in aggregate must pose no more than 5.0% cumulative area reliability degradation at 90% reliability levels to any incumbent's protected service area.

The process for determining ARD is as follows:

- Compute the baseline Longley-Rice 3-second (minimum) tile coverage for each incumbent (victim) co- and adjacent-channel licensee within its jurisdictional area.
- If any co- or adjacent-channel pool assignment remains unused, treat its jurisdiction/county as having ubiquitous 40 dBμ (-92 dBm) service levels.
- Co- or adjacent-channel pool licenses and or previously accepted facilities shall be protected based upon their facility-specific parameters.
- Evaluate the baseline total number of tiles within the victim jurisdiction that achieve 90% or greater reliability levels using TSB-88 (latest edition) in conjunction with parameters for Channel Performance Criterion (CPC), receiver noise floor, and log-normal standard deviation (σ).
- If any co- or adjacent-channel pool assignment remains unused, use the following as its deployed parameters:
  - Receiver Noise Floor = -124 dBm
  - CPC_f = 18 dB
  - σ = 7 dB
  - These, along with the 40 dBμ (-93 dBm at 800 MHz), give the following reliability throughout the service area:
    - $R^1 = 1 - Q^2[(-93\text{ dBm} - (-124\text{ dBm}) - 18\text{ dB})/7\text{ dB})] \sim= 97\%$
- Once a facility-specific application has been granted, the baseline area reliability for co- or adjacent-channel pool licenses and or previously accepted facilities shall be evaluated based upon these facility-specific parameters.
- Evaluate the received-power levels of all proposed facilities at all tiles within the victim jurisdictional area. Combine these into an equivalent interferer using the process outlined in TSB-88 (latest edition).
- Re-evaluate the total number of tiles within each victim jurisdiction that achieve 90% or greater reliability levels, considering the effects of all proposed facilities.

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[1] R = Reliability in decimal, converted to percent.

[2] Marcum's Q-function represents the cumulative area under a Gaussian distribution curve:

$$Q_1(a,b) = \int_b^{\infty} x \cdot \exp\left[\frac{-\left(x^2 + a^2\right)}{2}\right] \cdot I0(a \cdot x)\, dx$$

The ARD is defined as one minus the ratio of the number of tiles at 90% reliability (or greater) considering proposed facilities and the baseline number of tiles at 90% reliability (or greater).

9.5 Outside-to-Pool Reliability Degradation Threshold

Applications for facilities that have not been pre-allotted within the National Pool (outside-pool assignments) are also required to provide co- and adjacent-channel interference protection to other in-pool assignments.

Each outside-pool application (which may consist of multiple facilities) must pose 0% ARD at 90% reliability levels to any incumbent's protected service area. ARD is computed as was outlined in Section 9.4.

This reliability-degradation threshold also applies to Region 55 in-pool assignments that are proposed outside of their National Pool county area, but allowed under the Region 55 plan as described in Section 5, Procedure for Requesting Spectrum Allotments.

9.6 Evaluation of Adjacent-Channel Effects

The evaluation of adjacent-channel interference will follow Sections 9.1 through 9.5, except that the effective radiated power of the proposed stations shall be de-rated to account for Adjacent-Channel Coupled Power Ratio (ACCPR) effects. Please refer to Table 9-1, for the appropriate ACCPR values; note that the channel bandwidth should be larger than the technology-specific emissions bandwidth.

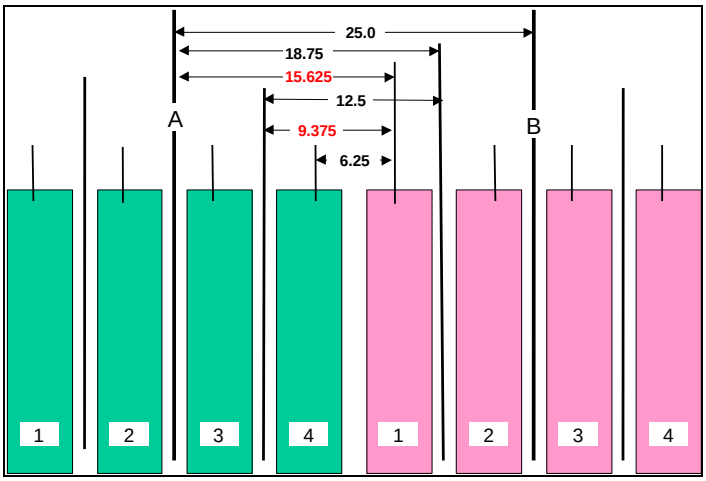

Figure 9-1, Potential Frequency Separations[3]

[3] Adopted from the National Coordination Committee, "Pre–Assignment Rules and Recommendations," July 2002.

Table 9-1, Adjacent-Channel Coupled Power Ratio Values[4]

Case	Spacing	ACCPR
25 kHz to 25 kHz	25 kHz	65 dB
25 kHz to 12.5 kHz	18.75 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

[4] Adopted from the National Coordination Committee, "*Pre-Assignment Rules and Recommendations*," July 2002.

10. Administration of the Low-Power Channels Subject to Regional Planning

10. Administration of the Low-Power Channels Subject to Regional Planning

Purpose

The purpose of this section is to provide guidelines relative to the use of the Low-Power 700-MHz[1] channels under the authority of the RPC as defined by 47 CFR §90.531(b)(3).

Eligibility

The following entities are eligible to use low-power channels under the control of the Regional Planning Committee pursuant to 47 CFR §90.523(a) and (b):

A) *State or local government entities*

Any territory, possession, state, city, county, town, or similar state or local governmental entity is eligible to hold authorizations in the 769-775-MHz and 799-805 MHz frequency bands.

B) *Nongovernmental organizations*

A nongovernmental organization (NGO) that provides services, the sole or principal purpose of which is to protect the safety of life, health, or property, is eligible to hold an authorization for a system operating in the 769-775-MHz and 799-805 MHz frequency bands for transmission or reception of communications essential to providing such services if (and only for so long as) the NGO applicant/licensee:

1) Has the ongoing support (to operate such system) of a state or local governmental entity whose mission is the oversight of or provision of services, the sole or principal purpose of which is to protect the safety of life, health, or property;
2) Operates such authorized system solely for transmission of communication essential to providing services the sole or principal purpose of which is to protect the safety of life, health, or property; and
3) Accompanies all applications it submits with a new, written certification of support (for the NGO applicant to operate the applied-for system) by the state or local governmental entity referenced in paragraph (b)(1) of this section.

[1] On July 31, 2007, the FCC adopted the Second Report and Order (FCC 07-132) relocating the narrowband portion of the 700-MHz public-safety communications band to 769-775 MHz and 799-805 MHz.

Low-Power 700-MHz Channel Use

Frequencies will be used in a simplex or repeater mode as specified within this provision of the Region's Plan for 700-MHz channels. The Plan will combine two (2) channels as contained in 47 CFR §90.531(b)(3) to yield a 12.5-kHz simplex operating frequency. In the repeater mode, four (4) 700-MHz channels shall be combined to yield a 12.5-kHz transmit and a 12.5-kHz receive frequency.

Use within the Region

The low-power 700-MHz frequencies are limited to transmissions with effective radiated power (ERP) of no more than two (2) watts and designated for use for on-scene incident response purposes. These frequencies can be used at the broad discretion of first responders in one of two methodologies — direct radio-to-radio / simplex operation or as low-power technology requiring a repeater capability. Communications of a personal, non-official purpose are prohibited.

Modulation

Pursuant to 47 CFR §90.535(a), operation on these channels may utilize digital or analog modulation. Analog operations will utilize the 11K0F3E emission type.

Licensing and Programming of Frequencies

Use of these channels is subject to an FCC license. Eligible licensees must first apply to the RPC for use of these channels. An application to the RPC shall consist of a statement of intended use and area of use. A request for application window and service scoring shall not be required. Due to their low power and mobile/portable nature, a limited potential for interference is anticipated. However, all users must recognize that these channels are not reserved for any specific licensee.

Use Assignments

Tables of repeater, subscriber, and direct or simplex assignments follow as Table 10-1. These assignments notate specific frequencies reserved for vehicle repeaters, EMS, fire, public works and law-enforcement users.

Frequency Table

The lower frequency shall be used for the Repeater transmitter frequency or direct (simplex) frequency, while the upper channel is employed for mobile/portable transmissions.

Table 10-1, Repeater Service Assignments

Use	Repeater Transmit or Direct (Simplex) Channels	Repeater Receive Channels
Vehicle Repeater	1-2	961-962
Vehicle Repeater	3-4	963-964
Vehicle Repeater	5-6	965-966
Vehicle Repeater	7-8	967-968
All Eligible Users	949-950	1909-1910
Law	951-952	1911-1912
Fire	953-954	1913-1914
EMS	955-956	1915-1916
Public Works	957-958	1917-1918

11. TV/DTV Interference Protection

11. TV/DTV INTERFERENCE PROTECTION

In accordance with the Code of Federal Regulations Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services, Section 90.545, the RPC shall ensure that all existing analog television stations and digital television stations[1] shall be awarded adequate interference protection from public-safety radio systems operating in the 769- to 775-MHz and 799- to 805-MHz bands.

[1] TV channels: 62, 63, 64, 65, 67, 68, and 69.

12. Frequency Coordination

12. PROCEDURE FOR FREQUENCY COORDINATION

Region 55 prefers to adhere to the 700-MHz General Use channel-allotment pool and shall process all new applications for General Use spectrum using the CAPRAD system[1] and expects applicants will follow Section 5, Procedure for Requesting Spectrum Allotments. Appendix H contains the CAPRAD allotments.

After the application is approved by the Committee using the application-scoring matrix and technical-review procedures, the Region 55 CAPRAD manager shall enter and save the applicant's FCC 601 form(s) into the System. Please see Figure 12-1, which follows.

Next, CAPRAD will electronically send the application to the applicant's preferred FCC-Certified FCC Coordinator. (Please see Figure 12-1.) At this time, the CAPRAD system will change the status of the frequency allotments to "pre-license." The licensing process will then follow the application-scoring matrix flowchart beginning with block #24.

[1] The channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options.

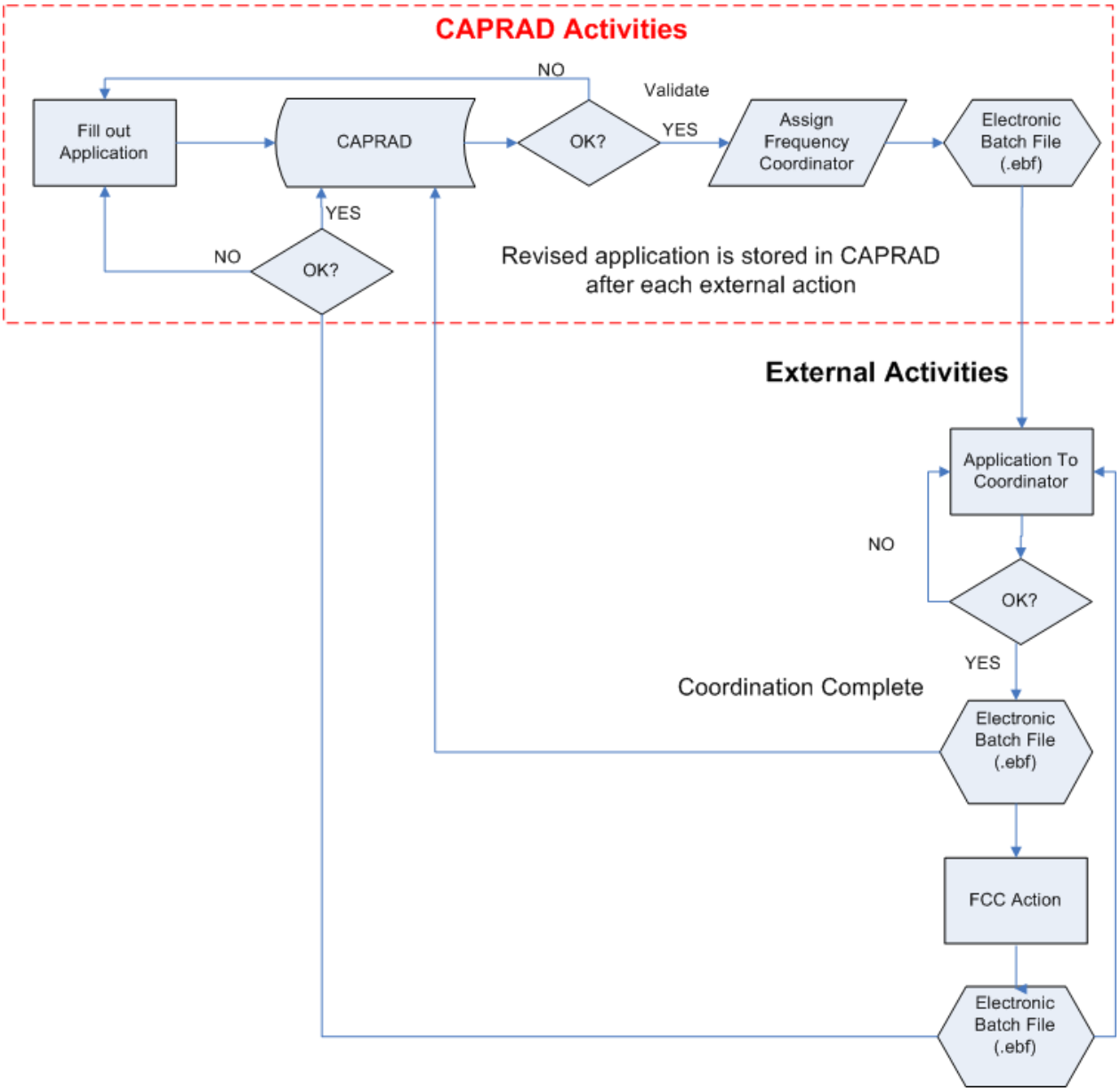

Figure 12-1, Frequency-Coordination Process[2]

[2] Adopted from the CAPRAD 700 MHz Users Guide, version 1.4.

13. Adjacent Region Coordination

13. ADJACENT-REGION COORDINATION

Regional Planning Committee 55 shall contact the chairpersons of the adjacent Regions[1] to coordinate the status of their respective plans. Before submitting the Region 55 - 700-MHz Plan to the FCC, Region 55 shall gain the concurrence of each adjacent region.

Proposed facilities within 70 miles to the border of regions adjacent to Region 55 that may cause interference to radio systems shall be coordinated with the applicable adjacent region(s). Regions adjacent to Region 55 are Regions 28, 30, 33, 36. Region 28 is composed of Ohio State. Region 30 is composed of the central New York Counties. Region 33 is composed of Eastern Pennsylvania, Delaware, and southern New Jersey. Region 36 is composed of western Pennsylvania, and Region 55 is composed of western upstate New York. The contacts for these regions appear on the FCC Wireless Telecommunications Bureau Website at:

http://www.fcc.gov/pshs/

[1] An adjacent region is defined as an FCC RPC that physically borders RPC 55 and/or those RPCs within seventy (70) miles of a RPC 55 border.

14. Deployable Trunked Channels

14. Administration of the Deployable Trunked Channels

Purpose

The purpose of this section is to provide guidelines relative to the use of the deployable trunked radio channels, as set aside by the FCC and recommended by NPSTC.

Eligibility

The following entities are eligible to use deployable trunked system channels pursuant to 47 CFR §90.523(a) and (b):

A) *State or local government entities*

Any territory, possession, state, city, county, town, or similar state or local governmental entity is eligible to hold authorizations in the 769-775-MHz and 799-805 MHz frequency bands.

B) *Nongovernmental organizations*

A nongovernmental organization (NGO) that provides services, the sole or principal purpose of which is to protect the safety of life, health, or property, is eligible to hold an authorization for a system operating in the 769-775-MHz and 799-805 MHz frequency bands for transmission or reception of communications essential to providing such services if (and only for so long as) the NGO applicant/licensee:

1) Has the ongoing support (to operate such system) of a state or local governmental entity whose mission is the oversight of or provision of services, the sole or principal purpose of which is to protect the safety of life, health, or property;
2) Operates such authorized system solely for transmission of communication essential to providing services the sole or principal purpose of which is to protect the safety of life, health, or property; and
3) Accompanies all applications it submits with a new, written certification of support (for the NGO applicant to operate the applied-for system) by the state or local governmental entity referenced in paragraph (b)(1) of this section.

700-MHz Deployable Trunked Channel Use

Frequencies will be used in a simplex or repeater mode as specified within this provision of the Region's Plan for 700-MHz channels. The Plan will combine two (2) channels as contained in 47 CFR §90.531(b)(3) to yield a 12.5-kHz simplex operating frequency. In the repeater mode, four (4) 700-MHz channels shall be combined to yield a 12.5-kHz transmit and a 12.5-kHz receive frequency.

Use within the Region

Communications of a personal, non-official purpose are prohibited.

Modulation

Operations on these channels will be Project-25 digital only. Due to the limited number of national channels available in Canadian Sharing Sector 2, Project 25 Phase 2 (TDMA) will be utilized whenever possible. However, deployable assets should maintain Phase 1 compatibility to permit talk group operations on Phase 1 if subscriber units require it.

Licensing and Programming of Frequencies

Use of these channels is subject to an FCC license. Eligible licensees must first apply to the RPC for use of these channels. An application to the RPC shall consist of a statement of intended use and area of use. A request for application window and service scoring shall not be required.

Use of these channels must adhere to the standards and guidelines developed by NPSTC and NRPC.

Use Assignments

A table of the repeater assignments follows as Table 14-1.

Repeater Operation

The lower frequency shall be used for the Repeater transmitter frequency, while the upper channel is employed for mobile/portable/control station transmissions.

Table 14-1, Repeater Service Assignments

Deployable Trunked Channel	Repeater Transmitter Channels
A	37-38
B	61-62
C	117-118[1]
D	141-142[1]
E	883-884[2]
F	939-940[3]

[1] Channel is United States secondary in Canadian Sharing Sector 2
[2] Designated Primary Control Channel
[3] Designated Alternate Control Channel

15. Former Reserve Channels

15. Administration of the Former Reserve Channels

Purpose

The purpose of this section is to provide guidelines relative to the use of the channels that were formally held in reserve by the FCC.

Use within the Region

The former Reserve channels, listed in table 15-1 below, are available to applicants in the Region as equivalent to, and now included as, General Pool channels. This list does not include those former Reserve channels that have been designated for deployable trunked systems, as described elsewhere in this plan document. The channels in table 15-1 will be used ONLY after the applicant has determined that no other General Pool channels are available for licensing. Due to the limitations placed on the Canadian Sharing Zone, preference will be given to applicants in that area. All other application and plan requirements, process and guidelines remain in effect.

Table 15-1, Former Reserve Channels

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

Appendix A
Committee Members Contact List

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Adolf, Dave	Program Manger	Harris Corp.	dadolf@harris.com	1681 University Ave, Rochester, NY 14607	(434) 851-3063	√
Adolf, John		Erie County Emergency Services	John.Adolf@erie.gov	3359 Broadway, Cheektowaga NY 14227	(716) 681-6070	
Agostinelli, James	Technical Specialist	Kimball	agostj01@lrkimball.com	328 Innovation Blvd. Suite 222, State College, PA 16803	(814) 495-0879	√
Aiple, Scott	Electrical Engineer	Erie County Water Authority	saiple@ecwa.org	3030 Union Road, Buffalo, NY	(716) 685-8225	
Alverson, Tom		Microwave Data Systems			(585) 242-8327	√
Andrycha, Bob	Radio supervisor	Buffalo Fire Department	randrycha@bfdny.org	332 Ellocott St. Buffalo NY 14203	(716) 851-4184 Ext 260	
Banker, Dale	Dir. Of EM/Fire Coord.	Orleans Co.	dale.banker@orleansny.com	14064 W Countyhouse Rd, Orleans NY 14411	(716) 589-4414	
Barbato, Robert	Director	NYS-DHSES-OIEC				
Barron, Iran		800 TA	ibarron@baselinetelcom.com	3323 Arapahoe Road, Suite 315, Bulder, CO	(303) 444-1480	
Barton, Robert	Police Officer	Holley Police Department		8-10 Thomas St., Holley, NY 14470	(585) 638-5308	
Bastedo, George	Operations Officer	Wayne County Emergency Management			(315)-946-5663	
Beaty, Tom	Captain	Niagara County Sheriff				

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Becker, Joseph		RCC Consultants	jbecker@rcc.com	165 N Water St, Rochester, NY 14604	(585) 482-7060	√
Benson, Tom	Program Manger	Harris Corp.	tbenson@harris.com	1681 University Ave, Rochester, NY 14607	(585) 241-8371	√
Bowman, Steve	Public Safety Director	Monroe County	sbowman@monroecounty.gov	50 West Main Street, Suite 4119, Rochester NY 14614"	(585) 753-3015	
Bradley, Mike	Sergeant 911 Coordinator	Livingston County	mbradley@co.livingston.ny.us	4 Court Street, Geneseo, NY 14454	(585) 243-7145	
Burrows, Donald	Communication Technician	Niagara County	donald.burrows@niagaracounty.com			
Case, Richard	Sales	United Radio	dcase@unitedradio.com	5703 Enterprise Pkwy. E. Syracuse, NY 13057	315-445-3281	√
Chafin, Keith	Regional Account Executive, Government Markets	Data Radio		1110 Gleaves Glen Dr., Mount Juliet TN 37122	(615) 754-9801	√
Cianfrini, Mark	NYSP Troop A Comm. Supervisor	NYSP	mark.cianfrini@troopers.ny.gov		716-864-6523 585-344-6264	
Clark, Terence	President	Twin City Ambulance		1001 Erie Avenue, North Tonawanda, NY 14120	(716) 692-2342 Ext. 124	
Clark, Tom		Ontario County				
Coyne, Thomas	Captain of Communication	Buffalo Fire	tcoyne@bfdny.org	332 Ellicott Street Buffalo, NY, 14203	(716) 851-4184 Ext 259	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Cruikshank, Bob	Sales	Motorola	bob.cruikshank@motorola.com	9 Hazelnot Lane, Londmderry, NH 03053	(617) 312-2682	√
DeChick, Stephen	Chief Dispatcher	Ontario County 911	stephen.dechick@co.ontario.ny.us	75 Ontario St, Canandaigua, NY 14424	(585) 394-4560	
Delaney, Matthew	Radio Engineer	NYS DHSES OIEC	matthew.delaney@dhses.ny.gov	State Office Campus Building 7A; 1220 Washington Avenue, Albany NY 12242	(518) 322-4910	
DeWolf, Greg	911 Operations Manager	Wayne Co.	gdewolf@co.wayne.ny.us	7336 Route 31, Lyons, NY 14489	(315) 946-5711	
DiMarco, Karen	Account Manager	Motorola	karen.dimarco@motorolasolutions.com	117 Woodside Drive, Penfield, NY 14526	(585) 383-1873	√
DiQuattro, Kristin	Assistant	USLicensing	kristin@4fcchelp.com			√
DiRaimo, Sal	Engineer	Harris Corp.	sdiraimo@harris.com	555 Fifth Ave, 7th Floor, New York,NY 10017	(315) 756-6667	√
DiSanto, Dan	911 Technology Coord.	Wayne Co.	ddisanto@o.wayne.ny.us	7336 Rt.31, Lyons NY 14489	(315) 946-5719	
Edward, Jeff	Senior Communication Technician	Ontario County Sheriff 9-1-1	edwardat@co.ontario.ny.us			

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Esford, Michael	Manager, Rail Maintenance	Niagara Frontier Transportation Authority (NFTA Serving Buffalo Niagara)	michael_esford@nfta.com	164 Ohio Street, Buffalo, NY 14203	(716) 842-3501	
Farrel, Marie	Public-sector Accounty Manager - Buffalo/Rochester, New York	Sprint Nextel	marie.farrel@sprint.com			√
Fowler, Tim	Rebanding Stratigist	Motorola	c6528c@motorolasolutions.com	9 Hillside Ave Mahwah, NJ 07430	(201) 819-3446	√
Gates, Michael	Emergency Manager	Seneca Nations of Indians	mike.gates@sni.org	12837 Route 438 Irving, NY 14081	(716) 532-4900 Ext. 5090	
Gerace, Joseph	Sheriff	Chautauqua County	jg@sheriff.us			
Glascott, John	Captain	Cheektowaga Police Department				
Goldstein, James	Director, Government Affairs spectrum	Sprint Nextel	james.goldstein@sprint.com	2001 Edmund Halley Drive, Reston, VA 20191	(703) 433-4212	√
Grochowski, Steven	T/S6T	New York State Police	sgrochow@troopers.state.ny.us	4525 West Saile, Batavia, NY 14020	(716) 864-6632	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Grube, Joseph	Captain – Catt. Co. Sheriff's Office Comm. Div. -Retired	Wilmac Co.-Consultant	jgrube@wilmacco.org	301 Court Street, Little Valley NY 14755	(585) 465-3783	√
Guedko, Larissa	Radio Engineer	NYS DHSES OIEC	lguedko@dhses.ny.gov	1220 Washington Ave. Building 22, Albany NY 12226	(518) 322-4912	
Hall, Russ	9-1-1 Coordinator	Allegany County	hallr@alleganyco.com	7 Court Street, Room 7, Belmont NY 14813	(585) 268-5290	
Harloff, Jeff	Director	Ontario County	jeff.harloff@co.ontario.ny.us	2914 County Road 48 Canandaigua, NY 14424	(585) 396-4310	
Harper, Mike	Project Manager	Kimball	MIKE.HARPER@lrkimball.com	437 Grant St. Pittsburg, PA 15219	(412) 418-8474	√
Harvey, Thomas	Associate Planner, Communications Project Manager	Ontario County Planning Department	thomas.harvey@co.ontario.ny.us	20 Ontario Street, Canandaigua, NY 14424	(585) 396-4455	
Heimann, Farris	Sheriff	Wyoming County	fheimann@wyomingco.net			
Henry, Leo R.		Tuscarora Nation			(716) 622-7061	
Henry, Murray	9-1-1 Coordinator	Ontario County	murraygh@co.ontario.ny.us		(585) 396-4658	
Herbst, Jim	Assistant Director	Monroe County Public Safety Communications	jherbst@monroecounty.gov		(585) 428-5146	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Himelwright, Russell		Kimball	RUSSELL.HIMELWRIGHT@lrkimball.com			√
Hopkins, David	911 Director	Stuben County Office of Emergency Management - 911	davidh@co.steuben.ny.us	3 East Pulteney Square, Bath NY 14810	(607) 664-2991	
Hughes Kevin C.	Public Safety Communication	Public Safety Communications. Erie County Central Police Services	hughesk@erie.gov	45 Elm Street Buffalo NY 14203	(716) 858- 4832	
Jae, Robert S.	9-1-1 Coordinator	Wyoming County	911coordinator@wyomingco.net			
John, Martin		Seneca Nation			(716) 945-2779	
John, Michael A.	Conservation Director	Seneca Nations of Indians	snicona@windstream.net	P. O. Box 213 Salamanca, NY 14779	(716) 474-7595	
Johnson, Craig		Monroe County	cjjohnson@monroecounty.gov		(585) 528-2200	
Jones, Robert	Sales	Harris Corporation	rjones52@harris.com		(607) 287-8712	√
Kane, Kevin	Director, Business Development	Harris Corporation	kkane@harris.com	1680 University Avenue, Rochester, NY 14610	(585) 241-8405	√

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Kennedy, Bill		Schuyler Emergency Management Office	bkennedy@co.schuyler.ny.us			
Kerr, Doug	Public Safety Marketing Director	Carlson Wireless	dkerr@carlsonwireless.com	1180-B Evergreen Road Redway, Ca 95560	(707) 433-2477	√
Keyes, Michele	Disaster Preparedness Co-Ordinator	Seneca Nations of Indians	michele.keyes@sni.org	12837 Route 438 Irving, NY 14081	(716) 532-4900 Ext. 5024	
Kowalski, Paul	Supervisor, Capital Project	Niagara Frontier Transportation Authority (NFTA Serving Buffalo Niagara)	paul_kowalski@nfta.com	104 Ohio Street, Buffalo, NY 14203	(716) 842-3508	
Lang, Russ	Communications Coordinator	Genesee County	rlang@co.genesee.ny.us	165 Park Rd, Batavia, NY 14020	(585) 345-3000 Ext. 3415	
Lee, James	9-1-1 Coordinator	Wayne County	jlee@co.wayne.ny.us		(3155) 946-5712	
Leonard, Tom	Radio Engineer	New York State Police	tleonard@troopers.state.ny.us	NYSP Communications, 1220 Washington Avenue, Building 22, Albany NY 12226-2252	(518) 372-5392	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Leone, Julius	Emergency Service Director	Chautauqua County Office of Emergency Management	leone@chautcofire.org	2 Acadamy St.	(716) 753-4341	
Litchfield, Wayne	Orleans County Dispatcher	County of Orleans	litchfieldw@orleansny.com	13925 Route 31, Albion, NY	(585) 589-5527	
Lombardo, Michael	Commissioner Buffalo Fire	Buffalo Fire	mlombardo@bfdny.org	195 Court Street Buffalo, NY, 14202	(716) 851-5333 Ext 355	
Lombardo, Scott A.	Captain	Niagara county sheriffs Department				
Maney, Brian	Senior Dispatcher	Ontario County 912	brian.maney@co.ontario.ny.us	76 Ontario St, Canandaigua, NY 14424	(585) 394-4561	
Manion, Robert	Senior Engineer	New York State Technology Enterprise Corp. (NYSTEC)	manion@nystec.com	52 Geiger Road Rome, NY 13441	(315) 334-7823	
Mann, William	Director of Emergency Communications	Livingston Co.	wmann@co.livingston.ny.us	4 Court Street, Geneseo, NY 14454		
Marshall, Tim	Acting Director	Steuben Co. OEM	tim@co.steuben.ny.us	3 E. Pulteneys Bath NY 14810	(607) 664-2700	
Mattingly, Erik	Project Eng. Rebanding	Motorola	erik@hicaps.com	8929 Willow Trace Ct., Apex, NC 27539	(336) 510-998	
McElroy, Steve	Director of Sales	CALAmp Corp.	smcelroy@calamp.com	6160 P'Tree …Atlanta, GA 30328	770-331-0043	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Merklinger, John	911 Director	Monroe County	jmerklinger@monroecounty.gov		(585) 528-2207	
Mezger, Paul	Communications Engineer	Buffalo Fire Department - Communications Division	pmezger@bfdny.org	332 Ellicott Street Buffalo, NY, 14203	(716) 851-4184 Ext. 257	
Morgan, Joel	Engineer	Harris Corp.	jmorga19@harris.com	1680 University Ave, Rochester, NY 14607	(585) 242-4689	√
Ness, Lynn	Senior Consultant	Deloitte Consulting, (TA)	lness@deloitte.com	8136 Canbury Cove E, Germantown, TN 38138	(901) 598-8917	√
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Perkins, Gary	APCO Frequency Coordinator	Greece Ambulance	usl607@gmail.com	607 El Mar Drive,Rochester NY 14616-1035	(585) 490-1658	
Pesesky, Thomas	Deputy Dir.	Chemung Co. Emergency Management	tpesesky@co.chemung.ny.us	103 Washington St. PO Box 588 Elmira, NY 14902-0588	(607) 737-2928	
Pietricone, Frank	Senior Communication Technician	Niagara County Police Department	pietricone@niagarafallsny.gov			
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Pugliese, David	Chief of Police	East Rochester Police Department	dpugliese@eastrochester.org		(585)586-4399	
Reger, James	Fire & ES Coord. Wyoming County	Wyoming County		Wyoming Co. PSB, 151 North Main Street, Warsaw NY 14569	(585) 786-8867	
Roche, Chief Thomas J. (Retired)	Communications Advisor	NYS Chief of Police, Inc.	troche@rochester.rr.com	28 Kingswood Drive, Rochester, NY 14624-3339	(585) 426-1877	
Rose, Dennis	Program Manger	Harris Corp.	prose02@harris.com	9 Pine Hill Bend, Ballston Lake, NY 12015	(518) 423-8883	√
Roth, Nate	Senior Communication Officer	Ontario Co.	nathanieljr@co.ontario.ny.us	74 Ontario St, Canandaigua, NY 14424	(585) 394-4560	
Ryan, Tim	Cummunications Supervisor	Niagara Frontier Transportation Authority (NFTA Serving Buffalo Niagara)	timothy_ryan@nfta.com	1581 Michigan Avenue, Buffalo, NY 14209	(716) 881-4712	
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Santoro Anthony	Director	Wyoming County	asantoro@wyomingco.net	Wyoming Co. PSB, 151 North Main Street, Warsaw NY 14569	(585) 786-8867	
Satter, Virginia	Principal Administrator-Central Police Services	Monroe County	vsatter@monroecounty.gov	50 West Main Street, Suite 4109, Rochester NY 14614"	(585) 753-3019	
Seekins, Scott D.	Detective Lieutenant	Lockport Police Department	lkptcop@yahoo.com			
Sharpe, Steven	Director of Emergency Communications - Region 55 Chairperson	Genesee County	ssharpe@co.genesee.ny.us	165 Park Road. Batavia, NY 14020	(585) 345-3000 Ext. 3400	
Smith, Michael S.	Director	Chemung county Office of Fire and emergency Management	msmith@co.chemung.ny.us	103 Washington St. Elmira, NY 14902-0588	(607) 737-2096	
Smith, Sandra	Chief dispatcher	Yates County sheriffs Department	ssmith@yatescounty.org			
Speidel, Bob		Tyco Electronics – M/A-Com			(434) 455-9465	√

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Sprague, Michael	Director	Stuben County Office of Emergency Management	mikes@co.steuben.ny.us	85 Geneva Street, Bath, NY 14810	(607) 664-2700	
Stritzinger, Pete	Radio System Manager - Region 55 Vice Chairperson	Carlton Fire Co.	Peter.stritzinger@iberdrolausa.com	400 West Ave, Rochester NY, 14611	(585) 724-8956	
Stroh, Gregory	Radio Technician	Erie County Emergency Services	strohg@erie.gov	Chestnut Ridge Park, Orchard Park NY 14127	(716)662-5009	
Suitor, James	Chief of Police	Town of Niagara				
Sullivan, Daniel	Senior Manager, Business Development	Harris Corporation	daniel.sullivan@harris.com	1680 University Avenue, Rochester, NY 14610	(585) 354-7681	
Szkolnik, Paul	Sergeant	NYS Park Police	paul.szkolnik@oprhp.state.ny.us	6105 E Seneca Turnpike, Janesville, NY	(315) 498-9027	
Telford, Richard	Sergeant	Chautauqua County Sheriff	telford@sheriff.us			
Thomas, Ed		Ontario County 911	edwardat@co.ontario.ny.us		(585) 394-4560	
Tillman, Dave	Undersheriff	Ontario County	david.tillman@co.ontario.ny.us	74 Ontario St, Canandaigua, NY 14424	(585) 596-4622	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Trusso, Matthew	Communications Project Coord.	Chautauqua County Office of the Sheriff – Technical Services Division	trusso@sheriff.us	15 E Chautauqua St, P.O. Box 128, Mayville NY 14757-0128	(716) 753-4615	
Tucker, John	Director of Emergency Services	Allegany County Emergency Services	tuckerj@alleganyco.com			
Turner, Allen	Communication Coordinator	Orleans County Sheriff	aturner@orleansny.com		(585) 590-4171	
Tuttle, Chris	Region II Coordinator	DHS/OEC	christopher.tuttle@hq.dhs.gov			
Tyler, Thomas	Account Executive	Data Radio	tthomas@calamp.com	6160 Peachtree Dunwoody Rd, Suite C-200, Atlanta, GA 30328	(687) 608-4742	√
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Verdouw, Rich	Communications Director	Monroe County	rverdouw@monroecounty.gov	Public Safety Communications, 1530 Highland Avenue, Rochester NY 14618-1004	(585) 428-5146	
Wagner, Paul	Director	Orleans Emergency Management Office	pwagner@orleansny.com	14064 W. County House Road Albion, New York 14411	(585) 589-4414	

Name	Title	Organization	E-Mail Address	Work Address	Phone	Non-Voting Member
Warden, Randy	911 Dispatcher	Livingston Co.	lwarden@co.livingston.ny.us	4 Court St., Geneseo, NY	(585) 243-7100	
Webster, Rick		United Radio	rwebster@unitedradio.com		(315) 445-3260	√
Whittington Jr. Gerard J.	Public Safety Communications	Public Safety Communications. Erie County Central Police Services	whitting@erie.gov	45 Elm Street Buffalo NY 14203	(716) 858-4799	
Willis, Jeff		Ontario County	jwillis@fingerlakescomm.com	305 Clark St, Auburn, NY 13021	(315) 252-9478	
Wojcik, John J	Senoir Project Manager	Niagara Frontier Transportation Authority (NFTA Serving Buffalo Niagara)	john_wojcik@nfta.com	181 Ellicott Street, Buffalo, NY 14203	(716) 885-7427	
Wojewoda, John	Communications Technician	Niagara Falls Police Department	john.wojewoda@niagarafallsny.gov	520 Hyde Park Blvd, Niagara Falls, NY 14301	(716) 280-4529	

Appendix B – Attendance Roster
(Pre-FCC Approval of RPC Plan)

Name	Title	Organization	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008
Adolf, John	Coordinator, A.L.S. Systems	Erie County Emergency Services	√	√	√	√	√		√		√	√		√	√		√	√	√	√
Alverson, Tom		Microwave Data Systems					√													
Andrycha, Bob	Radio Supervisor	Buffalo Fire Department															√		√	√
Bowman, Steve		Monroe County			√			√		√			√			√				
Bradley, Mike		Livingston County			√		√	√												
Case, Richard	Sales Manager	United Radio																√		
Cecula, John	Captain	Buffalo Fire Department														√				
Chafin, Keith	Regional Account Executive, Government Markets	Data radio					√													
Cimo, Anthony	Research Engineer	Syracuse Research Corporation – Systems Technology Center											√							
Clark, Tom		Ontario County				√														
Cook, David A.	Chief: East Greenbush Fire Company & FCC Region 30 Chairman	East Greenbush Fire Company					√													
Coyne, Thomas	Captain of Communications	Buffalo Fire Department												√		√	√		√	√

Name	Title	Organization	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008
Delaney, Matthew	Radio Engineer	New York State CIO/OFT									√	√	√	√			√			
DiMarco, Karen		Motorola						√	√					√			√		√	√
Dusha, Toby		New York State CIO/OFT					√													
Dzissah, Kwasi	Engineer	NYSTEC								√	√	√	√	√		√	√			√
Flaherty, Thomas	Captain	Erie County Sheriff		√		√	√	√	√					√	√	√				
Fowler, Tim	Rebanding Strategist	Motorola												√			√	√		
Gajewski, Paul	Deputy Director – Law Enforcement Communications	Erie County Central Police Services		√	√	√	√	√	√	√			√	√	√	√	√		√	√
Gates, Michael	Emergency Manager	Seneca Nation of Indians												√						
Grube, Joseph	Captain – Communications Division	Cattaraugus County Sheriff's Office	√	√	√	√	√	√	√	√	√	√		√	√			√		
Guedko, Larissa	Radio Engineer	New York State CIO/OFT																		√
Hamilton, Mack		Integrated Systems							√											
Hanloff, Jeff		Ontario County			√	√														
Henry, Leo R.		Tuscarora Nation		√			√													
Henry, Murray		Ontario County			√															
Herbst, Jim		Monroe County Public Safety Communications				√	√		√											
John, Michael A.	Conservation Director	Seneca Nation of Indians			√									√						
Johnson, Craig		Monroe County					√	√												
Kerr, Doug		Carlson Wireless					√													

Name	Title	Organization	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008
Keyes, Michele	Disaster Preparedness Coordinator	Seneca Nation of Indians												√						
Lang, Russ	Communications Coordinator	Genesee County		√																
Leonard, Tom	Radio Engineer	New York State Police	√							√									√	√
Leone, Julius	Emergency Services Director	Chautauqua County Fire Department														√				
LePage, Travis	Project Engineer, MBA, PMP	NYSTEC		√	√	√	√	√	√		√	√	√	√	√				√	
Litchfield, Wayne	Orleans County Dispatcher	Orleans County								√							√			
Lombardo, Michael	Commissioner	Buffalo Fire Department												√					√	
Manion, Robert	Senior Engineer	NYSTEC		√	√	√	√													
Martinez-Bradwell, Maribel		R&J Telecom, Inc.	√																	
Megger, Paul	Communications Engineer	Buffalo Fire Department																		√
Merklinger, John		Monroe County 911					√	√												
O'Hara, Sean	Business Area Mgr - Analysis, Communications, and Collections Systems	Syracuse Research Corporation (NYS)	√						√	√		√	√	√	√			√		
O'Hare, Dave		Integrated Systems							√											
Opee, Beatrice	Engineer	NYSTEC		√	√				√	√			√						√	
Perkins, Gary	APCO Frequency Coordinator	Monroe County	√	√	√	√	√		√				√							
Phillips, Steve	Police Officer & Technology Liaison Officer	Peel Regional Police Brampton, Ontario, Canada																√		

Name	Title	Organization	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008
Pierce, Robert	COS	Seneca Nation																√		
Pugliese, David	Chief of Police	Monroe County											√	√	√	√			√	√
Reese, David	Engineer	NYSTEC							√											
Rinehart, Bette		Motorola	√																	
Roche, Chief Thomas J. (Ret)	Project Coordinator	New York State CIO/OFT		√		√				√			√		√	√			√	√
Satter, Virginia	Principal Administrator - Central Police Services	Monroe County		√	√			√	√	√		√	√			√		√		
Schlieman, Robert F.	Project Manager - Engineering	New New York State CIO/OFT	√	√	√	√		√	√		√	√	√	√			√	√		
Sharpe, Steven	Director of Emergency Communications	Genesee County Sheriff						√	√		√			√			√	√	√	√
Smith, Dan		L.R. Kimball & Associates					√													
Speidel, Bob		Tyco Electronics					√													
Stein, Joe		Tyco Electronics										√								√
Stile, Vincent	Project Assistant	New York State CIO/OFT																	√	
Stolzman, David	Senior Radio Technician	Erie County Emergency Services	√		√	√	√		√											
Stritzinger, Pete		Orleans County			√		√	√	√		√	√	√			√	√	√	√	√
Thomas, Ed		Ontario County 911				√														
Thomas, Tyler	Account Executive	Dataradio														√				

Name	Title	Organization	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008
Trusso, Matt	Radio Officer	Chautauqua County Office of the Sheriff – Technical Services Division	√	√	√			√	√		√	√	√		√	√	√	√	√	√
Verdouw, Rich	Communications Director	Monroe County	√	√	√	√	√		√			√	√	√	√	√	√		√	√
Volkosh, James	Niagara County Fire Coordinator - Director of Emergency Services & 9-1-1 Coordinator	Niagara County		√														√		
Wagner, Paul		Orleans Emergency Management Office			√			√						√			√			√
Walters, Mike	Commissioner	Erie County Emergency Services		√																
Webster, Rick		United Radio					√													
Whittington, Gerard J. Jr.		Erie County Central Police Services – Public Safety Communications													√					
Williams, Doug		Tyco Electronics					√													
Willis, Jeff		Ontario County				√														
Wojewoda, John	Communications Technician	Niagara Falls Police Department															√			

Appendix C
PSR55 Population Data and Maps

County	Year 2000 Population	Year 2000 Population per Square Mile
Allegany	49,927	48.5
Cattaraugus	83,955	64.1
Chautauqua	139,750	131.6
Chemung	91,070	223.1
Erie	950,265	910
Genesee	60,370	122.2
Livingston	64,328	101.8
Monroe	735,343	1,115.3
Niagara	219,846	420.4
Ontario	100,224	155.5
Orleans	44,171	112.9
Schuyler	19,224	58.5
Seneca	33,342	102.6
Steuben	98,726	70.9
Wayne	93,765	155.2
Wyoming	43,424	73.2
Yates	24,621	72.8

(Data Source: U.S. Census Bureau, 2000)

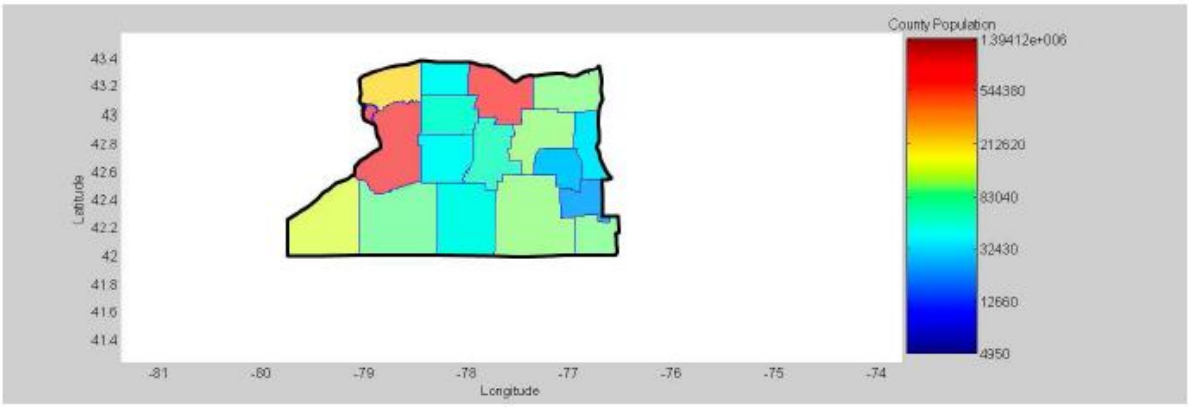

Figure C-1, Population by County in Thousands

(Data Source: U.S. Census Bureau, 2000)

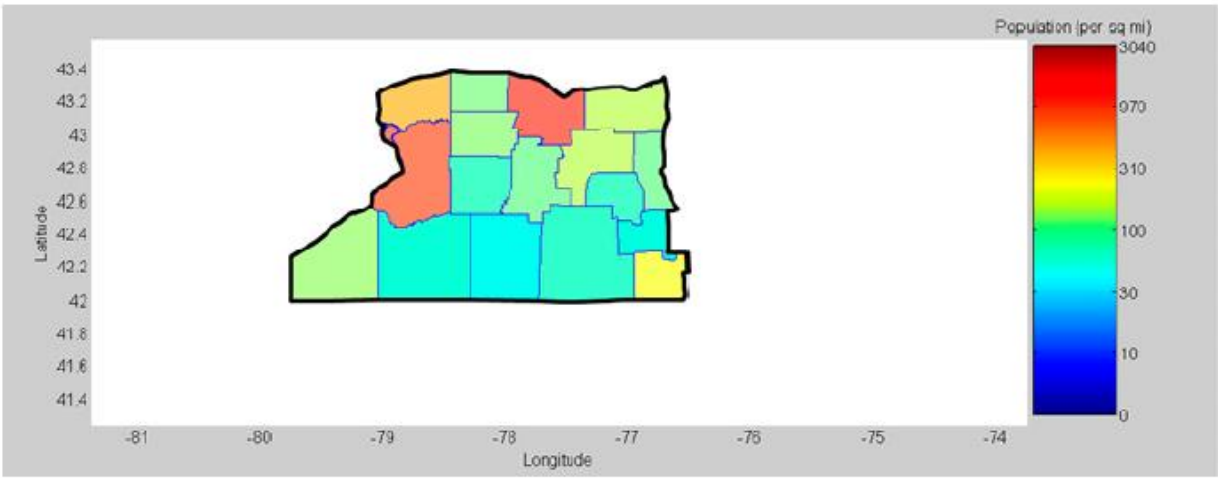

Figure C-2, Population Density per Square Mile

(Data Source: U.S. Census Bureau, 2000)

Appendix D
Application Package Checklist

As described in, Section 6, Appendix G, Service Area Boundary Form, it is the applicant's responsibility to submit a complete application package to the RPC for evaluation. Applications may be dismissed and returned to the applicant if required information is not provided. The applicant will then have the option to complete and resubmit the application during the next filing window period.

Please refer to Table D-1 for the items that constitute a complete application package.

Table D-1, Application Package Checklist

√	Item
	Completed FCC 601 form(s).
	Completed supplemental application requirements (please refer to Appendix E, Supplemental Application Requirements).
	Completed Antenna Pattern Information Form for each antenna configuration employed (with azimuth and elevation patterns). Please refer to Appendix F, Antenna Pattern Information Form.
	Completed Service Area Boundary Form (please refer to Appendix G, Service Area Boundary Form).
	Signed Memorandum of Understanding (MOU) agreeing to implement system as proposed (please refer to Appendix N, Memorandum of Understanding).
	Coverage and interference prediction exhibits using Longley-Rice and adhering to the guidelines in TSB-88 (latest edition). Please refer to Section 9 for further details.
	One (1) hard copy of the complete application package (please refer to Section 6).
	One (1) electronic copy[1] of the complete application package (please refer to Section 6).

[1] Unless otherwise specified, the acceptable format will be CD-ROM or DVD-ROM and USB-Flash Drive Other formats may be accepted upon written approval of the RPUC Chair.

Appendix E
Supplemental App. Requirements

Applicants must complete and provide the following supplemental information as part of their application package. In their responses, applicants should ensure that they address each of these questions in sufficient detail to allow for a matrix evaluation as detailed in Section 7, Application Scoring Matrix. Incomplete responses shall directly result in a loss of points during the matrix-scoring process.

1. Explain why the 700-MHz General Use spectrum is needed and what public safety service(s) is (are) supported by the system(s).
2. Indicate the proposed system's degree of interoperability.
3. Indicate the system's loading capacity (the number of subscriber units per radio channel). This explanation shall include proposed system loading, including an inventory by service category. The applicant shall also specify the anticipated subscriber unit growth.
4. Specify the system configuration/design (simulcast, multicast, or stand alone/repeater).[1]
5. Indicate the spectral efficiency and gross data throughput vis-à-vis the channel bandwidth (if applicable) of the technology (trunking, 6.25 kHz, integrated voice and data system).
6. Explain any budgetary commitment and provide documentation indicating agency funding is sufficient to fund the development of the proposed system(s).
7. Explain the level of planning completed for the proposed system(s) and provide a timetable for implementing the communications system or systems.
8. Indicate the geographic efficiency of the proposed system(s) (ratio of subscriber units to area covered and level of channel reuse).
9. Indicate if any current channel holdings will be released if the application is granted and justify the retention of any presently licensed frequencies.
10. Explain how the system will interface with long-distance radio communications such as Amateur Radio, satellite communications, and/or long-range emergency preparedness communications systems.[1]
11. Indicate the transmit location (above ground, underground, or in-building).[1]
12. Indicate the system modulation type (FDMA, TDMA, OFDM).[1]
13. Provide details of all existing channels used by the applicant within 70 miles of the proposed system.[1]
14. If spectrum identified by the applicant does not conform to the CAPRAD pre-allotment channel plan, supply engineering exhibits demonstrating that the pre-allotment channels can be preserved if the application is granted by the Committee.

[1] Not assigned a point value in the application-scoring-matrix evaluation.

Appendix F
Antenna Pattern Information Form

This form must be completed using the Region 55 Antenna Pattern Information Form (refer to Table F-1 and F-2). Please visit the RPC 55 CAPRAD application modulate or contact the Region 55 Secretary to obtain an electronic version of the form.

Instructions:

Please complete this form in full for each unique fixed-facility transmit antenna configuration (Antenna Number on the Form 601 Schedule-H) employed within the application. Be sure to include both the vertical and horizontal patterns with all gain units in dB and normalized to zero dBd at the main lobe.

This information supersedes the Schedule-H antenna information fields: Azimuth, Beam width, Polarization, and Gain.

Horizontal Antenna Pattern:

Horizontal antenna pattern from 0º to 360º degrees, with 0º and 360º referenced at true North, and numbered clockwise (CW).

Vertical Antenna Pattern:

Elevation antenna pattern from -180º to +180º with 0º referenced at the horizon.

Table F-1, Horizontal Antenna Pattern

Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Table F-2, Vertical Antenna Pattern

Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
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Appendix G
Service Area Boundary Form

This form must be completed using the Region 55 Service Area Boundary Form (please refer to Table G-1. Please visit the RPC 55 CAPRAD Application Module or contact the Region 55 Secretary to obtain an electronic version of the form.

Instructions:

This worksheet provides the service area boundary information required by the RPC for all applications for 700-MHz utilization. The applicant should select EITHER a county (or state) boundary from the drop-down list OR enter latitude and longitude values in decimal degrees corresponding to the boundary. These points can be taken off a map or exported by most mapping and/or Geographic Information System (GIS) programs.

This information supersedes the Form 601 Schedule-D information for Radius of Operation (Line 18). Region 55 shall define radius of operation as the service area boundary plus an additional 5-mile (8-km) buffer region.

Table G-1, Service Area Boundary Form

Select Boundary Input Type	
Region 55	Click to Select County or State
Other Boundary (NAD-83 Coordinates)	
Latitude (dd)	Longitude (dd)

Appendix H
CAPRAD Allotment Pool

As previously cited, the channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options. Please refer to Table H-1, which follows, for the channel block size, combiner spacing, and capacity options RPC 55 chose to employ for the repacked channel allotments.

Table H-1, Channel Repacking Parameters

Channel Block Size	Combiner Separation	Capacity Option
25-kHz (all except Orleans County)	250-kHz (all except Genesee County)	Population Model (all Counties)
12.5-kHz (Orleans County)	200-kHz (Genesee County)	

Table H-2, Region 55 Channel Allotment Pool[1]

County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
Allegany	General Use	25-kHz	769.587500	93-96
	General Use	25-kHz	770.062500	169-172
	General Use	25-kHz	770.362500	217-220
	General Use	25-kHz	771.812500	449-452
	General Use	25-kHz	772.262500	521-524
	General Use	25-kHz	772.587500	573-576
	General Use	25-kHz	772.862500	617-620
	General Use	25-kHz	773.487500	717-720
	General Use	25-kHz	773.737500	757-760
Cattaraugus	General Use	25-kHz	769.337500	53-56
	General Use	25-kHz	769.812500	129-132
	General Use	25-kHz	770.287500	205-208
	General Use	25-kHz	770.537500	245-248
	General Use	25-kHz	771.037500	325-328
	General Use	25-kHz	771.287500	365-368
	General Use	25-kHz	771.662500	425-428
	General Use	25-kHz	771.962500	473-476

[1] **CHANNEL USAGE RESTRICTIONS** apply in certain geographic areas as identified in the United States – Canada 700-MHz Border Sharing Agreement. Please Refer to Appendices R and S.

County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
	General Use	25-kHz	772.312500	529-532
	General Use	25-kHz	772.687500	589-592
	General Use	25-kHz	774.437500	869-872
	General Use	25-kHz	774.687500	909-912
Chautauqua	General Use	25-kHz	769.262500	41-44
	General Use	25-kHz	769.562500	89-92
	General Use	25-kHz	770.112500	177-180
	General Use	25-kHz	770.812500	289-292
	General Use	25-kHz	771.087500	333-336
	General Use	25-kHz	771.462500	393-396
	General Use	25-kHz	771.862500	457-460
	General Use	25-kHz	772.112500	497-500
	General Use	25-kHz	772.362500	537-540
	General Use	25-kHz	772.637500	581-584
	General Use	25-kHz	772.962500	633-636
	General Use	25-kHz	773.212500	673-676
	General Use	25-kHz	773.462500	713-716
	General Use	25-kHz	773.712500	753-756
	General Use	25-kHz	773.987500	797-800
	General Use	25-kHz	774.737500	917-920
Chemung	General Use	25-kHz	769.087500	13-16
	General Use	25-kHz	769.612500	97-100
	General Use	25-kHz	771.087500	333-336
	General Use	25-kHz	771.387500	381-384
	General Use	25-kHz	771.687500	429-432
	General Use	25-kHz	772.112500	497-500
	General Use	25-kHz	772.612500	577-580
	General Use	25-kHz	772.987500	637-640
	General Use	25-kHz	773.412500	705-708
	General Use	25-kHz	774.237500	837-840
	General Use	25-kHz	774.712500	913-916
Erie	General Use	25-kHz	769.612500	97-100
	General Use	25-kHz	770.012500	161-164
	General Use	25-kHz	770.337500	213-216

County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
	General Use	25-kHz	770.587500	253-256
	General Use	25-kHz	770.862500	297-300
	General Use	25-kHz	771.237500	357-360
	General Use	25-kHz	771.537500	405-408
	General Use	25-kHz	771.912500	465-468
	General Use	25-kHz	772.212500	513-516
	General Use	25-kHz	772.487500	557-560
	General Use	25-kHz	772.787500	605-608
	General Use	25-kHz	773.137500	661-664
	General Use	25-kHz	773.387500	701-704
	General Use	25-kHz	773.637500	741-744
	General Use	25-kHz	773.912500	785-788
	General Use	25-kHz	774.237500	837-840
	General Use	25-kHz	774.487500	877-880
	General Use	25-kHz	774.912500	945-948
Genesee	General Use	25-kHz	769.837500	133-136
	General Use	25-kHz	770.262500	201-204
	General Use	25-kHz	771.187500	349-352
	General Use	25-kHz	771.462500	393-396
	General Use	25-kHz	771.862500	457-460
	General Use	25-kHz	772.062500	489-492
	General Use	25-kHz	772.287500	525-528
	General Use	25-kHz	772.562500	569-572
	General Use	25-kHz	772.837500	613-616
	General Use	25-kHz	773.987500	797-800
Livingston	General Use	25-kHz	769.287500	45-48
	General Use	25-kHz	771.112500	337-340
	General Use	25-kHz	771.362500	377-380
	General Use	25-kHz	771.612500	417-420
	General Use	25-kHz	772.187500	509-512
	General Use	25-kHz	772.662500	585-588
	General Use	25-kHz	772.962500	633-636
	General Use	25-kHz	774.187500	829-832
	General Use	25-kHz	774.737500	917-920

County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
Monroe	General Use	25-kHz	769.112500	17-20
	General Use	25-kHz	769.362500	57-60
	General Use	25-kHz	769.762500	121-124
	General Use	25-kHz	770.037500	165-168
	General Use	25-kHz	770.312500	209-212
	General Use	25-kHz	770.762500	281-284
	General Use	25-kHz	771.012500	321-324
	General Use	25-kHz	771.312500	369-372
	General Use	25-kHz	771.687500	429-432
	General Use	25-kHz	771.937500	469-472
	General Use	25-kHz	772.237500	517-520
	General Use	25-kHz	772.512500	561-564
	General Use	25-kHz	772.912500	625-628
	General Use	25-kHz	773.162500	665-668
	General Use	25-kHz	773.437500	709-712
	General Use	25-kHz	773.887500	781-784
	General Use	25-kHz	774.137500	821-824
	General Use	25-kHz	774.387500	861-864
	General Use	25-kHz	774.637500	901-904
	General Use	25-kHz	774.887500	941-944
Niagara	General Use	25-kHz	769.087500	13-16
	General Use	25-kHz	769.512500	81-84
	General Use	25-kHz	769.787500	125-128
	General Use	25-kHz	770.062500	169-172
	General Use	25-kHz	770.512500	241-244
	General Use	25-kHz	770.787500	285-288
	General Use	25-kHz	771.062500	329-332
	General Use	25-kHz	771.337500	373-376
	General Use	25-kHz	771.587500	413-416
	General Use	25-kHz	771.987500	477-480
	General Use	25-kHz	772.337500	533-536
	General Use	25-kHz	772.612500	577-580
	General Use	25-kHz	772.887500	621-624
	General Use	25-kHz	773.237500	677-680

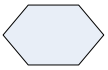
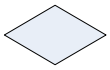
County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
	General Use	25-kHz	773.487500	717-720
	General Use	25-kHz	773.737500	757-760
	General Use	25-kHz	774.162500	825-828
	General Use	25-kHz	774.412500	865-868
	General Use	25-kHz	774.712500	913-916
Ontario	General Use	25-kHz	769.562500	89-92
	General Use	25-kHz	770.087500	173-176
	General Use	25-kHz	770.612500	257-260
	General Use	25-kHz	770.862500	297-300
	General Use	25-kHz	771.162500	345-348
	General Use	25-kHz	771.437500	389-392
	General Use	25-kHz	771.762500	441-444
	General Use	25-kHz	772.037500	485-488
	General Use	25-kHz	772.462500	553-556
	General Use	25-kHz	772.737500	597-600
	General Use	25-kHz	773.387500	701-704
	General Use	25-kHz	773.712500	753-756
Orleans	General Use	12.5-kHz	769.331250	53-54
	General Use	12.5-kHz	769.581250	93-94
	General Use	12.5-kHz	770.106250	177-178
	General Use	12.5-kHz	770.368750	219-220
	General Use	12.5-kHz	770.831250	293-294
	General Use	12.5-kHz	771.131250	341-342
	General Use	12.5-kHz	771.381250	381-382
	General Use	12.5-kHz	771.781250	445-446
	General Use	12.5-kHz	772.156250	505-506
	General Use	12.5-kHz	772.431250	549-550
	General Use	12.5-kHz	772.706250	593-594
	General Use	12.5-kHz	773.206250	673-674
	General Use	12.5-kHz	773.668750	747-748
	General Use	12.5-kHz	773.956250	793-794
	General Use	12.5-kHz	774.206250	833-834
	General Use	12.5-kHz	774.456250	873-874

County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
Schuyler	General Use	25-kHz	770.037500	165-168
	General Use	25-kHz	771.312500	369-372
	General Use	25-kHz	771.587500	413-416
	General Use	25-kHz	772.312500	529-532
	General Use	25-kHz	773.912500	785-788
	General Use	25-kHz	774.162500	825-828
Seneca	General Use	25-kHz	769.837500	133-136
	General Use	25-kHz	771.062500	329-332
	General Use	25-kHz	772.162500	505-508
	General Use	25-kHz	772.937500	629-632
	General Use	25-kHz	774.437500	869-872
	General Use	25-kHz	774.687500	909-912
Steuben	General Use	25-kHz	769.512500	81-84
	General Use	25-kHz	769.862500	137-140
	General Use	25-kHz	770.562500	249-252
	General Use	25-kHz	770.812500	289-292
	General Use	25-kHz	771.212500	353-356
	General Use	25-kHz	771.512500	401-404
	General Use	25-kHz	771.987500	477-480
	General Use	25-kHz	772.387500	541-544
	General Use	25-kHz	772.787500	605-608
	General Use	25-kHz	773.137500	661-664
	General Use	25-kHz	773.637500	741-744
	General Use	25-kHz	774.662500	905-908
	General Use	25-kHz	774.912500	945-948
Wayne	General Use	25-kHz	770.537500	245-248
	General Use	25-kHz	771.262500	361-364
	General Use	25-kHz	771.537500	405-408
	General Use	25-kHz	771.812500	449-452
	General Use	25-kHz	772.112500	497-500
	General Use	25-kHz	772.362500	537-540
	General Use	25-kHz	772.687500	589-592
	General Use	25-kHz	772.987500	637-640

County	Class	Band Width	Center Frequency Base (MHz)	FCC Channel Number
	General Use	25-kHz	773.937500	789-792
	General Use	25-kHz	774.237500	837-840
	General Use	25-kHz	774.487500	877-880
Wyoming	General Use	25-kHz	769.537500	85-88
	General Use	25-kHz	771.412500	385-388
	General Use	25-kHz	771.737500	437-440
	General Use	25-kHz	772.012500	481-484
	General Use	25-kHz	772.412500	545-548
	General Use	25-kHz	773.187500	669-672
	General Use	25-kHz	773.687500	749-752
Yates	General Use	25-kHz	769.787500	125-128
	General Use	25-kHz	770.287500	205-208
	General Use	25-kHz	771.662500	425-428
	General Use	25-kHz	772.087500	493-496
	General Use	25-kHz	772.537500	565-568
	General Use	25-kHz	772.887500	621-624
	General Use	25-kHz	773.237500	677-680

Appendix I
Flowchart Symbol Legend

Table I-1, Symbol Legend[1] for Application Review Flowchart

Symbol	Use
	The Connector symbol represents the exit to, or entry from, another part of the same flow chart. It is used to break a flow line that will be continued elsewhere.
	The Manual Operation symbol in this flowchart indicates the first event in the process.
	The Preparation symbol represents a modification or instance of a process.
	The Process symbol represents any process, function, or calculation.
	The Decision symbol is a junction at which decision must be made. A single entry may have any number of alternative solutions, but only one can be chosen.
	The Off-page connector symbols are used to indicate the flow chart continues on another page.
	The Activity symbol represents an action taken by the RPC or the FCC.
	The Stored Data symbol indicates the assigned point values that are summed to determine the total service point value the applicant shall receive.

[1] Reference: Patton & Patton Software Corporation – *Basic Flowchart Symbols*.

Appendix J
Adjacent Region Concurrence Approval Requests

Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ, & DE) – Initial Letter

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
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January 8, 2007

Mr. Richard R. Reynolds
Chairman - Region 28 700 & 800-MHz Planning Committees
Department of Technology and Information
801 Silver Lake Boulevard
Dover, Delaware 19904-2407
Telephone: (302) 739-9648
FAX: (302) 739-7243
Email: Richard.Reynolds@state.de.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Reynolds:

Region 55[1] has completed its public-safety communications plan for the General Use channels in the 764-776/794-806 MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the proposed plan.

Enclosed herewith please find one (1) copy of the subject Regional Plan for Region 55. The Regional Plan may also be retrieved electronically from the Computer Assisted Pre-coordination Resource and Database (CAPRAD) by following the steps below (broadband connection recommended).

1. Set your Web browser to the URL that follows:

   http://caprad.alectc.du.edu/cp/index.jsp,

2. Click on the "700-MHz" tab in the upper, right-hand corner of the page,
3. Click on Regional Plans in the bottom, left-hand corner of the page,
4. Click "Continue" to enter the Regional Plan Access Database in CAPRAD,
5. Click the Region 55 area on the map of the United States,

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

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6. Click on the "Plan Documents" link in the bottom, left-hand corner of the page,
7. Download the current version of the Region 55 700-MHz plan, and
8. Print the document if desired.

Region 55 would like to expedite your approval of the Regional Plan. Should Region 28 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next Region 28 meeting to walk-through the Plan and address your concerns.

Region 55 greatly appreciates your attention and cooperation regarding this matter.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938–9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Enclosures
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Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ, &DE) – Second Letter

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

March 9, 2007

Mr. Richard R. Reynolds
Chairman - Region 28 700 & 800-MHz Planning Committees
Department of Technology and Information
801 Silver Lake Boulevard
Dover, Delaware 19904-2407
Telephone: (302) 739-9648
FAX: (302) 739-7243
Email: Richard.Reynolds@state.de.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the RPC Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Reynolds:

On January 10, 2007, Regional Planning Committee (RPC) 55[1] submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use Channels in the 764-776/794-806 MHz frequency band to RPC 28 for concurrence in accordance with the FCC rules.

On February 12, 2007, RPC 55 received clarification that coordination of the 700-MHz Regional Plan with RPC 33 (Ohio) is also necessary, as RPC 55 is located within seventy (70) miles of the State of Ohio. Therefore, the Regional Plan and its associated documents were revised accordingly.

Enclosed herewith please find one (1) copy of the subject Interregional Frequency-Coordination and Dispute-Resolution Procedures between RPC Regions 28, 30, 33, 36, and 55. The Procedures and Regional Plan may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps on page 2.

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates Counties in the State of New York.

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Instructions for electronically retrieving RPC 55 700-MHz Plan Documents

1. Set your web browser to the following URL:

   http://www.nys-rpc.org/

2. Locate the "Region 55" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 55 would like to help expedite your approval of the Regional Plan. Should RPC 28 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next RPC 28 meeting to walk you through the Plan and to address your concerns.

Region 55 greatly appreciates your effort in expediting this process.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191, ext. 2249
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Region 30, Eastern Upstate New York – Initial Letter

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

January 8, 2007

David A. Cook - FCC Region 30 Chairman
NYS Office for Technology - SWN Project Office
74 North Pearl Street
Kenmore Building, 2nd Floor
Albany, New York 12207-2721
Telephone: (518) 486-1035
FAX: (518) 474-7529
eFax: (408) 580-8496
Email: david.cook@oft.state.ny.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Cook:

Region 55[1] has completed its public-safety communications plan for the General Use channels in the 764-776/794-806 MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the proposed plan.

Enclosed herewith please find one (1) copy of the subject Regional Plan for Region 55. The Regional Plan may also be retrieved electronically from the Computer Assisted Pre-coordination Resource and Database (CAPRAD) by following the steps below (broadband connection recommended).

1. Set your Web browser to the URL that follows:

   http://caprad.nlectc.du.edu/cp/index.jsp,

2. Click on the "700-MHz" tab in the upper, right-hand corner of the page,
3. Click on Regional Plans in the bottom, left-hand corner of the page,

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

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4. Click "Continue" to enter the Regional Plan Access Database in CAPRAD,
5. Click the Region 55 area on the map of the United States,
6. Click on the "Plan Documents" link in the bottom, left-hand corner of the page,
7. Download the current version of the Region 55 700-MHz plan, and
8. Print the document if desired.

Region 55 would like to expedite your approval of the Regional Plan. Should Region 30 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next Region 30 meeting to walk-through the Plan and address your concerns.

Region 55 greatly appreciates your attention and cooperation regarding this matter.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
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Enclosures
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Region 30, Eastern Upstate New York – Second Letter

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
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March 9, 2007

David A. Cook - FCC Region 30 Chairman
NYS Office for Technology - SWN Project Office
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Albany, New York 12207-2721
Telephone: (518) 486-1035
FAX: (518) 474-7529
eFax: (408) 580-8496
Email: david.cook@oft.state.ny.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the RPC Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Cook:

On January 10, 2007, Regional Planning Committee (RPC) 55[1] submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use Channels in the 764-776/794-806 MHz frequency band to RPC 30 for concurrence in accordance with the FCC rules.

On February 12, 2007, RPC 55 received clarification that coordination of the 700-MHz Regional Plan with RPC 33 (Ohio) is also necessary, as RPC 55 is located within seventy (70) miles of the State of Ohio. Therefore, the Regional Plan and its associated documents were revised accordingly.

Enclosed herewith please find one (1) copy of the subject Interregional Frequency-Coordination and Dispute-Resolution Procedures between RPC Regions 28, 30, 33, 36, and 55. The Procedures and Regional Plan may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps on page 2.

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates Counties in the State of New York.

Enclosures
JCG/TCL

Instructions for electronically retrieving RPC 55 700-MHz Plan Documents

1. Set your web browser to the following URL:

   http://www.nys-rpc.org/

2. Locate the "Region 55" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 55 would like to help expedite your approval of the Regional Plan. Should RPC 30 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next RPC 30 meeting to walk you through the Plan and to address your concerns.

Region 55 greatly appreciates your effort in expediting this process.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@catteo.org

Region 33, Ohio

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

March 9, 2007

Mr. Paul M. Mayer
Chairman - Region 33 700-MHz Planning Committee
Ohio Office of Information Technology
2323 West 5th Avenue, Suite 150
Columbus, Ohio 43204-4899
Telephone: (614) 995-0063
FAX: (614) 995-0067
Email: paul.mayer@ohio.gov

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Mayer

Region 55[1] has completed its public-safety communications plan for the General Use channels in the 764-776/794-806 MHz frequency band. In accordance with FCC rules, we are seeking concurrence for the proposed plan.

Enclosed herewith please find one (1) copy of the subject Regional Plan for Region 55. The Regional Plan may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps below:

Instructions for electronically retrieving the Region 55 Plan

1. Set your web browser to the following URL:

   http://www.nys-rpc.org/

2. Locate the "Region 55" toolbar;
3. Select the "700-MHz Document Library" option;

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates Counties in the State of New York.

Enclosures
JCG/TCL

Page 1 of 2

4. Download the Regional Plan; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 55 would like to help expedite your approval of the Regional Plan. Should Region 33 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next Region 33 meeting to walk you through the Plan and to address your concerns.

Region 55 greatly appreciates your effort in expediting this process.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Region 36, Western Pennsylvania – Initial Letter

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

January 8, 2007

Mr. Richard Matason
Chairman - Region 36 700-MHz Planning Committee
911 Public Safety Drive
Greensburg, Pennsylvania 15601
Telephone: (724) 600-7301
FAX: (724) 600-7388
Email: Rmatason@co.westmoreland.pa.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Matason:

Region 55[1] has completed its public-safety communications plan for the General Use channels in the 764-776/794-806 MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the proposed plan.

Enclosed herewith please find one (1) copy of the subject Regional Plan for Region 55. The Regional Plan may also be retrieved electronically from the Computer Assisted Pre-coordination Resource and Database (CAPRAD) by following the steps below (broadband connection recommended).

1. Set your Web browser to the URL that follows:

   http://caprad.nlectc.du.edu/cp/index.jsp,

2. Click on the "700-MHz" tab in the upper, right-hand corner of the page,
3. Click on Regional Plans in the bottom, left-hand corner of the page,
4. Click "Continue" to enter the Regional Plan Access Database in CAPRAD,

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

Enclosures
JCG/TCL

Page 1 of 2

5. Click the Region 55 area on the map of the United States,
6. Click on the "Plan Documents" link in the bottom, left-hand corner of the page,
7. Download the current version of the Region 55 700-MHz plan, and
8. Print the document if desired.

Region 55 would like to expedite your approval of the Regional Plan. Should Region 36 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next Region 36 meeting to walk-through the Plan and address your concerns.

Region 55 greatly appreciates your attention and cooperation regarding this matter.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938–9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Enclosures
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Region 36, Western Pennsylvania – Second Letter

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

March 9, 2007

Mr. Richard Matason
Chairman - Region 36 700-MHz Planning Committee
911 Public Safety Drive
Greensburg, Pennsylvania 15601
Telephone: (724) 600-7301
FAX: (724) 600-7388
Email: Rmatason@co.westmoreland.pa.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the RPC Region 55 700-MHz Public-Safety Communications Plan**

Dear Mr. Matson:

On January 10, 2007, Regional Planning Committee (RPC) 55[1] submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use Channels in the 764-776/794-806 MHz frequency band to RPC 36 for concurrence in accordance with the FCC rules.

On February 12, 2007, RPC 55 received clarification that coordination of the 700-MHz Regional Plan with RPC 33 (Ohio) is also necessary, as RPC 55 is located within seventy (70) miles of the State of Ohio. Therefore, the Regional Plan and its associated documents were revised accordingly.

Enclosed herewith please find one (1) copy of the subject Interregional Frequency-Coordination and Dispute-Resolution Procedures between RPC Regions 28, 30, 33, 36, and 55. The Procedures and Regional Plan may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps on page 2.

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates Counties in the State of New York.

Enclosures
JCG/TCL

Instructions for electronically retrieving RPC 55 700-MHz Plan Documents

1. Set your web browser to the following URL:

   http://www.nys-rpc.org/

2. Locate the "Region 55" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 55 would like to help expedite your approval of the Regional Plan. Should RPC 36 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 55 to attend the next RPC 36 meeting to walk you through the Plan and to address your concerns.

Region 55 greatly appreciates your effort in expediting this process.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Enclosures
JCG/TCL

Appendix K
Adjacent Region Concurrence Approvals

Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ, & DE)

REGION 28 - 700 MHz REGIONAL PLANNING COMMITTEE

EASTERN PENNSYLVANIA, SOUTHERN NEW JERSEY, and DELAWARE

Department of Technology & Information
Telecommunications Team
801 Silver Lake Blvd.
Dover, DE 19904-2407

Richard R. Reynolds, Chairman — **VOICE: (302) 739-9648 FAX: (302) 739-7243**
Jay Gross III, Vice Chairman — **VOICE: (610) 344-5084 FAX: (610) 344-5050**
Jody Nestor, Secretary — **VOICE: (609) 984-6995 FAX: (609) 292-0703**

August 29, 2007

Regional Planning Committee 55
Capt. Joseph Grube, Chairperson
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, NY 14755-1090

Sent Via Email and US Mail

RE: Region 28 concurrence with Region 55's 700 MHz plan

Dear Mr. Ryan,

I am writing you in my capacity as the Chairman for Regional 28 Planning Committee.

Region 28 (Eastern PA, Southern NJ and Delaware) concurs with the Region 55 (Western New York State) 700 MHz plan. Region 28 has reviewed the 700 MHz Plan submitted by Region 55, and is satisfied that the plan was based on the CAPRAD Channel Assignment Model, which takes into account the necessary considerations to coordinate with adjacent regions.

Region 28 looks forward to working with Region 55 in coordination of 700 MHz and other spectrum issues in the future.

Please contact me if you have any questions on this concurrence.

Sincerely,

Richard R. Reynolds

Richard R. Reynolds, Chairman
Region 28 – 700 MHz RPC

RRR/self

Cc: Travis C. LePage - Via Email only
NYSTEC
500 Avery Lane, Suite A
Rome, NY 13441

Region 30, Eastern Upstate New York

NEW YORK - ALBANY
FCC Region 30 700-MHz
REGIONAL PLANNING COMMITTEE

David A. Cook, Chairman
Region 30 700 and 800 MHz Planning Committees
NYS Office for Technology - SWN Project Office
74 North Pearl Street, 2nd Floor
Albany, New York 12207-2721
Telephone: (518) 486-1035
FAX: (518) 474-7529
eFax: (408) 580-8496
Email: david.cook@oft.state.ny.us

March 10, 2007

Captain Joseph C. Grube, Chairman
Region 55 700 and 800 MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938–9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Regarding: **WTB Docket 02-378: Interregional Concurrence for the Region 55[1] 700-MHz Public-Safety Communications Plan**

Dear Mr. Grube:
Regional Planning Committee (RPC) 30 is in receipt of the proposed RPC 55 700-MHz Regional Plan for the General Use Channels in the 764-776/794-806 MHz frequency band.

RPC 30, having fully reviewed the RPC 55 700-MHz Public-Safety Communications Plan sends this letter to serve as the official, written concurrence for your proposed Plan.

Best Regards,

David A. Cook

David A. Cook, Chairman
Region 30 700 and 800 MHz Planning Committees

March 10, 2007
Date

cc: file

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

Region 33, Ohio

Region 33 (Ohio) 700 MHz. Planning Committee
Paul M. Mayer, Chairman
Ohio Office of Information Technology
2323 W. 5th Ave., Columbus, Ohio 43204
614-995-0063 (voice) 995-0067 (fax)
E-mail paul.mayer@ohio.gov or mayerp@apco911.org

July 18, 2008

Mr. Steven C. Sharpe
Chairperson, Region 55-700 MHz. Planning Committee
Genesee County, Director of Emergency Communications
165 Park Road
Batavia, NY 14020

Subject: Intra-Regional Concurrence

Dear Mr. Sharpe,

Regional Planning Committee 33 ("Region 33") is inclined to issue a concurrence with the 700 MHz Plan of Region 55; however, before we can issue a formal concurrence, it is important to clarify certain issues.

Region 33 subscribes to the philosophy that Regions are fully capable of internally administering their Plans to meet their regional needs based upon the following provisions.

1. Region 33 will use the CAPRAD database for its Frequency Allocation plan and although not required by the Commission, hopes that all Regions adjacent to us do likewise. If an adjacent Region does not use CAPRAD, the plan of channel management that they choose must not conflict with Region 33's assignments as found in CAPRAD.

2. Region 33 uses the standard format for Dispute Resolution as suggested by the National Coordinating Committee (NCC). If adjacent Regions also use this format, we believe that minimum conflicts will occur. To further clarify and provide illustrative examples, attached to this document is Section 6, Adjacent Region Coordination, and Appendix "M", Inter-Regional Coordination and Dispute Resolution procedures from the Region 33 Plan.

When Regions are in agreement with the above two issues and exhibit them in their Plan, Region 33 will grant Concurrence, subject to a right of rescission. If Region 33 has concurred with a Region's Plan and subsequently, the Region fails to respond to

Mr. Steven C. Sharpe
Chairman, Region 55
Page 2

Region 33 in a similar fashion, Region 33 reserves the right to withdraw its concurrence. If this action becomes necessary, Region 33 will notify the affected Region and the appropriate Federal Communications Commission liaison official the reason for concurrence rescission.

Respectfully,

Paul M. Mayer
Chairman

Attachments: R33 Plan Section 6, Appendix M

NEW YORK-BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Steven Sharpe
Chairman
Region 55 700 and 800-MHz Planning Committees
Director of Emergency Communications
Genesee County Office of the Sheriff
165 Park Road
Batavia, New York 14020-1283
Tel: 585.345.3000 x 3400
Email: ssharpe@co.genesee.ny.us

22 July 2008

INTERREGIONAL CONCURRENCE NOTIFICATION

Mr. Paul M. Mayer
Chairman - Region 33 700 and 800-MHz Planning Committee
Ohio Office of Information Technology
2323 West 5th Avenue, Suite 150
Columbus, Ohio 43204-4899
Telephone: (614) 995-0063
FAX: (614) 995-0067
Email: paul.mayer@ohio.gov

In the Matter of

	)	WT Docket No. 02-378
FCC Regional Planning Committee (RPC) 33	)	
	)	PSHS Docket No. 06-229
Proposed Public-Safety Communications Plan for the	)	
769- to 775-MHz and 799- to 805-MHz bands	)	FCC Docket No. 07-132

Dear Chairman Mayer:

On 18 July 2008, Regional Planning Committee (RPC) 33 (Ohio) provided RPC 55 (New York – Buffalo) with a conditional concurrence approval for its proposed public-safety communications plan for the General Use channels in the 769- to 775-MHz and 799- to 805-MHz frequency bands.

The conditional concurrence approval cites that RPC 33 shall issue formal concurrence for the Plan given that:

- RPC 55 adheres to the CAPRAD National Pool allotments for frequency assignments and coordination; and that
- RPC 55 agrees to adhere to the Interregional Frequency-Coordination and Dispute-Resolution procedure established by the National Coordination Committee (NCC).

22 July 2008
TCL/SCS

Page 1 of 2

- Section 8.2 and 12 of the proposed RPC 55 700-MHz Plan are already state that "Each application must be consistent with the CAPRAD 700-MHz National pre-allotment channel pool for Region 55." "Any application packages that do not provide the appropriate pool protection as required in Interference-Protection Criteria and System-Design Specifications (in Section 9) will be returned to the applicant, with information regarding other impacting applications. The applicant will be allowed thirty (30) days to respond."

Therefore, the proposed RPC 55 Plan adheres to Condition One (1).

- Second, Appendix L of the proposed RPC 55 Plan contains the Interregional Frequency-Coordination and Dispute-Resolution procedure established by the National Coordination Committee (NCC).

Further, in Dispute Resolution, Number Three (3), Sub element Number Two (2), RPC 55 determines that any incumbent licensee(s) channel allotment(s) and/or license(s) should also be protected in addition to the National Pool Allotments. This protocol in conjunction with the CAPRAD National Pool Allotments promotes an interference-free environment.

Therefore, the proposed RPC 55 Plan adheres to Condition Two (2) and incorporates additional interference protection for both regions.

Given the above-noted items, RPC 55 hereby provides this correspondence to serve as the official, written concurrence for the RPC 33 700-MHz public-safety communications plan.

As such, RPC 55 shall consider the conditional concurrence letter provided by RPC 33 on 18 July 2008 to serve as the official, written concurrence for the Proposed RPC 55 700-MHz Plan unless otherwise contacted by RPC 33.

Please contact me with any questions, comments, or concerns.

Best Regards,

Steven C. Sharpe

Steven C. Sharpe, Chairman

FCC RPC 55 700-MHz and 800-MHz NPSPAC Planning Committees

22 July 2008
TCL/SCS

Page 2 of 2

Region 36, Western Pennsylvania (a)

WESTERN PENNSYLVANIA
FCC Region 36 700-MHz
REGIONAL PLANNING COMMITTEE

Richard Matason, Regional Convener
FCC Region 36 – Western Pennsylvania
911 Public Safety Drive
Greensburg, Pennsylvania 15601
Telephone: (724) 600-7301
FAX: (724) 600-7388
Email: Rmatason@co.westmoreland.pa.us

Captain Joseph C. Grube, Chairman
Region 55 700 and 800 MHz Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938–9191, ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Regarding: **WTB Docket 02-378: Interregional Concurrence for the Region 55[1] 700-MHz Public-Safety Communications Plan**

Dear Mr. Grube:
As the Regional Convener for Regional Planning Committee (RPC) 36, I am writing to confirm my receipt of the proposed RPC 55 700-MHz Regional Plan for the General Use Channels in the 764-776/794-806 MHz frequency band.

Having reviewed the RPC 55 700-MHz Public-Safety Communications Plan, I am sending this letter to serve as the official, written concurrence for your proposed Plan.

Best Regards,

Richard Matason
Region 36 Convener

4/11/07
Date

cc: file

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

Region 36, Western Pennsylvania (b)[1]

Region 36 . Western Pennsylvania
700 MHz Regional Planning Committee
450 E Market St
Kittanning, Pa 16201
724-548-3430-V 724-548-3326-F

June 18, 2008

Travis LePage
New York - - Consultant NYSTEC
500 Avery Ln suite A
Rome, NY 13441

Dear Mr. LePage:

My apologies for not replying to your request to review Region 8, 30 and 55s 700 MHz Plan as quickly as you desired. Region 36 (Pennsylvania) concurs with the Region 8, Region 30 and Region 55 700 MHz plan. Region 36 has reviewed the 700 MHz plan submitted by the Regions, and is satisfied that the plans takes into account the necessary considerations to coordinate with adjacent regions.

Region 36 looks forward to working with Region 8, 30 and 55 in coordination of 700 Mhz and other spectrum issues in the future.

Please contact me if you have any questions on this concurrence.

Sincerely

Randall J Brozenick, Chairman
700 MHz Committee of Region 36

[1] Mr. Randall J. Brozenick was elected Chairperson of RPC 36, superseding. Richard Matason, Regional Convener.

Appendix L
Interregional Dispute Resolution Approval Requests

Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ, & DE)

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@catfco.org

March 9, 2007

Mr. Richard R. Reynolds
Chairman - Region 28 700 & 800-MHz Planning Committees
Department of Technology and Information
801 Silver Lake Boulevard
Dover, Delaware 19904-2407
Telephone: (302) 739-9648
FAX: (302) 739-7243
Email: Richard.Reynolds@state.de.us

Regarding: **WTB Docket 02-378: 700-MHz Interregional Frequency-Coordination and Dispute-Resolution Procedures**

Dear Mr. Reynolds:

Region 55 has completed its public-safety communications plan for the General Use channels in the 764-776/794-806-MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the interregional frequency-coordination and dispute-resolution procedures identified here.

Region 55 greatly appreciates your cooperation in expediting the approval of these procedures.

Should RPC 28 have any questions or concerns regarding the information contained in the procedures, please notify me at your earliest possible convenience.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
PH(716) 938-9191, ext. 2249 FX: (716) 938-6420

JCG/TCL

Page 1 of 5

COORDINATION PROCEDURES

I. INTRODUCTION

1. This is a mutually agreed-upon Interregional Coordination Procedures Agreement (Agreement) by and between the 700-MHz Regional Planning Committees for the following Regions: 28, 30, 33, 36, and 55.

II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 28, 30, 33, 36, and 55, and 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 an appropriate time interval.

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

e. After intraregional review, a copy of the frequency-specific applications that require adjacent Region approval and that include definition statements of their proposed service areas shall then be forwarded to the adjacent Region(s) for review.[1] This information will be sent to the adjacent Regional chairperson(s) via the Computer-Assisted Pre-coordination

[1] If an applicant's proposed service area or interference contour extends into an adjacent Public Safety Region(s), the application must be approved by the affected Region(s). Service area shall normally be defined as the area included within the geographical boundary of the applicant, plus three (3) miles. Interference contour shall normally be defined as a 5-dBu co-channel contour or a 60-dBu adjacent-channel contour. Other definitions of service area or interference shall be justified with an accompanying *Memorandum of Understanding (MOU)* or other application documentation (e.g., mutual aid agreements) between agencies.

Resource and Database (CAPRAD), or electronic mail with read receipt, or U.S. certified mail with return receipt.

f. The adjacent Region reviews the application within thirty (30) calendar days of receipt. If the application(s) is/are approved, a letter of concurrence shall be sent, via CAPRAD, or electronic mail with read receipt, or U.S. certified mail with return receipt to the initiating Regional chairperson within 10 (ten) calendar days of the review determination. If the adjacent region is unable to complete its review within thirty (30) days, the impacted regions will convene, within forty-five (45) days of the original date of receipt, a working group meeting at which the applying region shall demonstrate non-interference conditions. At the conclusion of this working group meeting and upon satisfactory demonstration of non-interference, a letter of concurrence shall be sent as provided above.

DISPUTE RESOLUTION

(1) If the adjacent Region(s) cannot approve one or more of the applications in the request, the adjacent Region(s) shall document the reason(s) for partial concurrence or for non-concurrence, and shall respond via electronic mail within 10 (ten) calendar days of the review determination.

(2) If the applying Region cannot modify the application to satisfy the objections of the adjacent Region, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days of a request to convene that working group. Within thirty (30) calendar days of the date it convened, the working group shall report its findings to the Regional chairpersons via CAPRAD, or electronic mail with read receipt, or U.S. certified mail with return receipt. The findings may include, but not be limited to:

(i) unconditional concurrence,

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

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

(3) If the Interregional Working Group cannot resolve the dispute, the matter shall be forwarded for evaluation to the National Plan Oversight Committee (NPOC)[2] of the National Public Safety Telecommunications Council. Each Region involved in the dispute shall include a detailed explanation of its position, including engineering studies and any other technical information deemed relevant. The NPOC will, within thirty (30) calendar days of receipt of the dispute notification, report its recommendation(s) to the Regional chairpersons via CAPRAD. The NPOC's decision may support either of the disputing Regions, or it may develop a proposal that it deems mutually advantageous to each disputing Region.

g. If adjacent-region concurrence has been secured, and the channel assignment(s) results in no change to the Region's current Commission-approved channel-assignment matrix, the initiating Region may then advise the applicant(s) that it(they) may forward its(their) application(s) to a frequency coordinator for processing and filing with the Commission.

h. If adjacent-region concurrence has been secured, and the channel assignment(s) would result in a change to the Region's current Commission-approved channel-

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

assignment matrix, the initiating Region shall file with the Commission a *Petition to Amend* its current Regional Plan's frequency matrix to reflect the new channel assignments, with a copy of the *Petition* sent to the adjacent Regional chairperson(s).

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

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 28, 30, 33, 36, and 55 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 28 Chairperson	Date
Region 30 Chairperson	Date
Region 33 Chairperson	Date
Region 36 Chairperson	Date
Region 55 Chairperson	March 9, 2007 Date

JCG/TCL

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Region 30, Eastern Upstate New York

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

March 9, 2007

David A. Cook - FCC Region 30 Chairman
NYS Office for Technology - SWN Project Office
74 North Pearl Street
Kenmore Building, 2nd Floor
Albany, New York 12207-2721
Telephone: (518) 486-1035
FAX: (518) 474-7529
eFax: (408) 580-8496
Email: david.cook@oft.state.ny.us

Regarding: **WTB Docket 02-378: 700-MHz Interregional Frequency-Coordination and Dispute-Resolution Procedures**

Dear Mr. Cook:

Region 55 has completed its public-safety communications plan for the General Use channels in the 764-776/794-806-MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the interregional frequency-coordination and dispute-resolution procedures identified here.

Region 55 greatly appreciates your cooperation in expediting the approval of these procedures.

Should RPC 30 have any questions or concerns regarding the information contained in the procedures, please notify me at your earliest possible convenience.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
PH(716) 938–9191, ext. 2249 FX: (716) 938-6420

JCG/TCL

Page 1 of 5

COORDINATION PROCEDURES

I. INTRODUCTION

1. This is a mutually agreed-upon Interregional Coordination Procedures Agreement (Agreement) by and between the 700-MHz Regional Planning Committees for the following Regions: 28, 30, 33, 36, and 55.

II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 28, 30, 33, 36, and 55, and 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 an appropriate time interval.

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

e. After intraregional review, a copy of the frequency-specific applications that require adjacent Region approval and that include definition statements of their proposed service areas shall then be forwarded to the adjacent Region(s) for review.[1] This information will be sent to the adjacent Regional chairperson(s) via the Computer-Assisted Pre-coordination

[1] If an applicant's proposed service area or interference contour extends into an adjacent Public Safety Region(s), the application must be approved by the affected Region(s). Service area shall normally be defined as the area included within the geographical boundary of the applicant, plus three (3) miles. Interference contour shall normally be defined as a 5-dBu co-channel contour or a 60-dBu adjacent-channel contour. Other definitions of service area or interference shall be justified with an accompanying *Memorandum of Understanding (MOU)* or other application documentation (e.g., mutual aid agreements) between agencies.

Resource and Database (CAPRAD), or electronic mail with read receipt, or U.S. certified mail with return receipt.

f. The adjacent Region reviews the application within thirty (30) calendar days of receipt. If the application(s) is/are approved, a letter of concurrence shall be sent, via CAPRAD, or electronic mail with read receipt, or U.S. certified mail with return receipt to the initiating Regional chairperson within 10 (ten) calendar days of the review determination. If the adjacent region is unable to complete its review within thirty (30) days, the impacted regions will convene, within forty-five (45) days of the original date of receipt, a working group meeting at which the applying region shall demonstrate non-interference conditions. At the conclusion of this working group meeting and upon satisfactory demonstration of non-interference, a letter of concurrence shall be sent as provided above.

DISPUTE RESOLUTION

(1) If the adjacent Region(s) cannot approve one or more of the applications in the request, the adjacent Region(s) shall document the reason(s) for partial concurrence or for non-concurrence, and shall respond via electronic mail within 10 (ten) calendar days of the review determination.

(2) If the applying Region cannot modify the application to satisfy the objections of the adjacent Region, a working group comprised of representatives of the two Regions shall be convened within thirty (30) calendar days of a request to convene that working group. Within thirty (30) calendar days of the date it convened, the working group shall report its findings to the Regional chairpersons via CAPRAD, or electronic mail with read receipt, or U.S. certified mail with return receipt. The findings may include, but not be limited to:

(i) unconditional concurrence,

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

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

(3) If the Interregional Working Group cannot resolve the dispute, the matter shall be forwarded for evaluation to the National Plan Oversight Committee (NPOC)[2] of the National Public Safety Telecommunications Council. Each Region involved in the dispute shall include a detailed explanation of its position, including engineering studies and any other technical information deemed relevant. The NPOC will, within thirty (30) calendar days of receipt of the dispute notification, report its recommendation(s) to the Regional chairpersons via CAPRAD. The NPOC's decision may support either of the disputing Regions, or it may develop a proposal that it deems mutually advantageous to each disputing Region.

g. If adjacent-region concurrence has been secured, and the channel assignment(s) results in no change to the Region's current Commission-approved channel-assignment matrix, the initiating Region may then advise the applicant(s) that it(they) may forward its(their) application(s) to a frequency coordinator for processing and filing with the Commission.

h. If adjacent-region concurrence has been secured, and the channel assignment(s) would result in a change to the Region's current Commission-approved channel-

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

assignment matrix, the initiating Region shall file with the Commission a *Petition to Amend* its current Regional Plan's frequency matrix to reflect the new channel assignments, with a copy of the *Petition* sent to the adjacent Regional chairperson(s).

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

III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 28, 30, 33, 36, and 55 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 28 Chairperson	Date
Region 30 Chairperson	Date
Region 33 Chairperson	Date
Region 36 Chairperson	Date
Region 55 Chairperson	March 9, 2007 Date

JCG/TCL

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Region 33, Ohio

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

March 9, 2007

Mr. Paul M. Mayer
Chairman - Region 33 700-MHz Planning Committee
Ohio Office of Information Technology
2323 West 5th Avenue, Suite 150
Columbus, Ohio 43204-4899
Telephone: (614) 995-0063
FAX: (614) 995-0067
Email: paul.mayer@ohio.gov

Regarding: **WTB Docket 02-378: 700-MHz Interregional Frequency-Coordination and Dispute-Resolution Procedures**

Dear Mr. Mayer:

Region 55 has completed its public-safety communications plan for the General Use channels in the 764-776/794-806-MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the interregional frequency-coordination and dispute-resolution procedures identified here.

Region 55 greatly appreciates your cooperation in expediting the approval of these procedures.

Should RPC 33 have any questions or concerns regarding the information contained in the procedures, please notify me at your earliest possible convenience.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
PH(716) 938-9191, ext. 2249 FX: (716) 938-6420

JCG/TCL

Page 1 of 5

COORDINATION PROCEDURES

I. INTRODUCTION

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II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 28, 30, 33, 36, and 55, and 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 an appropriate time interval.

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

e. After intraregional review, a copy of the frequency-specific applications that require adjacent Region approval and that include definition statements of their proposed service areas shall then be forwarded to the adjacent Region(s) for review.[1] This information will be sent to the adjacent Regional chairperson(s) via the Computer-Assisted Pre-coordination

[1] If an applicant's proposed service area or interference contour extends into an adjacent Public Safety Region(s), the application must be approved by the affected Region(s). Service area shall normally be defined as the area included within the geographical boundary of the applicant, plus three (3) miles. Interference contour shall normally be defined as a 5-dBu co-channel contour or a 60-dBu adjacent-channel contour. Other definitions of service area or interference shall be justified with an accompanying *Memorandum of Understanding (MOU)* or other application documentation (e.g., mutual aid agreements) between agencies.

Resource and Database (CAPRAD), or electronic mail with read receipt, or U.S. certified mail with return receipt.

f. The adjacent Region reviews the application within thirty (30) calendar days of receipt. If the application(s) is/are approved, a letter of concurrence shall be sent, via CAPRAD, or electronic mail with read receipt, or U.S. certified mail with return receipt to the initiating Regional chairperson within 10 (ten) calendar days of the review determination. If the adjacent region is unable to complete its review within thirty (30) days, the impacted regions will convene, within forty-five (45) days of the original date of receipt, a working group meeting at which the applying region shall demonstrate non-interference conditions. At the conclusion of this working group meeting and upon satisfactory demonstration of non-interference, a letter of concurrence shall be sent as provided above.

DISPUTE RESOLUTION

(1) If the adjacent Region(s) cannot approve one or more of the applications in the request, the adjacent Region(s) shall document the reason(s) for partial concurrence or for non-concurrence, and shall respond via electronic mail within 10 (ten) calendar days of the review determination.

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

assignment matrix, the initiating Region shall file with the Commission a *Petition to Amend* its current Regional Plan's frequency matrix to reflect the new channel assignments, with a copy of the *Petition* sent to the adjacent Regional chairperson(s).

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Respectfully,

Region 28 Chairperson	Date
Region 30 Chairperson	Date
Region 33 Chairperson	Date
Region 36 Chairperson	Date
Region 55 Chairperson	March 9, 2007 Date

JCG/TCL

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Region 36, Western Pennsylvania

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

March 9, 2007

Mr. Richard Matason
Chairman - Region 36 700-MHz Planning Committee
911 Public Safety Drive
Greensburg, Pennsylvania 15601
Telephone: (724) 600-7301
FAX: (724) 600-7388
Email: Rmatason@co.westmoreland.pa.us

Regarding: **WTB Docket 02-378: 700-MHz Interregional Frequency-Coordination and Dispute-Resolution Procedures**

Dear Mr. Matason:

Region 55 has completed its public-safety communications plan for the General Use channels in the 764-776/794-806-MHz frequency band. In accordance with FCC rules (CFR 90.527), we are seeking concurrence for the interregional frequency-coordination and dispute-resolution procedures identified here.

Region 55 greatly appreciates your cooperation in expediting the approval of these procedures.

Should Region 36 have any questions or concerns regarding the information contained in the procedures, please notify me at your earliest possible convenience.

Respectfully submitted,

Captain Joseph C. Grube
Chairman Region 55 700/800-MHz Planning Committees
PH(716) 938–9191, ext. 2249 FX: (716) 938-6420

JCG/TCL

Page 1 of 5

COORDINATION PROCEDURES

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assignment matrix, the initiating Region shall file with the Commission a *Petition to Amend* its current Regional Plan's frequency matrix to reflect the new channel assignments, with a copy of the *Petition* sent to the adjacent Regional chairperson(s).

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III. CONCLUSION

3. IN AGREEMENT HERETO, Regions 28, 30, 33, 36, and 55 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 28 Chairperson	Date
Region 30 Chairperson	Date
Region 33 Chairperson	Date
Region 36 Chairperson	Date
Region 55 Chairperson	March 9, 2007 Date

JCG/TCL

Page 5 of 5

Appendix M
Interregional Dispute Resolution Approvals

INTERREGIONAL FREQUENCY-COORDINATION AND DISPUTE-RESOLUTION APPROVALS[1]

COORDINATION PROCEDURES

I. INTRODUCTION

1. This is a mutually agreed-upon Interregional Coordination Procedures Agreement (Agreement) by and between the 700-MHz Regional Planning Committees for the following Regions: 28, 30, 33, 36, and 55.

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JCG/TCL

Page 2 of 5

[1] At the time the Interregional Frequency-Coordination and Dispute-Resolution Procedures were prepared and delivered, Captain Joseph C. Grube was the FCC RPC 55 Chairperson.

Resource and Database (CAPRAD), or electronic mail with read receipt, or U.S. certified mail with return receipt.

f. The adjacent Region reviews the application within thirty (30) calendar days of receipt. If the application(s) is/are approved, a letter of concurrence shall be sent, via CAPRAD, or electronic mail with read receipt, or U.S. certified mail with return receipt to the initiating Regional chairperson within 10 (ten) calendar days of the review determination. If the adjacent region is unable to complete its review within thirty (30) days, the impacted regions will convene, within forty-five (45) days of the original date of receipt, a working group meeting at which the applying region shall demonstrate non-interference conditions. At the conclusion of this working group meeting and upon satisfactory demonstration of non-interference, a letter of concurrence shall be sent as provided above.

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

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

Respectfully,

Region 28 Chairperson	August 29, 2007 Date
Region 30 Chairperson	March 1, 2007 Date
Region 33 Chairperson	July 18, 2008 Date
Region 36 ~~Chairperson~~ CONVENOR	March 29, 2007 Date
Region 55 Chairperson	March 9, 2007 Date

Appendix N
Intraregional
Memorandum of Understanding

MEMORANDUM OF UNDERSTANDING

MEMORANDUM OF UNDERSTANDING between THE REGION 55 700-MHz APPLICANT (the "Applicant") and the FEDERAL COMMUNICATIONS COMMISSION REGION 55 700-MHz PLANNING COMMITTEE (RPC 55).

WHEREAS, on August 6, 1998, the Federal Communications Commission ("FCC") issued the First Report and Order (R&O) and Third Notice of Proposed Rule Making in WT Docket No. 96-86, adopting service rules for the 24 megahertz of spectrum in the 769- to 775-MHz and 799- to 805-MHz bands (collectively, the 700-MHz band).

NOW, THEREFORE, the parties here to agree upon the following understandings:

1. The Applicant agrees to design, implement, operate, and maintain its radio communications system according to the criteria set forth in the FCC station license.
2. The Applicant agrees to notify the FCC and RPC 55 of changes in system configuration or operations that impact geographic areas beyond its jurisdiction or protected service area.
3. The Applicant agrees to return unused pool allotment(s) and/or RPC channel assignments to the RPC for reassignment within five (5) years after the date the license is issued.
4. The effective date of the Memorandum of Understanding is _____. Each party reserves the right to terminate this MOU by withdrawing/returning the channel allotments and providing thirty (30) days advance written notice to the other. The advanced written notice shall include an explanation describing why either party desires to terminate the agreement.

WHEREFORE, THE PARTIES TO THIS INSTRUMENT HAVE AFFIXED THEIR SIGNATURES:

THE APPLICANT	**RPC 55**
By: _____	By: _____
Printed Name: _____	Printed Name: _____
Title: _____	Title: _____
Date: _____	Date: _____

Appendix O
700 MHz Narrowband Channel Plan

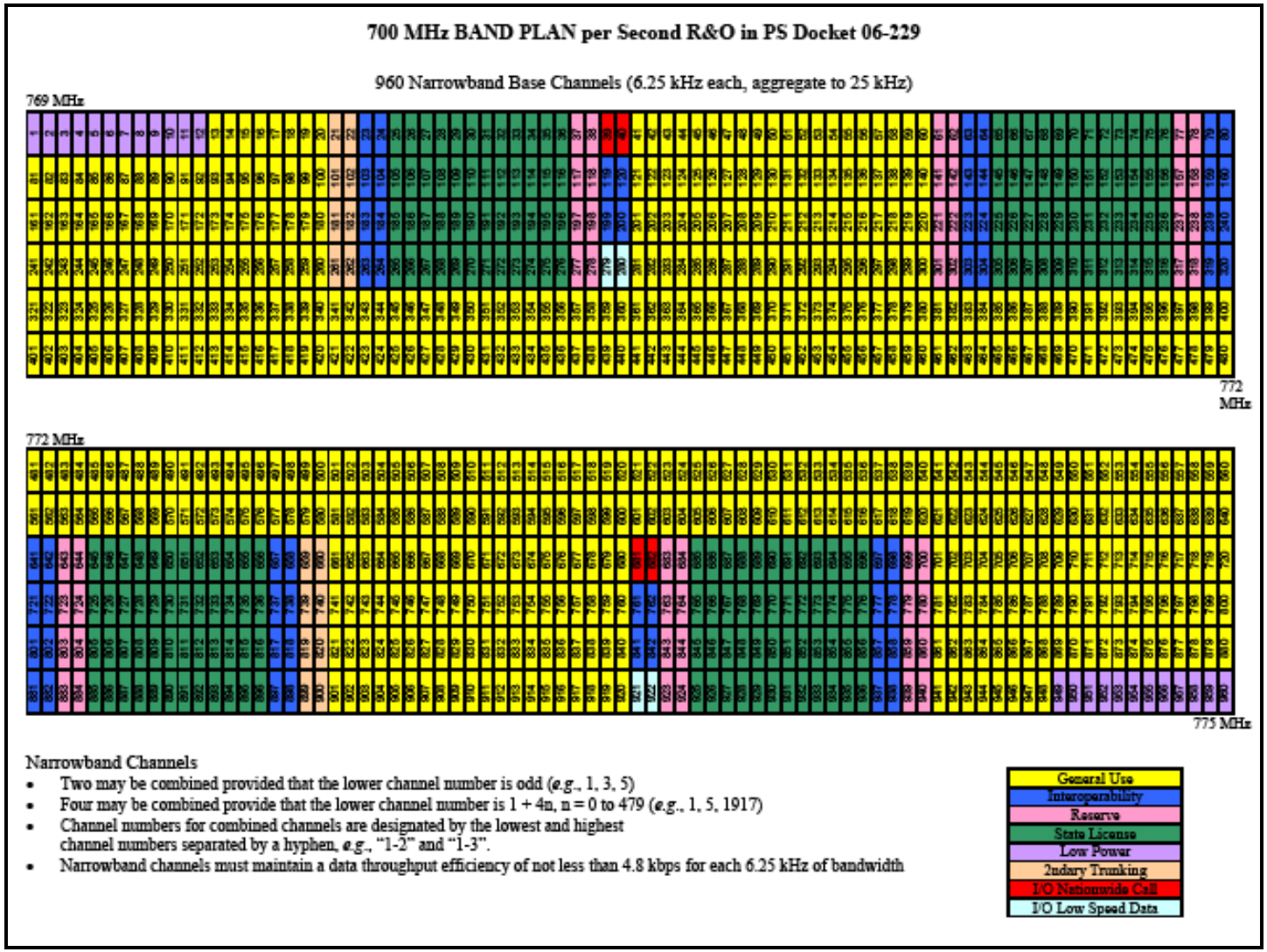
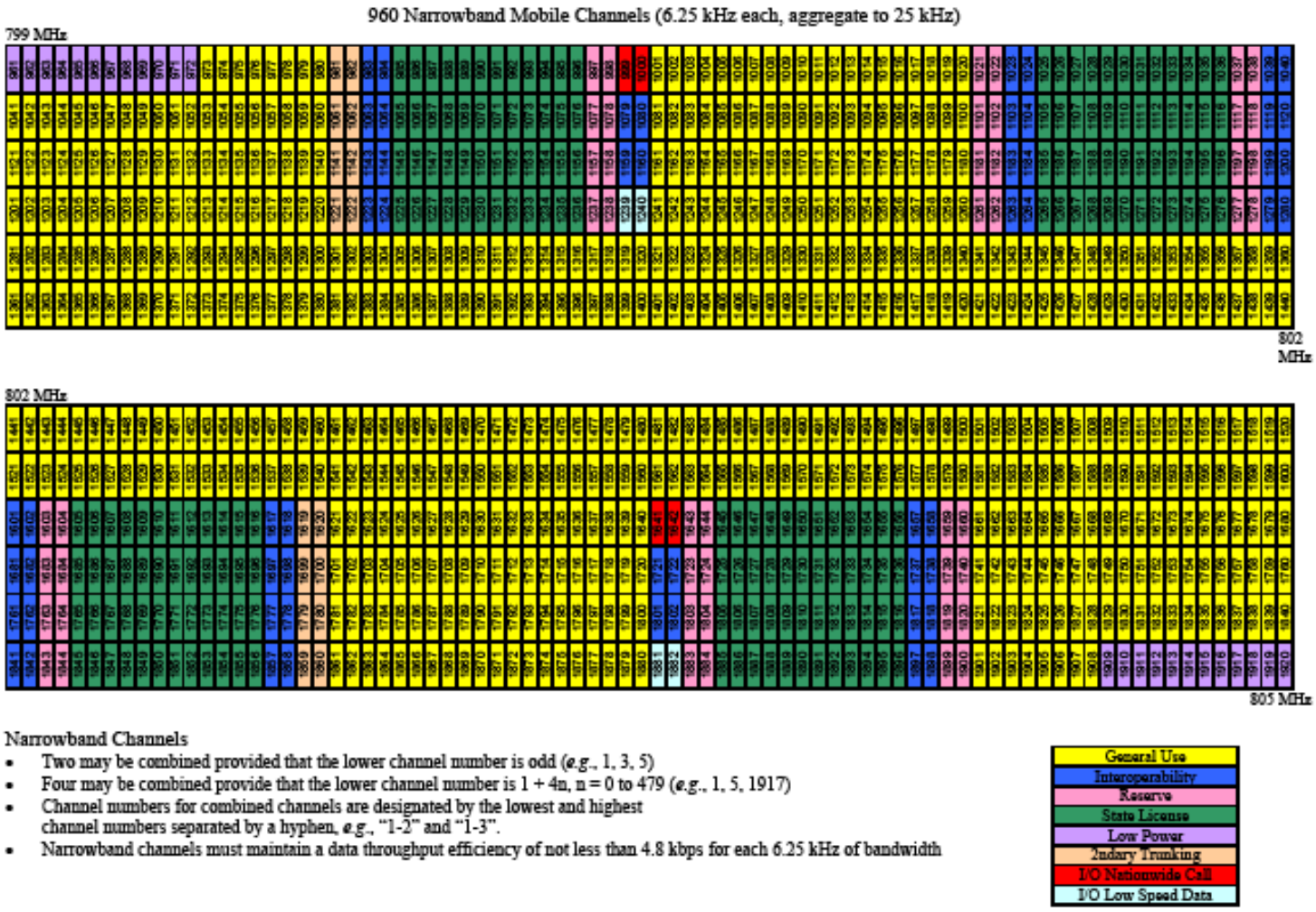


Figure O-1, 700-MHz Band Plan (Uplink)



Narrowband Channels

- Two may be combined provided that the lower channel number is odd (*e.g.*, 1, 3, 5)
- Four may be combined provide that the lower channel number is 1 + 4n, n = 0 to 479 (*e.g.*, 1, 5, 1917)
- Channel numbers for combined channels are designated by the lowest and highest channel numbers separated by a hyphen, *e.g.*, "1-2" and "1-3".
- Narrowband channels must maintain a data throughput efficiency of not less than 4.8 kbps for each 6.25 kHz of bandwidth

General Use
Interoperability
Reserve
State License
Low Power
2ndary Trunking
I/O Nationwide Call
I/O Low Speed Data

Figure O-2, 700-MHz Band Plan (Uplink)

Appendix P
Title 47 "Telecommunication"
Part 90 Quick Reference Guide

This section provides a quick-reference guide to the Code of Federal Regulations (CFR), in which general and permanent rules and regulations issued by a variety of executive departments are codified. CFRs are initially published in the Federal Register, after which the United States Government Printing Office (GPO)[1] is responsible for updating and maintaining them.

As discussed below, Title 47 is updated annually, on October 1. This quick-reference guide is intended to serve as a vehicle to familiarize public-safety personnel with CFRs and is provided for reference purposes only. The Committee highly encourages everyone to review the latest edition of the Title 47 CFR.

The emphasis of this quick-reference guide is on Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services[2], issued by the Federal Communications Commission (FCC).

Each title in the CFR is divided into chapters and parts, while large parts may be divided into subparts. Further, each part is organized as a section. Please refer to Figure P-1.

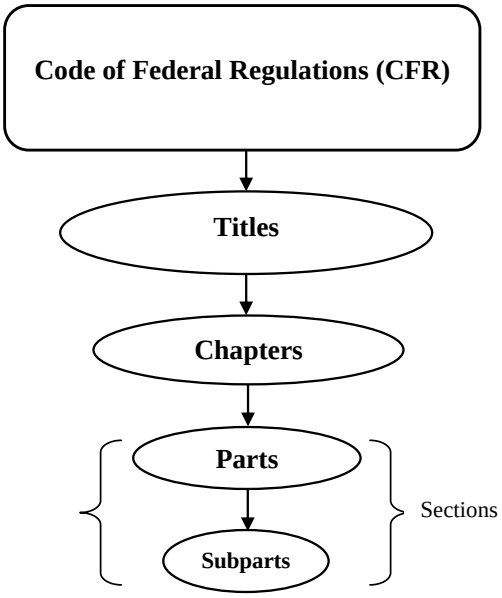


Figure P-1, CFR Structure

The CFRs are segmented into fifty (50) titles that address areas subject to Federal regulation. Each CFR title is updated once each calendar year and is issued on a quarterly basis:

- Titles 1-16 are updated as of January 1,
- Titles 17-27 are updated as of April 1,

[1] U.S. Government Print Office: http://www.gpo.gov/

[2] CFR Title 47, Telecommunication, Chapter 1, Part 90 Private Land Mobile Radio Services: http://www.access.gpo.gov/nara/cfr/waisidx_05/47cfr90_05.html

- Titles 28-41 are updated as of July 1, and
- Titles 42-50 are updated as of October 1.

Further, the GPO provides a comprehensive List of Sections Affected (LSA) by the scheduled updates[3].

Quick-Reference Guide

Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services, is currently[4] comprised of 289 sections. Table P-1 lists these sections and summarizes their contents.

Table P-1, CFR 47, Chapter 1, Part 90 Contents

Part/Section	Contents
90.1	Basis and purpose.
90.5	Other applicable rule parts.
90.7	Definitions.
90.15	**Scope - Defines radio communications licensing for governmental and public-safety entities.**
90.16	Public Safety National Plan.
90.20	Public Safety Pool.
90.22	Paging operations.
90.31	**Scope - Defines radio communications licensing for commercial entities.**
90.33	General eligibility.
90.35	Industrial/Business Pool.
90.101	**Scope - Eligibility and specifications for licensing radiolocation services.**
90.103	Radiolocation Service.
90.111	**Scope - Defines the requirements and conditions for licensing and operating commercial and private radio stations.**
90.115	Foreign government and alien eligibility.
90.119	Application requirements.
90.121	Canadian registration.
90.127	Submission and filing of applications.
90.129	Supplemental information to be routinely submitted with applications.
90.135	Modification of license.
90.137	Applications for operation at temporary locations.
90.138	Applications for itinerant frequencies.
90.149	License term.
90.155	Time in which station must be placed in operation.

[3] U.S. Government Print Office CFR Updates: http://www.gpoaccess.gov/lsa/index.html
[4] As of October 1, 2005

Part/Section	Contents
90.157	Discontinuance of station operation.
90.159	Temporary and conditional permits.
90.165	Procedures for mutually exclusive applications.
90.168	Equal employment opportunities.
90.169	Construction prior to grant of application.
90.171	**Scope - Specifies how the FCC assigns frequency allocations, discusses coordination procedures, and indicates which radio licenses may cooperatively share radio facilities.**
90.173	Policies governing the assignment of frequencies.
90.175	Frequency coordinator requirements.
90.176	Coordinator notification requirements on frequencies below 512 MHz or at 769-775/799-805 MHz.
90.179	Shared use of radio stations.
90.185	Multiple licensing of radio transmitting equipment in the mobile radio service.
90.187	Trunking in the bands between 150 and 512 MHz.
90.201	**Scope - Defines the functional (technical) specifications for frequency and equipment usage for radio services governed by this part (frequency tolerance, modulation, emissions, power, bandwidths).**
90.203	Certification required.
90.205	Power and antenna height limits.
90.207	Types of emissions.
90.209	Bandwidth limitations.
90.210	Emission masks.
90.212	Provisions relating to the use of scrambling devices and digital voice modulation.
90.213	Frequency stability.
90.214	Transient frequency behavior.
90.215	Transmitter measurements.
90.217	Exemption from technical standards.
90.219	Use of signal boosters.
90.231	**Scope - Defines the requirements and standards for the licensing and operation of non-voice and other specialized radio uses (other than radiolocation).**
90.233	Base/mobile non-voice operations.
90.235	Secondary fixed signaling operations.
90.237	Interim provisions for operation of radioteleprinter and radiofacsimile devices.
90.238	Telemetry operations.
90.241	Radio call box operations.
90.242	Travelers' information stations.
90.243	Mobile relay stations.
90.245	Fixed relay stations.
90.247	Mobile repeater stations.

Part/Section	Contents
90.248	Wildlife and ocean buoy tracking.
90.249	Control stations.
90.250	Meteor burst communications.
90.251	**Scope - Identifies special requirements applicable to the use of certain frequencies or frequency bands.**
90.253	Use of frequency 5167.5 kHz.
90.257	Assignment and use of frequencies in the band 72-76 MHz.
90.259	Assignment and use of frequencies in the bands 216-220 MHz and 1427-1432 MHz.
90.261	Assignment and use of the frequencies in the band 450-470 MHz for fixed operations.
90.263	Substitution of frequencies below 25 MHz.
90.264	Disaster communications between 2 and 10 MHz.
90.265	Assignment and use of frequencies in the bands allocated for Federal use.
90.266	Long distance communications on frequencies below 25 MHz.
90.267	Assignment and use of frequencies in the 450-470 MHz band for low-power use.
90.269	Use of frequencies for self-powered vehicle detectors.
90.273	Availability and use of frequencies in the 421-430 MHz band.
90.275	Selection and assignment of frequencies in the 421-430 MHz band.
90.279	Power limitations applicable to the 421-430 MHz band.
90.281	Restrictions on operational fixed stations in the 421-430 MHz band.
90.301	**Scope - Specifies the authorization and use of frequencies by land mobile stations in the 470-512 MHz band on a geographically shared basis with analog television Broadcast facilities.**
90.303	Availability of frequencies.
90.305	Location of stations.
90.307	Protection criteria.
90.309	Tables and figures.
90.311	Frequencies.
90.313	Frequency loading criteria.
90.315	Special provisions governing use of frequencies in the 476-494 MHz band (TV Channels 15, 16, 17) in the Southern Louisiana-Texas Offshore Zone.
90.317	Fixed ancillary signaling and data transmissions.
90.350	**Scope - Specifies how radio-based technologies can be integrated with transportation infrastructure to develop intelligent transportation systems (i.e. Location and Monitoring Service and Dedicated Short-Range Communications Service).**
90.351	Location and Monitoring Service.
90.353	LMS operations in the 902-928 MHz band.
90.355	LMS operations below 512 MHz.
90.357	Frequencies for LMS systems in the 902-928 MHz band.
90.359	Field strength limits for EA-licensed LMS systems.
90.361	Interference from part 15 and Amateur operations.

Part/Section	Contents
90.363	Grandfathering provisions for existing AVM licensees.
90.365	Partitioned licenses and disaggregated spectrum.
90.371	Dedicated short-range communications service.
90.373	Eligibility in the DSRCS.
90.375	RSU license areas, communication zones and registrations.
90.377	Frequencies available; maximum EIRP and antenna height, and priority communications.
90.379	ASTM E2213-03 DSRC Standard (ASTM-DSRC Standard).
90.383	RSU sites near the U.S./Canada or U.S./Mexico border.
90.401	**Scope - Defines the operating requirements for stations licensed under this part (station operating procedures, points of communications, station identification, et cetera).**
90.403	General operating requirements.
90.405	Permissible communications.
90.407	Emergency communications.
90.411	Civil defense communications.
90.415	Prohibited uses.
90.417	Interstation communication.
90.419	Points of communication.
90.421	Operation of mobile station units not under the control of the licensee.
90.423	Operation on board aircraft.
90.425	Station identification.
90.427	Precautions against unauthorized operation.
90.429	Control point and dispatch point requirements.
90.431	Unattended operation.
90.433	Operator requirements.
90.437	Posting station licenses.
90.439	Inspection of stations.
90.441	Inspection and maintenance of antenna structure marking and associated control equipment.
90.443	Content of station records.
90.445	Form of station records.
90.447	Retention of station records.
90.460	**Scope - Defines acceptable transmitter control and interconnection.**
90.461	Direct and remote control of transmitters.
90.463	Transmitter control points.
90.465	Control of systems of communication.
90.467	Dispatch points.
90.469	Unattended operation.
90.471	Points of operation in internal transmitter control systems.

Part/Section	Contents
90.473	Operation of internal transmitter control systems through licensed fixed control points.
90.475	Operation of internal transmitter control systems in specially equipped systems.
90.476	Interconnection of fixed stations and certain mobile stations.
90.477	Interconnected systems.
90.483	Permissible methods and requirements of interconnecting private and public systems of communications.
90.490	One-way paging operations in the private services.
90.492	One-way paging operations in the 806-824/851-869 MHz and 896-901/935-940 MHz bands.
90.493	Paging operations on exclusive channels in the 929-930 MHz band.
90.494	Paging operations on shared channels in the 929-930 MHz band.
90.501	**Scope - Specifies additional requirements for filing developmental license applications, including special requirements regarding developmental operation, restrictions on operations, et cetera.**
90.503	Eligibility.
90.505	Showing required.
90.507	Limitations on use.
90.509	Frequencies available for assignment.
90.511	Interference.
90.513	Special provisions.
90.515	Change or cancellation of authorization without hearing.
90.517	Report of operation.
90.521 Subpart R	**Scope - Specifies the regulations governing the licensing and operations of all systems operating in the 763-775 MHz and 793-805 MHz frequency bands, including eligibility, operational, planning and licensing requirements and technical standards for stations licensed in these bands.**
90.523	Eligibility.
90.525	Administration of Interoperability channels.
90.527	Regional plan requirements.
90.529	State License.
90.531	Band plan.
90.533	Transmitting sites near the U.S./Canada or U.S./Mexico border.
90.535	Modulation and spectrum usage efficiency requirements.
90.537	Trunking requirement.
90.539	Frequency stability.
90.541	Transmitting power limits.
90.543	Emission limitations.
90.545	TV/DTV interference protection criteria.
90.547	Narrowband Interoperability channel capability requirement.
90.548	Interoperability Technical Standards.
90.549	Transmitter certification.

Part/Section	Contents
90.551	Construction requirements.
90.553	Encryption.
90.601 Subpart S	**Scope - Specifies the regulations governing the licensing and operations of all systems operating in the 806-824/851-869 MHz and 896-901/935-940 MHz bands, including eligibility, operational, planning and licensing requirements and technical standards for stations licensed in these bands.**
90.603	Eligibility.
90.605	Forms to be used.
90.607	Supplemental information to be furnished by applicants for facilities under this subpart.
90.609	Special limitations on amendment of applications for assignment or transfer of authorizations for radio systems above 800 MHz.
90.613	Frequencies available.
90.614	Cellular and non-cellular portions of 806-824/851-869 MHz band for non-border areas.
90.615	Individual channels available in the General Category in 806-824/851-869 MHz band.
90.617	Frequencies in the 809.750-824/854.750-869 MHz, and 896-901/935-940 MHz bands available for trunked, conventional or cellular system use in non-border areas.
90.619	Operations within the U.S./Mexico and U.S./Canada border areas.
90.621	Selection and assignment of frequencies.
90.623	Limitations on the number of frequencies assignable for conventional systems.
90.625	Other criteria to be applied in assigning channels for use in conventional systems of communication.
90.627	Limitation on the number of frequency pairs that may be assignable for trunked systems and on the number of trunked systems.
90.629	Extended implementation period.
90.631	Trunked systems loading, construction and authorization requirements.
90.633	Conventional systems loading requirements.
90.635	Limitations on power and antenna height.
90.637	Restrictions on operational fixed stations.
90.645	Permissible operations.
90.647	Station identification.
90.651	Supplemental reports required of licensees authorized under this subpart.
90.653	Number of systems authorized in a geographical area.
90.655	Special licensing requirements for Specialized Mobile Radio systems.
90.656	Responsibilities of base station licensees of Specialized Mobile Radio systems.
90.658	Loading data required for base station licensees of trunked Specialized Mobile Radio systems to acquire additional channels or to renew trunked systems licensed before June 1, 1993.
90.661	MTA-based SMR service areas.
90.663	MTA-based SMR system operations.
90.665	Authorization, construction, and implementation of MTA licenses.

Part/Section	Contents
90.667	Grandfathering provisions for incumbent licensees.
90.669	Emission limits.
90.671	Field strength limits.
90.672	Unacceptable interference to non-cellular 800-MHz licensees from ESMR or Part 22 Cellular Radiotelephone systems.
90.673	Obligation to abate unacceptable interference.
90.674	Interference resolution procedures before, during, and after band reconfiguration.
90.675	Information exchange.
90.676	Transition administrator for reconfiguration of the 806-824/851-869 MHz band in order to separate cellular systems from non-cellular systems.
90.677	Reconfiguration of the 806-824/851-869 MHz band in order to separate cellular systems from non-cellular systems.
90.681	EA-based SMR service areas.
90.683	EA-based SMR system operations.
90.685	Authorization, construction, and implementation of EA licenses.
90.687	Special provisions regarding assignments and transfers of authorizations for incumbent SMR licensees in the 809-824/854-869 MHz band.
90.689	Field strength limits.
90.691	Emission mask requirements for EA-based systems.
90.693	Grandfathering provisions for incumbent licensees.
90.699	Transition of the upper 200 channels in the 800-MHz band to EA licensing.
90.701	**Scope - Specifies frequency usage in the 220-222 MHz band for land mobile and fixed use radio services (government and non-government operations).**
90.703	Eligibility.
90.705	Forms to be used.
90.709	Special limitations on amendment of applications and on assignment or transfer of authorizations licensed under this subpart.
90.711	Processing of Phase II applications.
90.713	Entry criteria.
90.715	Frequencies available.
90.717	Channels available for nationwide systems in the 220-222 MHz band.
90.719	Individual channels available for assignment in the 220-222 MHz band.
90.720	Channels available for public safety/mutual aid.
90.721	Other channels available for non-nationwide systems in the 220-222 MHz band.
90.723	Selection and assignment of frequencies.
90.725	Construction requirements for Phase I licensees.
90.727	Extended implementation schedules for Phase I licensees.
90.729	Limitations on power and antenna height.
90.733	Permissible operations.
90.735	Station identification.
90.737	Supplemental reports required of Phase I licensees.

Part/Section	Contents
90.739	Number of systems authorized in a geographical area.
90.741	Urban areas for Phase I nationwide systems.
90.743	Renewal expectancy.
90.745	Phase I licensee service areas.
90.751	Minor modifications of Phase I, non-nationwide licenses.
90.753	Conditions of license modification.
90.757	Construction requirements.
90.761	EA and Regional licenses.
90.763	EA, Regional and nationwide system operations.
90.765	Licenses term for Phase II licenses.
90.767	Construction and implementation of EA and Regional licenses.
90.769	Construction and implementation of Phase II nationwide licenses.
90.771	Field strength limits.
90.801	900-MHz SMR spectrum subject to competitive bidding.
90.804	Aggregation of 900-MHz SMR licenses.
90.807	Submission of upfront payments.
90.809	License grants.
90.810	Bidding credits for small businesses.
90.811	Reduced down payment for licenses won by small businesses.
90.813	Partitioned licenses and disaggregated spectrum.
90.814	Definitions.
90.815	Records maintenance and definitions.
90.816	Criteria for comparative 900-MHz SMR renewal proceedings.
90.901	800-MHz SMR spectrum subject to competitive bidding.
90.903	Competitive bidding mechanisms.
90.904	Aggregation of EA licenses.
90.909	License grants.
90.910	Bidding credits.
90.911	Partitioned licenses and disaggregated spectrum.
90.912	Definitions.
90.913	Record maintenance and definitions.
90.1001	220-MHz service subject to competitive bidding.
90.1017	Bidding credits for small businesses and very small businesses.
90.1019	Eligibility for partitioned licenses.
90.1021	Definitions concerning competitive bidding process.
90.1023	Records maintenance and definitions.
90.1025	Limitations on settlements.
90.1101	Location and Monitoring Service subject to competitive bidding.
90.1103	Designated entities.

Part/Section	Contents
90.1201 Subpart Z	Scope - Specifies regulations for use of the 4940-4990 MHz (4.9-GHz) band, including eligibility, and functional (technical) and operational standards.
90.1203	Eligibility.
90.1205	Permissible operations.
90.1207	Licensing.
90.1209	Policies governing the use of the 4940-4990 MHz band.
90.1211	Regional plan.
90.1213	Band plan.
90.1215	Power limits.
90.1217	RF Hazards.
90.1301	**Scope - Specifies regulations for use of the 3650-3700 MHz band, including eligibility, and functional (technical) and operational standards.**
90.1303	Eligibility.
90.1305	Permissible operations.
90.1307	Licensing.
90.1309	Regulatory status.
90.1311	License term.
90.1312	Assignment and transfer.
90.1319	Policies governing the use of the 3650-3700 MHz band.
90.1321	Power and antenna limits.
90.1323	Emission limits.
90.1331	Restrictions on the operation of base and fixed stations.
90.1333	Restrictions on the operation of mobile and portable stations.
90.1335	RF safety.
90.1337	Operation near Canadian and Mexican borders.

Appendix Q
Executive Summary of 700 MHz US - Canada Sharing Agreement

This section provides an executive summary of the 700-MHz border-sharing agreement between the Government of the United States of America and the Government of Canada.

This executive summary is intended to familiarize public-safety personnel with the Agreement and is provided for reference purposes only. The Committee highly encourages everyone involved in 700-MHz communications in this region to review the Agreement[1] included in Appendix S.

Purpose and Scope

The Agreement was signed into effect on June 20, 2005 by the United States Department of State and the Ambassador of Canada. The Agreement specifies the functional (technical) and non-functional 700-MHz (764-776/794-806 MHz) public-safety usage parameters for the United States - Canada border region, including:

- Geographic usage and specific Sharing and Protection Zones on each side of the border;
- Channel assignment, coordination, and information-exchange requirements;
- Channel-sharing agreements;
- Standard and interoperability channels available to both countries in the zones and sectors;
- Effective Radiated Power (ERP) and Effective Antenna Height (EAH) limits; and
- Desired to Undesired (D/U) analog and digital television protection ratios.

Sharing Zones and Sectors

As identified in Section 2 of the Agreement, the United States - Canadian border is divided into three (3) Sharing Zones. Zone One is further divided into two (2) sectors. RPCs 30 and 55 in New York State are contained within Zone One, Sector Two. Sector Two is defined as the west-to-east geographic area between 80º 30′ West longitude and 71º West longitude. The City of Syracuse, New York is considered to fall outside both the Sharing Zones and the Protection Zones and, therefore, is exempt from the limitations[2]. Please refer to Figure Q-1 Protection Zone.

[1] FCC International Agreements: http://www.fcc.gov/ib/sand/agree/can_frequency.html

[2] U.S. cities that have significant population centers and are not located close to the International border (Akron OH, Youngstown OH, and Syracuse NY) are exempt from the functional and non-functional restrictions in the sharing and protection zones.

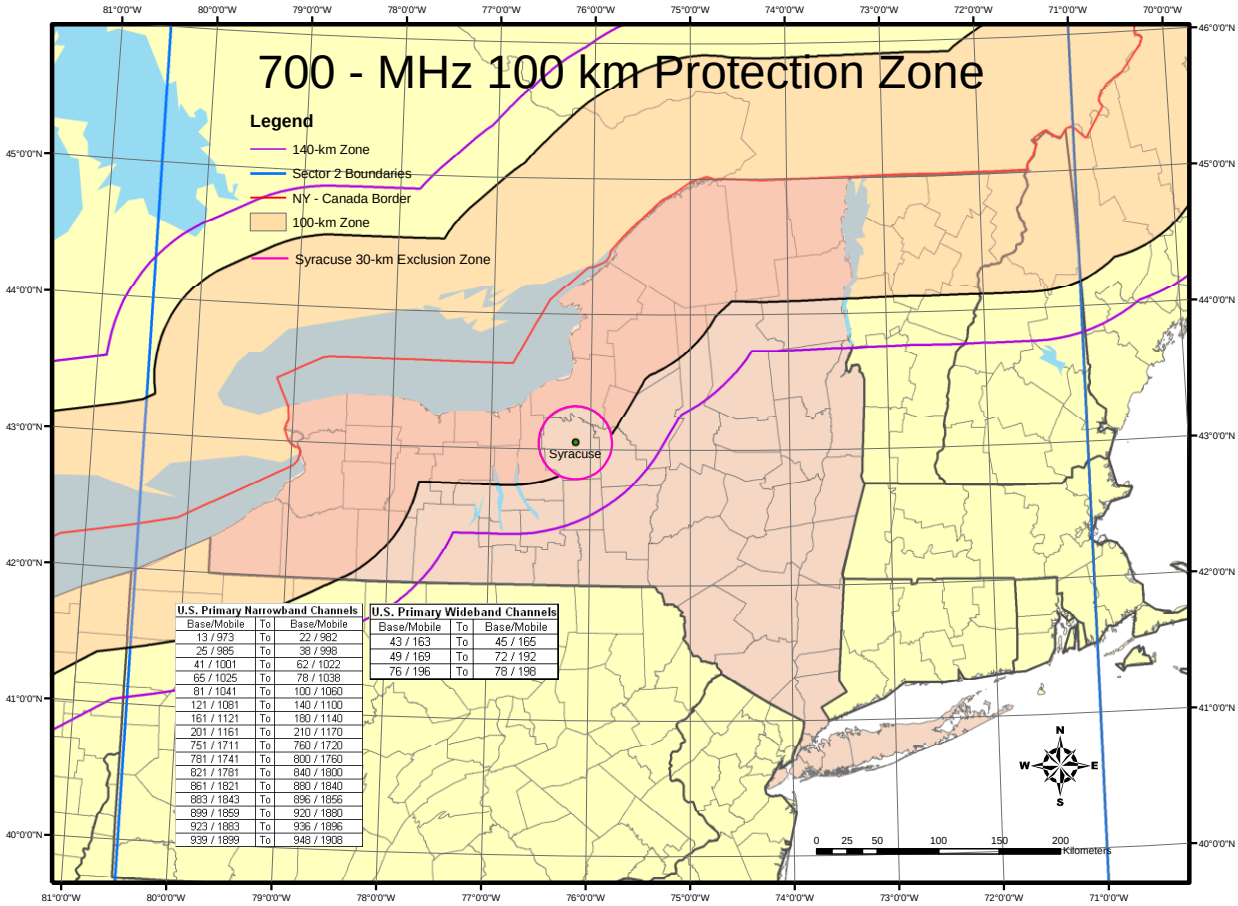


Figure Q-1, Zone One, Sector Two Protection Zone

In Zone One, Sector Two, the United States and Canada have unrestricted geographic use of the channels identified in the Agreement; however, each must adhere to varying restrictions in both the Sharing Zones and Protection Zones. Please refer to Table Q-1, and to Table Q-2, included in Section 2.2. These tables identify the channels available for use by the United States in Sharing Zone One, Sector Two.

Sharing Zone One

Within Sharing Zone One, all public-safety agencies are permitted to employ their assigned channels in the 764- to 776-MHz and 794- to 806-MHz bands; however, they must adhere to ERP and EAH limits provided in the subsection on ERP and Antenna-Height Limitations, which follows. This requires licensees to ensure that there is no harmful interference to the channel assignments beyond the band edges.

Further, all licensees shall protect one another's analog and digital television stations operating in their respective areas in the 764-776/794-806 MHz band.[3] Please refer to Section 4.4 in the Agreement for further information.

Protection Zone

The Protection Zone extends 100 to 140 kilometers (km) away from the United States - Canada border within both countries. Similarly to the Sharing Zone situation, all public-safety agencies are permitted to employ their assigned channels in the 764-776/794-806 MHz band; however, they must adhere to ERP, EAH, and analog/digital television protection limits documented in the subsection on ERP and Antenna-Height Limitations, which follows.

Further, if harmful interference to base stations is experienced by United States and/or Canadian licensees, the impacted parties shall take appropriate actions to resolve such interference.

Beyond 140 km from the United States - Canada border, licensees have unrestricted use of the channels; however, they must adhere to the following: 1) provide full protection to analog and digital television stations operating in the 764-776/794-806 MHz band and 2) adhere to the regulations established in both countries.

Information Exchange

All licensees shall exchange information pertaining to their assigned frequency or frequencies within 140 km of the Canada - United States border at least every three (3) months. Information pertaining to proposed or planned channel assignments should be exchanged at least once per year. Such information-exchange reports shall include the following information pertaining to the holder's station license(s):

- Licensee identifier;
- Station class;
- The number of base and mobile stations and their location coordinates;
- Frequency or frequencies licensed;
- Locality or geographic area of signal reception;
- Class of emission and necessary bandwidth;
- Mean power delivered to the antenna(s);
- Antenna gain (dB) and azimuth, where available; and
- Antenna elevation above mean sea level (MSL).

[3] TV channels: 62, 63, 64, 65, 67, 68, and 69.

Interoperability Channels

Usage of the interoperability channels that are identified in the 700-MHz band plan, in the Fourth Memorandum Opinion & Order (MO&O), WT Docket 96-86, and that are located in the Sharing and Protection Zones may be locally coordinated in accordance with the interoperability requirements of the United States and Canadian licensees.

Low-Power Channels

Usage of low-power channels identified in the 700-MHz band plan, in the Fourth Memorandum Opinion & Order (MO&O), WT Docket 96-86, and in the Sharing and Protection Zones, are subject to the following limits: 1) The low-power channels are available for mobile operations only, 2) The low-power channels shall be available for each licensee's use on an unprotected basis, and 3) The low-power channels are limited to a maximum ERP of two (2) watts.

Coordination

Because the spectrum is divided, portions of the bands allotted in the United States and Canada overlap and require coordination. RPCs 30 and 55 are not subject to coordination activities, as their boundaries fall outside the geographical area in which coordination is required. Please see Section 6 of the Agreement for additional information.

Sharing Arrangements

Channels allotted for the primary, unrestricted use of one licensee (e.g., the United States) may be assigned by another licensee (i.e., Canada) for use within the Sharing Zones in its country under the following conditions:

- In Sharing Zone One, the maximum Power Flux Density (PFD) at or beyond the border of the primary user's country shall not exceed -121 dBW/m^2/kHz.
- Sound engineering practices and generally accepted terrain-sensitive propagation models — with time and location variabilities of 10% each, and at least standard three (3) arc-second digitized terrain data — shall be used. All data utilized during the analysis shall be disclosed upon request by either licensee.
- Radio stations under this provision shall be considered as secondary: they neither shall be granted protection against harmful interference from stations that have primary use of their authorized frequency or frequencies, nor shall they cause harmful interference to stations having primary use of their authorized frequency or frequencies — regardless of whether they meet the PFD values specified in the Agreement.
- Mobile Stations (MSs) with more than five (5) watts of Transmitter Power Output (TPO) shall not be operated in the frequency or frequencies allotted for primary, unrestricted use of the other licensees within thirty (30) km of the border.
- If actual signal levels are found to exceed the limits specified in the Agreement and/or harmful interference is experienced by the United States and/or Canada, the impacted parties shall take appropriate actions to resolve such interference.

Please refer to Section 7 of the Agreement for further information.

Selected Items of Interest from the Agreement

Zone 1, Sector 2 United States Primary Narrowband & Wideband Channels[4][5]

Table Q-1, U.S. Narrowband Channel Numbers

(Base Mobile)		(Base Mobile)
13/973	to	22/982
25/985	to	38/998
41/1001	to	62/1022
65/1025	to	78/1038
81/1041	to	100/1060
121/1081	to	140/1100
161/1121	to	180/1140
201/1161	to	210/1170
751/1711	to	760/1720
781/1741	to	800/1760
821/1781	to	840/1800
861/1821	to	880/1840
883/1843	to	896/1856
899/1859	to	920/1880
923/1883	to	936/1896
939/1899	to	948/1908

Table Q-2, U.S. Wideband Channel Numbers

(Base Mobile)		(Base Mobile)
43/163	to	45/165
49/169	to	72/192
76/196	to	78/198

[4] **As of the date this proposed Regional Plan was submitted to the FCC, the 700-MHz Border Sharing Agreement between the U.S. and Canada has not been revised to reflect the reconfiguration of the 700-MHz band as per the Second R&O, adopted on July 31, 2007.**
[5] Adopted from Annex A6, Tables 6a and 6b.

Zone 1, Sector 2 Canada Primary Narrowband & Wideband Channels[6][7]

Table Q-3, Canada Narrowband Channel Numbers

(Base Mobile)		(Base Mobile)
101/1061	to	102/1062
105/1065	to	118/1078
141/1101	to	142/1102
145/1105	to	158/1118
181/1141	to	182/1142
185/1145	to	198/1158
211/1171	to	222/1182
225/1185	to	238/1198
241/1201	to	262/1222
265/1225	to	278/1238
281/1241	to	302/1262
305/1265	to	318/1278
321/1281	to	480/1440
481/1441	to	640/1600
643/1603	to	656/1616
659/1619	to	680/1640
683/1643	to	696/1656
699/1659	to	720/1680
723/1683	to	736/1696
739/1699	to	750/1710
763/1723	to	776/1736
779/1739	to	780/1740
803/1763	to	816/1776
819/1779	to	820/1780
843/1803	to	856/1816
859/1819	to	860/1820

[6] **As of the date this proposed Regional Plan was submitted to the FCC, the 700-MHz Border Sharing Agreement between the U.S. and Canada has not been revised to reflect the reconfiguration of the 700-MHz band as per the Second R&O, adopted on July 31, 2007.**

[7] Adopted from Annex A5, Tables 5a and 5b.

Table Q-4, Canada Wideband Channel Numbers

(Base Mobile)		(Base Mobile)
1/121	to	27/147
31/151	to	36/156
40/160	to	42/162
79/199	to	81/201
85/205	to	90/210
94/214	to	120/240

ERP and Antenna-Height Limitations[8]

ERP is defined as the product of the power supplied to the antenna and its gain relative to a half-wave dipole in a given direction.

For base stations in Sharing Zones One and Three, Sectors One and Two, as well as in the Protection Zones, ERP and EAH limitations must be adhered to. For this case, EAH is calculated by subtracting the Assumed Average Terrain Elevation provided in Table B3 of the Agreement from the antenna height above mean sea level. Please refer to Table Q-5.

Table Q-5, ERP and EAH Limits

Effective Antenna Height (EAH)		ERP Watts (maximum)
Meters	Feet	
0-152	0-500	500
153-305	501-1000	125
306-457	1001-1500	40
458-609	1501-2000	20
610-914	2001-3000	10
915-1066	3001-3500	5

[8] Adopted from Annex B.

Appendix R
700 MHz Border Sharing Agreement Between the United States & Canada

DEPARTMENT OF STATE

WASHINGTON

June 20, 2005

Excellency:

I have the honor to refer to your Note No. UNEC0083 dated June 15, 2005, with its attached Arrangement, proposing an amendment to the Exchange of Notes between the Government of the United States of America and the Government of Canada concerning the coordination and use of radio frequencies above thirty megacycles per second, done in Ottawa, October 24, 1962, as amended.

I have the further honor to inform you that the proposed amendment set forth in your Note and its attached Arrangement are acceptable to the Government of the United States of America and to concur with the proposal that your Note with its attached Arrangement and this reply shall constitute an

His Excellency
Frank McKenna,
Ambassador of Canada.

DIPLOMATIC NOTE

2

Agreement between the Government of the United States of America and the Government of Canada, which shall enter into force on the date of this Note.

Accept, Excellency, the renewed assurances of my highest consideration.

For the Secretary of State:

Canadian Embassy Ambassade du Canada

Washington, D.C., June 15, 2005

Note No. UNEC0083

Excellency,

I have the honour to refer to discussions which have taken place between representatives of the Government of Canada and the Government of the United States of America, relating to a proposed Amendment to the Exchange of Notes between the Government of Canada and the Government of the United States of America concerning the coordination and use of radio frequencies above thirty megacycles per second, done in Ottawa, October 24, 1962, as amended previously by Exchanges of Notes dated June 16 and 24, 1965, February 26 and April 7, 1982, and November 2, 1993 and January 4, 1994, (hereinafter "the 1962 Agreement").

The proposed Amendment to the 1962 Agreement provides for a new Technical Annex (attached herewith and referred to as "the Arrangement") regarding sharing of the portion of the radiofrequency spectrum between 764-776 MHz and 794-806 MHz near the border[1].

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1 These portions of the radiofrequency spectrum are presently covered by an Exchange of Notes between the Government of Canada and the Government of the United States of America constituting an Agreement concerning the Use of Frequency Bands for Television Broadcasting and the Associated Arrangement (with Annexes), done at Washington, November 3, 1993 and January 5, 1994.

- 2 -

Accordingly, I have the honour to request the concurrence of the Government of the United States of America to the attached Arrangement and propose that it be annexed to the 1962 Agreement as "Arrangement G" and that the Index to the Technical Annex of the 1962 Agreement (hereinafter "the Index") be modified by adding, after Item 35, new items that would read as follows:

Item	Frequency Bands Mc/s	Authorized Coordination Agencies or Channels		Coordinating Arrangements and Remarks
		U.S.	Canada	
35 bis	764-776	FCC	IC	Arrangement G
35 ter	794-806	FCC	IC	Arrangement G

As a consequence of the addition of these two items to the Index, I have the honour to propose that the current Item "35 bis," in the Index, be modified to read Item "35 quar."

- 3 -

I have the further honour to propose that, if the foregoing is acceptable to the Government of the United States of America, this Note, including the attached Arrangement, which is equally authentic in English and French, and Your Excellency's Note in reply, shall constitute an Agreement between our two Governments which shall enter into force on the date of Your Excellency's Note in reply.

Please accept, Excellency, the renewed assurances of my highest consideration.

Frank McKenna

Ambassador of Canada

Her Excellency Condoleezza Rice
Secretary of State of the United States of America

Canadian Embassy - Ambassade du Canada
WASHINGTON

SHARING ARRANGEMENT BETWEEN THE DEPARTMENT OF INDUSTRY OF CANADA AND THE FEDERAL COMMUNICATIONS COMMISSION OF THE UNITED STATES OF AMERICA CONCERNING THE USE OF THE FREQUENCY BANDS 764 TO 776 MHZ AND 794 TO 806 MHZ BY THE LAND MOBILE SERVICE ALONG THE CANADA-UNITED STATES BORDER

1. Scope

1.1. This Arrangement between the Department of Industry of Canada (Industry Canada), and the Federal Communications Commission (FCC), of the United States of America (U.S.), herein referred to as the Agencies, covers the sharing and coordination of frequency spectrum for the establishment and operation of land mobile radio services operating in the bands 764-776 MHz and 794-806 MHz along the United States-Canada border.

1.2. In their assignments to the land mobile service in the bands 764-776 MHz and 794-806 MHz along the United States-Canada border, the Agencies shall not claim protection from television (TV) stations that were established in accordance with the conditions stated in the Letter of Understanding Between the Federal Communications Commission of the United States of America and Industry Canada Related to the Use of the 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-806 MHz Bands for Digital Television Broadcasting Service Along the Common Border. Further, assignments for use of any frequency in the bands 764-776 MHz and 794-806 MHz by the land mobile service along the United States - Canada border must meet the requirements listed in paragraph 4.4.

1.3. This Arrangement is subject to review at any time at the request of either Administration.

2. Sharing and Protection Zones

There are three Sharing Zones:

2.1. Sharing Zone I

This Sharing Zone is the area adjacent to the United States-Canada border East of longitude 121° 30' W. and extending a distance of 100 km within either country.

In the Great Lakes area there are significant land areas that are within 100 km of the international border between the United States and Canada, but further than 100 km from any land mass of the other country. These areas contain several significant population centers that would benefit from additional spectrum if the lake shores were considered for purposes of sharing. With this in mind, the following cities shall be considered as falling outside of Sharing Zone I: in the United States, Akron, Ohio; Youngstown, Ohio; Syracuse, New York; and in Canada, Kitchener-Waterloo, Ontario; Peterborough, Ontario. These cities are defined in Annex B, Table B4 as an area with the given centre coordinates and encompassing a circle of 30 km radius.

2.2. **Sharing Zone II**

This Sharing Zone is the area adjacent to the United States-Canada border between 121° 30' and 127° W. longitude and extending a distance of 140 km within either country.

2.3. **Sharing Zone III**

This Sharing Zone is the area adjacent to the Alaska-British Columbia/Yukon Territory border and extending a distance of 100 km within either country.

2.4. **Protection Zones**

The Protection Zones are the areas adjacent to Sharing Zones I and III and extending from 100 km to 140 km away from the United States-Canada border within both countries. There is no Protection Zone associated with Sharing Zone II.

3. General Sharing Arrangement

3.1. **Paired Channeling Arrangements**

Within the Sharing Zones and Protection Zones, the Agencies will use the spectrum on the basis of a paired frequency channeling plan with base station transmitters in the frequency band 764-776 MHz and mobile station transmitters in the frequency band 794-806 MHz. A mobile station may also transmit on any frequency assigned to its associated base station. Base station to base station transmissions may occur in either frequency band 764-776 MHz or 794-806 MHz.[1]

The channels referred to in this Arrangement are defined in Annex A.

3.2. **Distribution/Allotment of Frequencies**

The frequency bands covered by this Arrangement are to be shared along the border, as indicated below.

3.2.1. Canada

In the Sharing Zones within Canada, except as specified in paragraph 5, Canada has unrestricted geographic use of the channels in the frequency bands 764.000 to 776.000 MHz and 794.000 to 806.000 MHz as listed in Annex A, Tables 1a and 1b.

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[1] For purposes of this arrangement, base to base transmissions include fixed (repeater) and fixed (control) operations.

3.2.2. United States

In the Sharing Zones within the United States, except as specified in paragraph 5, the United States has unrestricted geographic use of the channels in the frequency bands 764.000 to 776.000 MHz and 794.000 to 806.000 MHz as listed in Annex A, Tables 2a and 2b.

3.2.3. Shared Channels

(a) Interoperability Channels

The following paired channels are to be available as public safety interoperability channels.[2] These channels are available for each Agency's use in all areas. Usage of these channels in the sharing zones may be locally coordinated in accordance with the interoperability requirements of the Canadian and U.S. licencees.

Narrowband Base/Mobile Channels			
(base/mobile)	**To**	**(base/mobile)**	**Designation**
23 / 983	To	24 / 984	I/O (Interoperability)
39 / 999	To	40 / 1000	I/O Calling
63 / 1023	To	64 / 1024	I/O
79 / 1039	To	80 / 1040	I/O
103 / 1063	To	104 / 1064	I/O
119 / 1079	To	120 / 1080	I/O
143 / 1103	To	144 / 1104	I/O
159 / 1119	To	160 / 1120	I/O
183 / 1143	To	184 / 1144	I/O
199 / 1159	To	200 / 1160	I/O
223 / 1183	To	224 / 1184	I/O
239 / 1199	To	240 / 1200	I/O
263 / 1223	To	264 / 1224	I/O
279 / 1239	To	280 / 1240	I/O Low Speed Data
303 / 1263	To	304 / 1264	I/O
319 / 1279	To	320 / 1280	I/O
641 / 1601	To	642 / 1602	I/O
657 / 1617	To	658 / 1618	I/O
681 /1641	To	682 / 1642	I/O Calling
697 / 1657	To	698 / 1658	I/O
721 / 1681	To	722 / 1682	I/O
737 / 1697	To	738 / 1698	I/O
761 / 1721	To	762 / 1722	I/O

[2] Interoperability channels are to be used only for coordination of tactical communications between different public safety agencies or among the same public safety agency, or for other similar emergency communications.

Narrowband Base/Mobile Channels			
(base/mobile)	To	(base/mobile)	Designation
777 / 1737	To	778 / 1738	I/O
801 / 1761	To	802 / 1762	I/O
817 / 1777	To	818 / 1778	I/O
841 / 1801	To	842 / 1802	I/O
857 / 1817	To	858 / 1818	I/O
881 / 1841	To	882 / 1842	I/O
897 / 1857	To	898 / 1858	I/O
921 / 1881	To	922 / 1882	I/O Low Speed Data
937 / 1897	To	938 / 1898	I/O

Wideband Base/Mobile Channels			
(base/mobile)	To	(base/mobile)	Designation
28 / 148	To	30 / 150	I/O
37 / 157	To	39 / 159	I/O
46 / 166	To	48 / 168	I/O
73 / 193	To	75 / 195	I/O
82 / 202	To	84 / 204	I/O
91 / 211	To	93 / 213	I/O

(b) Low Power Channels

The following channels shall be available as narrowband low power channels: 1 to 12, 949 to 960, 961 to 972, 1909 to 1920. These channels will be available for mobile operations only. No fixed station will be allowed on these channels. These channels shall be available for each Agency's use on an unprotected basis. Operation on these low power channels is limited to a maximum ERP of 2 watts.

3.2.4. Protection Zones

In the Protection Zones, each Agency has unrestricted geographic use of the all the channels in the frequency bands 764.000 to 776.000 MHz and 794.000 to 806.000 MHz subject to the technical limits described in paragraph 4.3. In the event that harmful interference to base stations is experienced, both Agencies shall take appropriate action to eliminate such interference.

3.3. **Use of the 764 to 776 MHz and 794 to 806 MHz bands Outside the Sharing and Protection Zones**

Beyond 140 km from the border, the Agencies have unrestricted use of these bands. Nonetheless, the assignments by each Agency for use of any frequencies in the bands 764-776 MHz and 794-806 MHz by the land mobile service beyond 140 km from the border must continue to meet the requirements of paragraph 4.4. In the event that harmful interference to land mobile stations is experienced, both Agencies shall take appropriate action to eliminate such interference.

4. Technical Limits

4.1. Within Sharing Zones I and III, the Agencies may use their allotted portions of spectrum subject to the Effective Radiated Power (ERP) and Effective Antenna Height (EAH) limits of Annex B, Table B1.

4.2. Within Sharing Zones II, the Agencies may use their allotted portions of spectrum subject to the Effective Radiated Power (ERP) and Antenna Height Above Mean Sea Level (AMSL) limits of Annex B, Table B2.

4.3. Each Agency has full use of the 764-776 MHz and 794-806 MHz bands within the Protection Zone in its respective country subject to the condition that base stations not exceed the maximum Effective Radiated Power (ERP) and effective Antenna Height (EAH) limits given in Annex B, Table B1.

4.4. In making assignments for use of any frequency in the bands 764-776 MHz and 794-806 MHz by the land mobile service, each Agency shall protect the other Agency's TV stations – within the other Agency's territory – according to the following Desired to Undesired (D/U) signal ratios:

(a) The minimum D/U ratio is 40 dB for co-channel analog TV stations and 0 dB for adjacent channel analog TV stations. The minimum D/U ratio must be satisfied within the analog TV stations 64 dBμV/m contour and is based on interference at 50% of locations no more than 10% of the time.

(b) The minimum D/U ratio is 17 dB for co-channel DTV stations and -23 dB for adjacent channel DTV stations. The minimum D/U ratio must be satisfied within the DTV stations 41 dBμV/m contour and is based on interference at 50% of locations no more than 10% of the time.

5. Special Sharing Arrangements

In recognition of particular demographic circumstances, the Agencies agree on the unequal division of spectrum between Canada and the United States in the following two sectors of Sharing Zone I:

5.1. **Sector 1**

Sector 1 is defined to be the portion of Sharing Zone I in the United States and Canada bounded on the West by 85° W. longitude and on the East in Canada by 81° W. longitude and in the United States by 80° 30' W. longitude.

In this Sector, Canada will have unrestricted geographic use of the frequencies listed in Annex A, Tables 3a and 3b. The United States will have unrestricted geographic use of the frequencies listed in Annex A, Tables 4a and 4b.

5.2. **Sector 2**

Sector 2 is defined to be the portion of Sharing Zone I in the United States and Canada bounded on the West in Canada by 81° W. and in the United States by 80° 30' W. longitude, and on the East by 71° W. longitude.

In this Sector, Canada will have unrestricted geographic use of the frequencies listed in Annex A, Tables 5a and 5b. The United States will have unrestricted geographic use of the frequencies listed in Annex A, Tables 6a and 6b. Within an area of 30 km radius from the centre city coordinates of London, Ontario, 42° 59' N. 81° 14' W., Canada shall have unrestricted geographic use of the frequencies listed in Annex A, Tables 5a and 5b on an uncoordinated basis.

5.3. In Sector 1 and 2, assignable frequencies must be chosen to ensure there is no harmful interference to assignments beyond the band edges. Agencies may use their allotted portions of spectrum subject to the Effective Radiated Power (ERP) and Effective Antenna Height (EAH) limits of Annex B, Table B1.

6. Coordination Necessitated by the Special Sharing Arrangements

6.1. As a result of the division of spectrum described in paragraphs 5.1 and 5.2, portions of the bands allotted to both countries under this Arrangement overlap. Therefore, proposed frequency assignments in the overlapping portions in those bands, as described in paragraphs 6.2 and 6.3 below, will be coordinated between the two Agencies in accordance with the procedures specified in Arrangement A annexed to the *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex, as amended 24 June 1965.

6.2. Coordination is required for assignments on the frequencies listed Annex A, Tables 7a and 7b in the following areas (see Annex C, Figure 1):

a) the geographical area in Canada enclosed by the United States Canada border, the meridian 71° W.; and the line beginning at the intersection of 72° W. and the United States Canada border, thence running North along meridian 72° W. to the intersection of 45° 45' N., thence running East along 45° 45' N. to the meridian 71° W., and

b) the geographical area in the United States enclosed by the United States Canada border, the meridian 71° W.; and the line beginning at the intersection of 44° 25' N., 71° W., thence running by great circle arc to the intersection of 45° N., 70° W., thence North along meridian 70° W. to the intersection of 45° 45' N., thence running West along 45° 45' N. to the intersection of the United States Canada border.

6.3. Coordination is required for assignments on the frequencies listed Annex A, Tables 8a and 8b in the following areas (see Annex C, Figure 2):

a) the geographical area in Canada enclosed by the meridian of 81° W. longitude, the arc of a circle of 100 km radius centered at 41° 58'N. latitude and 80° 30' W. longitude at the southern shore of Lake Erie and drawn clockwise from the northerly intersection with 81° W. longitude to intersect the United States-Canada border East of 80° 30' W., and the United States-Canada border; and

b) the geographical area in the United States enclosed by the meridian of 81° W. longitude, the arc of a circle of 100 km radius centered at 42° 39' 30" N. latitude and 81° W. longitude at the northern shore of Lake Erie and drawn clockwise from the southerly intersection with 80° 30' W. longitude to intersect the United States-Canada border West of 81° W., and the United States-Canada border.

7. *Use of Frequencies Allotted to One Administration by the Other Administration*

7.1 Frequencies allotted for primary, unrestricted use of one Agency may be assigned by the other Agency for use within the sharing zones in its country under the following conditions:

(a) In Sharing Zones I and III, the maximum power flux density (pfd) at or beyond the border of the primary user's country does not exceed -121 dBW/m^2/kHz.

(b) In Sharing Zone II, the maximum power flux density (pfd) at or beyond the border of the primary user's country does not exceed -124 dBW/m^2/kHz.

(c) In making the determination (calculation) of pfd, good engineering practice and generally accepted terrain-sensitive propagation models with time and location variabilities of 10%, and at least standard 3 arc-second digitized terrain data shall be used. All data and calculations used in determining compliance with this Arrangement shall be disclosed upon request by either Agency.

(d) Stations under this provision shall be considered as secondary and shall neither be granted protection against harmful interference from stations that have primary use of their authorized frequency, nor shall they cause harmful interference to stations having primary use of their authorized frequency, regardless whether they meet the pfd values specified in 7(a) and 7(b) above.

(e) Mobile stations exceeding 5 watts transmitter power output (TPO) shall not be operated in frequencies allotted for primary, unrestricted use of the other Agency within 30 km of the common border.

(f) The documentation issued by each Agency authorizing such stations to use these frequencies will include a clause stating that such authorization is subject to the following conditions:

(1) in the event that the actual signals at or beyond the border are found to exceed the values specified 7(a) and 7(b) above, the signal level shall be reduced accordingly;

(2) in the event that the actual signals are found to cause harmful interference to any stations that have primary use of their authorized frequency, regardless of signal strength, the licensee shall take immediate action to eliminate such interference. The Agency granting the authorization for secondary use is responsible for ensuring that remedial action is taken, up to and including revocation of the authorization.

7.2 In the event that a Canadian and U.S. licensee agree that the technical conditions stated in paragraph 7.1 (a), (b), (e) for proposed station(s) within the sharing zones must be exceeded in certain exceptional circumstances for more efficient operation of the land mobile services authorized under this Arrangement, either Agency may initiate special coordination concerning those proposed variation(s) in technical conditions with the other administration through an exchange of correspondence. Such variation(s) may be implemented only through approval of both Agencies.

8. Exchange of Assignment Information

The Agencies shall exchange information indicating their assigned frequencies within 140 km of the Canada-United States border at a minimum, every three months. As far as practical, proposed or planned assignments should be included at a minimum of once per year. Each Agency shall supply the information called for in Appendix 3 to Arrangement A of the *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex, as amended.

(a) Licensee identifier
(b) Class of station
(c) Number of stations - Base and Mobile
(d) Frequency
(e) Location and coordinates
(f) Locality or area of reception
(g) Class of emission and necessary bandwidth
(h) Power (mean) delivered to the antenna
(i) Antenna gain (dB) and azimuth, when available
(j) Antenna elevation above mean sea level (M.S.L.)

ANNEX A

DISTRIBUTION/ALLOTMENT OF FREQUENCIES FOR GENERAL AND SPECIAL SHARING ARRANGEMENTS

Channelling Plan

Narrowband (NB) channels are to be 6.25 kHz wide for a total of 1920 channels. The narrowband channels can be combined to create 12.5 kHz or 25 kHz wide channels. The frequencies corresponding to the lower and upper band edge of the channel number are defined by the following formulas, where n is the channel number:

Channel Number	Lower NB Edge (MHz)	Upper NB Edge (MHz)
1 to 480	$f_n = 764.0 + (0.00625)*(n-1)$ where n = 1 to 480	$f_n = 764.0 + (0.00625)*(n)$ where n = 1 to 480
481 to 960	$f_n = 773.0 + (0.00625)*(n-481)$ where n = 481 to 960	$f_n = 773.0 + (0.00625)*(n-480)$ where n = 481 to 960
961 to 1440	$f_n = 794.0 + (0.00625)*(n-961)$ where n = 961 to 1440	$f_n = 794.0 + (0.00625)*(n-960)$ where n = 961 to 1440
1441 to 1920	$f_n = 803.0 + (0.00625)*(n-1441)$ where n = 1441 to 1920	$f_n = 803.0 + (0.00625)*(n-1440)$ where n = 1441 to 1920

For the purposes of this Arrangement, wideband (WB) channels are to be 50 kHz wide for a total of 240 channels. The wideband channels can be combined to create wider channels or partitioned to create narrower channels. The frequencies corresponding to the lower and upper band edge of the channel number can be determined by the following formulas, where n is the channel number:

Channel Number	Lower WB Edge (MHz)	Upper WB Edge (MHz)
1 to 120	$f_n = 767.0 + (0.05)*(n-1)$ where n = 1 to 120	$f_n = 767.0 + (0.05)*(n)$ where n = 1 to 120
121 to 240	$f_n = 797.0 + (0.05)*(n-121)$ where n = 121 to 240	$f_n = 797.0 + (0.05)*(n-120)$ where n = 121 to 240

A1. In the Sharing Zones, except Sectors 1 and 2, Canada will have primary and unrestricted geographic use of the following channels:

Table 1a – Canada Primary Narrowband Channels in Sharing Zones (except Sectors 1 and 2)

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
181 / 1141	To	182 / 1142
185 / 1145	To	198 / 1158
221 / 1181	To	222 / 1182
225 / 1185	To	238 / 1198
261 / 1221	To	262 / 1222
265 / 1225	To	278 / 1238
301 / 1261	To	302 / 1262
305 / 1265	To	318 / 1278
327 / 1287	To	480 / 1440
481 / 1441	To	634 / 1594
643 / 1603	To	656 / 1616
659 / 1619	To	660 / 1620
683 / 1643	To	696 / 1656
699 / 1659	To	700 / 1660
723 / 1683	To	736 / 1696
739 / 1699	To	740 / 1700
763 / 1723	To	776 / 1736
779 / 1739	To	780 / 1740

Table 1b – Canada Primary Wideband Channels in Sharing Zones (except Sectors 1 and 2)

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
1 / 121	To	27 / 147
31 / 151	To	36 / 156
40 / 160	To	45 / 165
76 / 196	To	81 / 201
85 / 205	To	90 / 210

A2. In the Sharing Zones, except Sectors 1 and 2, the United States will have primary and unrestricted geographic use of the following channels:

Table 2a – U.S. Primary Narrowband Channels in Sharing Zones (except Sectors 1 and 2)

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
13 / 973	To	22 / 982
25 / 985	To	38 / 998
41 / 1001	To	62 / 1022
65 / 1025	To	78 / 1038
81 / 1041	To	102 / 1062
105 / 1065	To	118 / 1078
121 / 1081	To	142 / 1102
145 / 1105	To	158 / 1118
161 / 1121	To	180 / 1140
201 / 1161	To	220 / 1180
241 / 1201	To	260 / 1220
281 / 1241	To	300 / 1260
321 / 1281	To	326 / 1286
635 / 1595	To	640 / 1600
661 / 1621	To	680 / 1640
701 / 1661	To	720 / 1680
741 / 1701	To	760 / 1720
781 / 1741	To	800 / 1760
803 / 1763	To	816 / 1776
819 / 1779	To	840 / 1800
843 / 1803	To	856 / 1816
859 / 1819	To	880 / 1840
883 / 1843	To	896 / 1856
899 / 1859	To	920 / 1880
923 / 1883	To	936 / 1896
939 / 1899	To	948 / 1908

Table 2b – U.S. Primary Wideband Channels in Sharing Zones (except Sectors 1 and 2)

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
49 / 169	To	72 / 192
94 / 214	To	120 / 240

A3. In Sector 1, Canada will have primary and unrestricted geographic use of the following channels:

Table 3a – Canada Primary Narrowband Channels in Sector 1

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
305 / 1265	To	318 / 1278
429 / 1389	To	480 / 1440
481 / 1441	To	532 / 1492
643 / 1603	To	656 / 1616

Table 3b – Canada Primary Wideband Channels in Sector 1

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
24 / 144	To	27 / 147
31 / 151	To	34 / 154
87 / 207	To	90 / 210
94 / 214	To	97 / 217

A4. In Sector 1, the United States will have primary unrestricted geographic use of the following channels:

Table 4a – U.S. Primary Narrowband Channels in Sector 1

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
13 / 973	To	22 / 982
25 / 985	To	38 / 998
41 / 1001	To	62 / 1022
65 / 1025	To	78 / 1038
81 / 1041	To	102 / 1062
105 / 1065	To	118 / 1078
121 / 1081	To	142 / 1102
145 / 1105	To	158 / 1118
161 / 1121	To	182 / 1142
185 / 1145	To	198 / 1158
201 / 1161	To	222 / 1182
225 / 1185	To	238 / 1198
241 / 1201	To	262 / 1222
265 / 1225	To	278 / 1238
281 / 1241	To	302 / 1262
321 / 1281	To	428 / 1388
553 / 1493	To	640 / 1600
659 / 1619	To	680 / 1640
683 / 1643	To	696 / 1656
699 / 1659	To	720 / 1680
723 / 1683	To	736 / 1696
739 / 1699	To	760 / 1720
763 / 1723	To	776 / 1736
779 / 1739	To	800 / 1760
803 / 1763	To	816 / 1776
819 / 1779	To	840 / 1800
843 / 1803	To	856 / 1816
859 / 1819	To	880 / 1840
883 / 1843	To	896 / 1856
899 / 1859	To	920 / 1880
923 / 1883	To	936 / 1896
939 / 1899	To	948 / 1908

Table 4b – U.S. Primary Wideband Channels in Sector 1

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
1 / 121	To	23 / 143
35 / 155	To	36 / 156
40 / 160	To	45 / 165
49 / 169	To	72 / 192
76 / 196	To	81 / 201
85 / 205	To	86 / 206
98 / 218	To	120 / 240

A5. In Sector 2, Canada will have primary unrestricted geographic use of the following channels:

Table 5a – Canada Primary Narrowband Channels in Sector 2

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
101 / 1061	To	102 / 1062
105 / 1065	To	118 / 1078
141 / 1101	To	142 / 1102
145 / 1105	To	158 / 1118
181 / 1141	To	182 / 1142
185 / 1145	To	198 / 1158
211 / 1171	To	222 / 1182
225 / 1185	To	238 / 1198
241 / 1201	To	262 / 1222
265 / 1225	To	278 / 1238
281 / 1241	To	302 / 1262
305 / 1265	To	318 / 1278
321 / 1281	To	480 / 1440
481 / 1441	To	640 / 1600
643 / 1603	To	656 / 1616
659 / 1619	To	680 / 1640
683 / 1643	To	696 / 1656
699 / 1659	To	720 / 1680
723 / 1683	To	736 / 1696
739 / 1699	To	750 / 1710
763 / 1723	To	776 / 1736
779 / 1739	To	780 / 1740
803 / 1763	To	816 / 1776
819 / 1779	To	820 / 1780
843 / 1803	To	856 / 1816
859 / 1819	To	860 / 1820

Table 5b – Canada Primary Wideband Channels in Sector 2

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
1 / 121	To	27 / 147
31 / 151	To	36 / 156
40 / 160	To	42 / 162
79 / 199	To	81 / 201
85 / 205	To	90 / 210
94 / 214	To	120 / 240

A6. In Sector 2, the United States will have primary unrestricted geographic use of the following channels:

Table 6a – U.S. Primary Narrowband Channels in Sector 2

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
13 / 973	To	22 / 982
25 / 985	To	38 / 998
41 / 1001	To	62 / 1022
65 / 1025	To	78 / 1038
81 / 1041	To	100 / 1060
121 / 1081	To	140 / 1100
161 / 1121	To	180 / 1140
201 / 1161	To	210 / 1170
751 / 1711	To	760 / 1720
781 / 1741	To	800 / 1760
821 / 1781	To	840 / 1800
861 / 1821	To	880 / 1840
883 / 1843	To	896 / 1856
899 / 1859	To	920 / 1880
923 / 1883	To	936 / 1896
939 / 1899	To	948 / 1908

Table 6b – U.S. Primary Wideband Channels in Sector 2

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
43 / 163	To	45 / 165
49 / 169	To	72 / 192
76 / 196	To	78 / 198

A7. In the areas listed in paragraph 6.2, the following channels must be coordinated in accordance with the procedures specified in Arrangement A annexed to the *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex, as amended 24 June 1965:

Table 7a – Narrowband Channels Requiring Coordination in Areas Listed in Paragraph 6.2

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
101 / 1061	To	102 / 1062
105 / 1065	To	118 /1078
141 / 1101	To	142 / 1102
145 / 1105	To	158 / 1118
211 / 1171	To	220 / 1180
241 / 1201	To	260 / 1220
281 / 1241	To	300 / 1260
321 / 1281	To	326 / 1286
635 / 1595	To	640 / 1600
661 / 1621	To	680 / 1640
701 / 1661	To	720 / 1680
741 / 1701	To	750 / 1710
803 / 1763	To	816 / 1776
819 / 1779	To	820 / 1790
843 / 1803	To	856 / 1816
859 / 1819	To	860 / 1820

Table 7b – Wideband Channels Requiring Coordination in Areas Listed in Paragraph 6.2

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
43 / 163	To	45 / 165
76 / 196	To	78 / 198
94 / 214	To	120 / 240

A8. In the areas listed in paragraph 6.3, the following channels must be coordinated in accordance with the procedures specified in Arrangement A annexed to the *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex, as amended 24 June 1965:

Table 8a – Narrowband Channels Requiring Coordination in Areas Listed in Paragraph 6.3

Narrowband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
101 / 1061	To	102 / 1062
105 / 1065	To	118 /1078
141 / 1101	To	142 / 1102
145 / 1105	To	158 / 1118
181 / 1141	To	182 / 1142
185 / 1145	To	198 / 1158
211 / 1171	To	222 / 1182
225 / 1185	To	238 / 1198
241 / 1201	To	262 / 1222
265 / 1225	To	278 / 1238
281 / 1241	To	302 / 1262
321 / 1281	To	428 / 1388
533 / 1493	To	640 / 1600
659 / 1619	To	680 / 1640
683 / 1643	To	696 / 1656
699 / 1659	To	720 / 1680
723 / 1683	To	736 / 1696
739 / 1699	To	750 / 1710
763 / 1723	To	776 / 1736
779 / 1739	To	780 / 1740
803 / 1763	To	816 / 1776
819 / 1779	To	820 / 1790
843 / 1803	To	856 / 1816
859 / 1819	To	860 / 1820

Table 8b – Wideband Channels Requiring Coordination in Areas Listed in Paragraph 6.3

Wideband Base/Mobile Channels		
(base/mobile)	To	(base/mobile)
1 / 121	To	23 / 143
35 / 155	To	36 / 156
40 / 160	To	42 / 162
79 / 199	To	81 / 201
85 / 205	To	86 / 206
98 / 218	To	120 / 240

ANNEX B

LIMITS OF EFFECTIVE RADIATED POWER AND ANTENNA HEIGHT FOR GENERAL SHARING ARRANGEMENTS

Effective Radiated Power (ERP) is defined as the product of the power supplied to the antenna and its gain relative to a half-wave dipole in a given direction.

B1. For base stations in Sharing Zones I and III, Sectors 1 and 2 and the Protection Zones, Table B1 lists the limits of Effective Radiated Power (ERP) corresponding to the Effective Antenna Height (EAH) ranges shown. In this case, Effective Antenna Height is calculated by subtracting the Assumed Average Terrain Elevation given in Table B3 from the antenna height above mean sea level.

Table B1
Limits of Effective Radiated Power (ERP) Corresponding to Effective Antenna Heights of Base Stations in Sharing Zones I and III, Sectors 1 and 2 and the Protection Zones

Effective Antenna Height (EAH)		ERP Watts (Maximum)
Metres	Feet	
0 - 152	0 - 500	500
153 - 305	501 - 1000	125
306 - 457	1001 - 1500	40
458 - 609	1501 - 2000	20
610 - 914	2001 - 3000	10
915 - 1066	3001 - 3500	6
Above 1067	Above 3501	5

B2. For base stations in Sharing Zone II, Table B2 lists the limits of Effective Radiated Power (ERP) corresponding to the antenna height above mean sea level ranges shown.

Table B2
Limits of Effective Radiated Power (ERP) Corresponding to Antenna Heights Above Mean Sea Level of Base Stations in Sharing Zone II

Antenna Height Above Mean Sea Level		ERP Watts (Maximum)
Metres	Feet	
0 - 503	0 - 1650	500
504 - 609	1651 - 2000	350
610 - 762	2001 - 2500	200
763 - 914	2501 - 3000	140
915 - 1066	3001 - 3500	100
1067 - 1219	3501 - 4000	75
1220 - 1371	4001 - 4500	70
1372 - 1523	4501 - 5000	65
Above 1523	Above 5000	5

B3. Table B3 lists the values of Assumed Average Terrain Elevations (AATE) within the Sharing and Protection Zones on both sides of the United States-Canada border.

EAH = Antenna Height Above Mean Sea Level - AATE

Table B3
Values of Assumed Average Terrain Elevation within the Sharing and Protection Zones on Both Sides of the United States - Canada Border

Longitude (φ) (°West)	Latitude (Ω) (°North)	Assumed Average Terrain Elevation			
		United States		Canada	
		Feet	Metres	Feet	Metres
$65 \leq \Phi < 69$	$\Omega < 45$	0	0	0	0
"	$45 \leq \Omega < 46$	300	91	300	91
"	$\Omega \geq 46$	1000	305	1000	305
$69 \leq \Phi < 73$	All	2000	609	1000	305
$73 \leq \Phi < 74$	"	500	152	500	152
$74 \leq \Phi < 78$	"	250	76	250	76
$78 \leq \Phi < 80$	$\Omega < 43$	250	76	250	76
"	$\Omega \geq 43$	500	152	500	152
$80 \leq \Phi < 90$	All	600	183	600	183
$90 \leq \Phi < 98$	"	1000	305	1000	305
$98 \leq \Phi < 102$	"	1500	457	1500	457
$102 \leq \Phi < 108$	"	2500	762	2500	762
$108 \leq \Phi < 111$	"	3500	1066	3500	1066
$111 \leq \Phi < 113$	"	4000	1219	3500	1066
$113 \leq \Phi < 114$	"	5000	1524	4000	1219
$114 \leq \Phi < 121.5$	"	3000	914	3000	914
$121.5 \leq \Phi$ 127	"	0	0	0	0
$\Phi \geq 127$	$54 \leq \Omega < 56$	0	0	0	0
"	$56 \leq \Omega < 58$	500	152	1500	457
"	$58 \leq \Omega < 60$	0	0	2000	609
"	$60 \leq \Omega < 62$	4000	1219	2500	762
"	$62 \leq \Omega < 64$	1600	488	1600	488
"	$64 \leq \Omega < 66$	1000	305	2000	609
"	$66 \leq \Omega < 68$	750	228	750	228
"	$68 \leq \Omega < 69.5$	1500	457	500	152
"	$\Omega \geq 69.5$	0	0	0	0

Table B4
Cities in the United States and Canada that for the purposes of this agreement shall be considered as falling outside of Sharing Zone I

These cities are defined as circles with a 30 km radius around the center coordinates listed below.

Location	Coordinates [NAD83]	
	Latitude	Longitude
Akron, Ohio	41° 05' 00.2" N.	81° 30' 39.4" W.
Youngstown, Ohio	41° 05' 57.2" N.	80° 39' 01.3" W.
Syracuse, New York	43° 03' 04.2" N.	76° 09' 12.7" W.
Kitchener-Waterloo, Ontario	43° 27' 30.2" N.	80° 29' 59.4" W.
Peterborough, Ontario	44° 18' 00.2" N.	78° 18' 59.2" W.

ANNEX C

BAND OVERLAP COORDINATION AREAS

AREAS IN WHICH COORDINATION IS REQUIRED

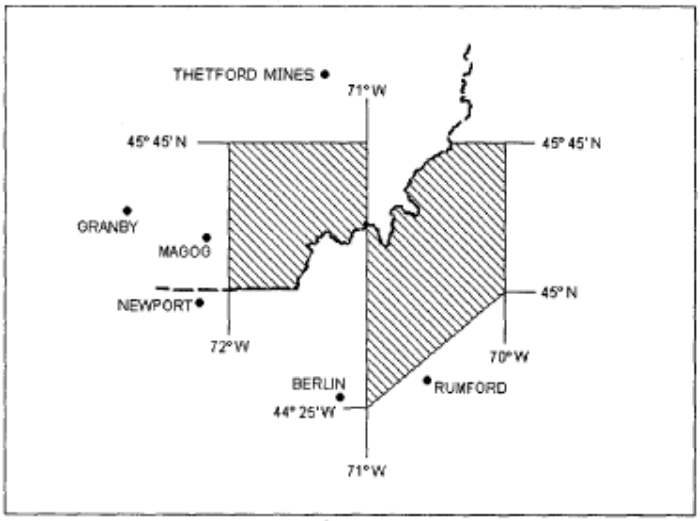

Figure 1

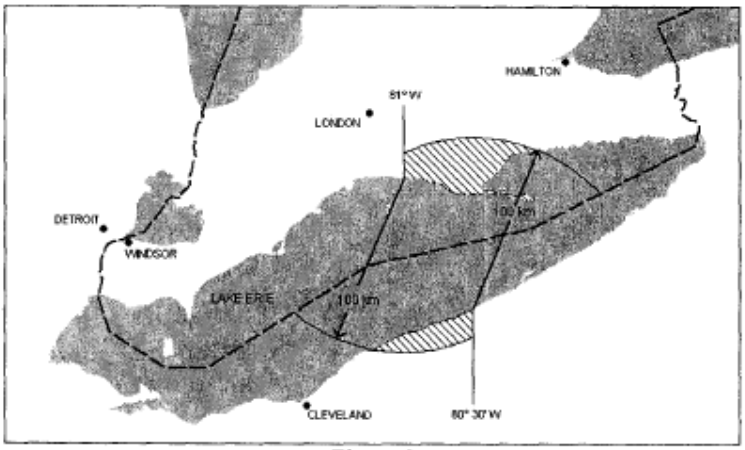

Figure 2

Appendix S
SIEC Convening Letter

STATE OF NEW YORK
OFFICE FOR TECHNOLOGY
STATE CAPITOL, ESP
PO BOX 2062
ALBANY, NY 12220-0062
518-473-5622
518-473-3389 FAX

GEORGE E. PATAKI
GOVERNOR

JAMES G. NATOLI
CHAIRPERSON

November 26, 2001

Ms. D'wana Terry, Chief
Public Safety and Private Wireless Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC. 20554

Dear Ms. Terry:

In accordance with 47 C.F.R. §90.525 and the Fourth Report and Order in WT Docket 96-86, FCC 01-10, I hereby notify you that New York State will administer the FCC Designated Interoperability Channels in the 764-776/794-806 MHz frequency bands. Governor George E. Pataki has delegated the authority to me by the letter dated January 30, 2001, copy enclosed.

As part of this administration process, the New York State Office for Technology will establish and chair a Statewide Interoperability Committee and manage the responsibilities identified in the Fourth Report and Order.

Any correspondence should be directed to my office as follows:

Hanford C. Thomas, Jr.
Project Director
New York State Office for Technology
Statewide Wireless Network
6C Executive Park Drive
Stuyvesant Plaza
Albany, New York 12203-3716
Tel: (518) 489-2400
Fax: (518) 489-3831
E-mail: Hanford.Thomas@oft.state.ny.us

Please contact me should you have any questions regarding this matter.

Sincerely,

Hanford C. Thomas, Jr.

cc: William F. Pelgrin
Enclosure

Appendix T
RPC Public Meeting Notices and Minutes Prior to FCC Approval of Plan

APPENDIX T, RPC PUBLIC MEETING NOTICES AND MINUTES[1]

Certification

Steven Sharpe
Chairman
Region 55 700 and 800-MHz Planning Committees
Director of Emergency Communications
Genesee County Office of the Sheriff
165 Park Road
Batavia, New York 14020-1283
Tel: 585.345.3000 x 3400
Email: ssharpe@co.genesee.ny.us

September 15, 2008

CERTIFICATION

Office of the Secretary
Federal Communications Commission
Mr. Derek Poarch
Chief, Public-Safety and Homeland Security Bureau
445 12th Street, SW
Washington, DC 20554

In the Matter of

	)	WT Docket No. 02-378
FCC Regional Planning Committee (RPC) 55	)	
	)	PSHS Docket No. 06-229
Public-Safety Communications Plan for the	)	
769- to 775-MHz and 799- to 805-MHz bands	)	FCC Docket No. 07-132

Dear Chief Poarch:

In accordance with the CFR Title 47, Telecommunication, Private Land Mobile Radio Services, Chapter 1, Part 90, Section 527, Subpart a8, the Chairperson from the Regional Planning Committee (RPC) must certify that *"all planning committee meetings, including subcommittee or executive committee meetings were open to the public."*

Please accept this letter as my certification that all planning committee meetings, subcommittee, and executive committee meetings were open to the public.

Respectfully submitted,

Steven C. Sharpe.

Steven C. Sharpe, Chairman
FCC RPC 55 700-MHz and 800-MHz NPSPAC Planning Committees

[1] Presentations given at the RPC meetings can be obtained by contacting the Region 55 Secretary.

May 20, 2002 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 02-651
March 20, 2002

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK - BUFFALO) 700 MHz
REGIONAL PLANNING COMMITTEE
ANNOUNCES FIRST MEETING

The Region 55 (New York - Buffalo) 700 MHz Public Safety Planning Committee announces that its first meeting will be held on Monday, May 20, 2002 at 9:30 a.m. at the Erie County Fire Training Center, 3359 Broadway, Cheektowaga, New York. Region 55 includes the Counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates, in the State of New York. The purpose of the meeting is to:

1. Establish a 700 MHz Regional Planning Committee (RPC),
2. Elect a chairperson,
3. Create a RPC meeting schedule,
4. Review the RPC Committee Process,
5. Review 700 MHz band development to date, and
6. Review work of the FCC Public Safety National Coordination Committee (NCC).

The Region 55 (New York – Buffalo) 700 MHz Public Safety Planning Committee meeting is open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in the New York – Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and

represent your agency's needs.

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

spectrum in the 700 MHz band within Region 55 should plan to attend. For further information about the meeting, please contact:

Louis J. Oshier, Convener
Region 55, 700 Regional Planning Committee
Erie County Central Police Services
95 Franklin Street, Room 230
Buffalo, New York 14202-3904
PH: 716-858-8578
FX: 716-858-6039
Email: OshierL@bflo.erie.ny.us

– FCC –

May 20, 2002 Meeting Report

Neither meeting minutes nor a meeting report is available for this meeting.

June 29, 2005 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 05-1570
June 2, 2005

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (General Docket No. 88-476)

The Region 55 (New York – Buffalo area)[1] Public Safety Regional Planning Committees will hold two planning meetings on June 29, 2005. The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Erie County Fire Training Academy, 3359 Broadway, Cheektowaga, New York. The agenda for this meeting includes:

1. Re-establish a 700 MHz Regional Planning Committee (RPC)
2. Elect a Chairperson, Vice-Chair, Secretary, Treasurer
3. Create an RPC Committee Process
4. Create a 700 MHz Regional Plan
5. Review 700 MHz band developments to date
6. Review work of the FCC Public Safety National Coordination Committee (NCC)
7. New Business
8. Schedule Next Meeting

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 55 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Re-establish a 800 MHz Regional Planning Committee(RPC)
2. Elect a Chairperson, Vice-Chair, Secretary, and Treasurer

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

3. Create an RPC Committee Process
4. Review a 800 MHz Re-banding Process
5. New Business
6. Schedule Next Meeting

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in the New York – Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz bands, and/or the newly allocated 4.9 GHz band within Region 55 are encouraged to attend. For further information, please contact:

Joseph Grube, Vice Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
(716) 938-9191
Email: josegr@Sheriff.Cattco.org

– FCC –

June 29, 2005 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE
MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755**
DATE/TIME:	**Wednesday, June 29, 2005 at 10:00 AM**
LOCATION:	**Erie County Fire Training Academy, 3359 Broadway, Cheektowaga, NY**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:00 AM and requested that everyone introduce himself or herself. Captain Grube gave a brief description of Region 55 and noted that he received requests from various parties to get the Region 55 Committee active in order to address issues that concern the 700-MHz band in Region 55.

The following individuals attended the meeting:

John Adolf - Erie County Emergency Services
Thomas Flaherty - Erie County Sheriff
Paul Gajewski - Erie County
Joseph Grube - Chairman, Cattaraugus County
Robert H. Isby, Jr. - Statewide Wireless Network
Russ Lang - Genesee County
Travis LePage - NYSTEC
Bob Manion - NYSTEC
Beatrice Opee - NYSTEC
Gary Perkins - Monroe County
Leo R. Henry - Tuscoragua Nation
Thomas J Roche - Gates Town
Virginia Satter - Monroe County
Robert Schlieman - Statewide Wireless Network
Matthew J. Trusso - Chautauqua County

Rich Verdouw - Monroe County
James Volkosh - Niagara County
Mike Walters - Erie County Emergency Services

Re-establish a 700-MHz Regional Planning Committee (RPC)

Captain Joseph Grube informed the attendees of a need to volunteer and to vote to elect a Chairperson, Vice Chair, and Secretary. There was a unanimous agreement that the committee did not need a Treasurer because of lack of funds, but would choose a Treasurer later if such a need arose.

Elect a Chairperson, Vice-Chair, and Secretary

Mr. Paul Gajewski made a motion to elect Captain Grube as the Chairperson and himself as the Vice-Chair. Mr. Mathew Trusso seconded the motion. The motion passed. Captain Grube made a motion to re-elect Mr. Mathew Trusso as the Secretary. Mr. Thomas Flaherty seconded the motion, and it passed.

Create an RPC Committee Process

Captain Grube stated that some information was not available from the last meeting held in 2002. He noted that Motorola had given a presentation in 2002 regarding the 700-MHz band and on APCO (Association of Public-Safety Communications), and then Captain Grube invited Mr. Travis LePage to give a presentation on June 29, 2005.

Mr. LePage stated that RPC Region 55 region includes seventeen counties: Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming, and Yates.

Mr. LePage gave a brief description of the 700-MHz Public Safety spectrum. He noted that the RPC has to provide a 60-day advance notice for the initial planning and a 30-day announcement for all subsequent meetings. Some other steps included electing officials, developing the 700-MHz public safety communications plan, receiving approval of adjacent regions, and receiving FCC approval.

Create a 700-MHz Regional Plan

Mr. LePage gave a brief outline of the Regional Plan. His presentation included the plan outline, appendices, and the target dates for completing different sections of the plan and submitting the plan to the FCC. Mr. LePage provided attendees with the status of the plans of adjacent regions — Region 8, Region 19, Region 28, Region 30, and Region 36.

Mr. LePage stated that the most time-consuming part of the plan is the "application matrix scoring." Mr. LePage noted that, by the next meeting, Region 55 should have the by-laws written and sections 1 through 4 of the plan worked out.

Review 700-MHz Band Developments to Date

Mr. Schlieman noted that the Canadian plan had been signed and released and that the plan was on the FCC web site. He further explained that United States and Canada would work together in resolving some of the issues. Mr. Bob Manion informed attendees that he had printed copies of the Canadian plan in case anyone was interested.

Mr. LePage suggested that there should be a conference call before September to give members an opportunity to review sections of the plan. Captain Grube noted that representatives of only six of the 17 counties in Region 55 were at this meeting.

Review Work of the FCC Public Safety National Coordination Committee (NCC)

The FCC established the Federal Advisory Committee Act (FACA) 5 U.S.C. App. 2, to provide guidance on Public Safety issues providing openness, accountability, and balance of views. The NCC constructed a steering committee and sub committees. The NCC (Public Safety National Coordination Committee) was the basis of the 700-MHz Committee rules. When FACA established the NCC, it had a two-year life span, this was extended to four years.

The first not-adopted proposal by the FCC was to use standard channel nomenclature for interoperability channels. The second such proposal was to make it necessary for mobile and portable units to display standardized interoperability channel labels alphanumerically if the radios had a display; this would not apply to radios without displays. The third proposal not enacted addressed the issue of changing the term "State Interoperability Executive Committee" to "Statewide Interoperability Executive Committee." The fourth not-adopted proposal was formally to authorize State Interoperability Executive Committees (SIECs) to increase their jurisdictions to include the FCC designated interoperability channels in all the public safety bands. A member noted that in some States, the SIEC or equivalent agency focuses on all the FCC-designated channels, and not just on the 700-MHz channels. The view of Public Safety agencies was that lack of uniformity created confusion and inefficiency. The FCC rules provide that the states are responsible for administering interoperability channels for the 700-MHz band.

All of the states except Vermont will manage the interoperability channels. Vermont designated Region 19 as the responsible party for administering into Vermont.

New Business

New business included drafting letters and sending them to the Region 55 points of contact to ensure that all public agencies were included in the plan-development process.

Mr. LePage was going to set up a conference call so that Region 55 members could discuss sections 1-4 of the Regional plan. Furthermore, Travis would mail only sections of the regional plan that the committee was reviewing — not all sections of the plan. The distributed materials would be marked as to volumes, dates, etc, to avoid confusion. Another discussion involved the 100-kilometer rule regarding international borders.

Schedule Next Meeting

The next meeting will take place on Wednesday, September 14, 2005 in Monroe County. The representative from Monroe County will provide the address of the meeting later. Mr. James Volkosh made a motion to end the meeting. Mr. Tom Flaherty seconded the motion. The meeting adjourned at 10:54 AM.

September 14, 2005 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 05-2275
August 11, 2005

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (PR Docket No. 92-287)

The Region 55 (New York – Buffalo area)[1] Public Safety Regional Planning Committees will hold two planning meetings on September 14, 2005. The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Public Safety Training Center, 1190 Scottsville Road, Room 117 B, Rochester, New York.[2] The agenda for this meeting includes:

1. Review and Approve September 14, 2005 Agenda
2. Review and Approve June 29th Meeting Report
3. Review and Vote on sections 1-4 of the 700 MHz Regional Plan – Travis LePage
4. Old Business
5. New Business
6. Schedule Next Meeting

---

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

[2] On August 8, 2005, the Wireless Telecommunications Bureau released a *Public Notice* (DA 05-2259) announcing that the Region 55 regional planning meetings would be held at the Cattaraugus County Sheriff's Office, 301 Court Street, Little Valley, New York. The meeting location has been changed to the Public Safety Training Center, 1190 Scottsville Road, Room 117 B, Rochester, New York.

1. Review and Approve September 14, 2005 Agenda
2. Review and Approve June 29th Meeting Report
3. 800 MHz Rebanding Issues
4. Old Business – Applications for Monroe County and SWN – Mr. Robert Schlieman
5. New Business/Comments
6. Schedule Next Meeting

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in the New York – Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz bands, and/or the newly allocated 4.9 GHz band within Region 55 are encouraged to attend. For further information, please contact:

Joseph Grube, Vice Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
PH: 716-938-9191
FX: 716-938-6420
Email: josegr@Sheriff.Cattco.org

– FCC –

September 14, 2005 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING NOTICE/AGENDA

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Wednesday, September 14, 2005 at 10:00 AM**
LOCATION:	**Public Safety Training Center, 1190 Scottsville Road, Room 117 B, Rochester, NY 14624**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:00 AM and requested that everyone introduce himself or herself.

The following individuals attended the meeting:

John Adolf - Erie County Emergency Services
Steve Bowman - Monroe County
Mike Bradley - Livingston County
Paul Gajewski - Erie County
Joseph Grube - Chairman, Cattaraugus County
Robert H. Isby, Jr. - Statewide Wireless Network
Jeff Hanloff - Ontario County
Murray Henry - Ontario County
Martin John - Seneca Nation
Michael A John - Seneca Nation
Travis LePage - NYSTEC
Bob Manion - NYSTEC
Beatrice Opee - NYSTEC
Gary Perkins - Monroe County

Virginia Satter - Monroe County
Robert Schlieman - Statewide Wireless Network
David Stolzman - Erie County EMS
Pete Stritzinger - Orleans County
Matthew J. Trusso - Chautauqua County
Rich Verdouw - Monroe County
Paul Wagner - Orleans EMS

Review and Approve September 14, 2005 Agenda

Mr. Robert Schlieman made a motion to approve the September 14, 2005 meeting agenda. Mr. Gary Perkins seconded the motion, which passed.

Review and Approve June 29 2005 Meeting Report

Mr. Schlieman made a motion to approve the June 29, 2005 meeting report. Mr. Paul Gajewski seconded the motion, which passed.

Review and Vote on sections 1-4 of the 700-MHz Regional Plan – Travis LePage

Mr. LePage gave a brief description of sections 1 - 4 of the 700-MHz Regional Plan. Mr. Gajewski made a motion to accept sections 1 - 4 of the plan; Mr. Schlieman seconded the motion, which passed.

Mr. Gajewski made a motion to accept "applications service values" as amended; Mr. Perkins seconded the motion, which passed. Mr. Schlieman made a motion to accept section 6 paragraph 1 as amended. Mr. Trusso seconded the motion, which passed.

During the discussion of "Adjacent Region Coordination," Captain Grube suggested that the Region 55 Plan refer to the titles of the adjacent Regional Chairs instead of their names. Mr. Robert Isby made a motion to eliminate inclusion of the names of current chairpersons and to refer readers to the FCC web site for the "current" Chairs on record at the FCC. Mr. Perkins seconded the motion, which passed.

Mr. Perkins made another motion to approve the "Adjacent Region Coordination" as amended; Mr. Trusso seconded the motion, and it passed.

Mr. LePage stated that the "Applications Requirements and Channels Allotment" section would cover interference, contours, and thresholds that were agreed upon by the committee and that complied with the FCC rules and regulations. There was a general agreement that the Committee would, at a later time, vote on the remaining sections not voted on at this meeting.

Old Business

None.

New Business/Comments

A member suggested that Region 55 incorporate the Canadian - U.S. agreement as part of the Regional Plan. The member also noted that it was important to understand Canadian Region 2 and Region 7 boundaries, as referenced in the Canadian plan.

Schedule Next Meeting

The next meeting will take place on Wednesday, November 9, 2005 at the Public Safety Training Center, 1190 Scottsville Road, Room 117B, Rochester, NY 14624.

Mr. Trusso made a motion to adjourn the meeting; Mr. Perkins seconded the motion, and the motion passed. The meeting ended at 11:10 AM.

November 9, 2005 Public Meeting Notice[2]

PUBLIC NOTICE

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

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

DA 05 -2723
October 17, 2005

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (PR Docket No. 92-287)

The Region 55 (New York – Buffalo area)[1] Public Safety Regional Planning Committees will hold two planning meetings on September 14, 2005. The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Public Safety Training Center, 1190 Scottsville Road, Room 117B, Rochester, New York.

The agenda for this meeting includes:

1. Review and Approve November 9, 2005Agenda
2. Review and Approve September 14, 2005 Meeting Report
3. Old Business
   a. Review and Vote on the 700 MHz Regional Plan
      i. Adjacent Region Coordination Section
      ii. Applications Matrix Scoring Criteria Section
      iii. Appendix – Applications Matrix Flow Chart
      iv. Appendix – Application Matrix Service Values
      v. Applications for Monroe County and SWN
4. New Business/Comments
5. Schedule Next Meeting

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 55 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Review and Approve November 9, 2005Agenda
2. Review and Approve September 14, 2005 Meeting Report

[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

[2] The FCC indicated the previous meeting date on this Public Notice. This meeting was held on November 9, 2005. The FCC posted the following notice on the Wireless Telecommunications Bureau Region 55 700-MHz Website.
11/9/2005
The Region 55 700 MHz Public Safety & 800 MHz RPCs will hold consecutive planning meetings on Wednesday, November 9, 2005. The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Public Safety Training Center, 1190 Scottsville Road, Room 117B, Rochester, New York. For additional information contact Region 55 Chair, Captain Joseph Grube at 716-938-9191 or via email at josegr@Sheriff.Cattco.org.

3. Old Business
    a. Update – Applications for Monroe County and SWN
    b. Update – Window #3 Applications
4. New Business and Comments
    a. Petition for Rulemaking (NARPC)
    b. Letter of Support for Rulemaking
5. Schedule Next Meeting

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in the New York – Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent your agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz bands, and/or the newly allocated 4.9 GHz band within Region 55 are encouraged to attend. For further information, please contact:

Captain Joseph Grube, Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
PH: 716-938-9191
Email: josegr@Sheriff.Cattco.org

– FCC –

November 9, 2005 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Wednesday, November 9, 2005 at 10:00 AM**
LOCATION:	**Public Safety Training Center, 1190 Scottsville Road, Room 117 B, Rochester, NY 14624**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:00 AM, called the meeting to order, and requested that everyone introduce himself or herself.

The following individuals attended the meeting:

Adolf, John - Erie County
Clark, Tom - Ontario County
Flaherty, Tom - Erie County
Gajewski, Paul - Erie County
Grube, Joseph - Chairman, Cattaraugus County
Hanloff, Jeff - Ontario County
Herbst, Jim - Monroe County
Isby, Robert H., Jr. - Statewide Wireless Network
LePage, Travis - NYSTEC
Manion, Robert - NYSTEC
Perkins, Gary - Monroe County
Roche, Thomas - Town of Gates Police Department
Schlieman, Robert - Statewide Wireless Network
Stolzman, David - Erie County

Thomas, Ed - Ontario County
Verdouw, Rich - Monroe County
Willis, Jeff - Ontario County

Review and Approve November 9, 2005 Agenda

Mr. Robert Schlieman made a motion to approve the November 9, 2005 meeting agenda. Mr. Paul Gajewski seconded the motion, which passed.

Review and Approve September 14, 2005 Meeting Report

Mr. Gajewski made a motion to approve the September 14, 2005 meeting report. Chief Thomas Roche seconded the motion, which passed.

Old Business - Review and Vote on Sections 9-10 of the 700-MHz Regional Plan

Mr. Travis LePage provided a summary of the progress made on Section 9 at the November 9, 2005 meeting and noted that paragraph 1 of Section 9 was approved by the Committee on November 9, 2005.

Mr. LePage provided a general explanation of the application-scoring matrix and indicated that it is used to weigh and prioritize applications for 700-MHz General Use channels in Region 55.

Mr. LePage then provided a detailed explanation of each criterion in the scoring process and explained the process that is followed to evaluate an application. Mr. LePage indicated that the applications will be evaluated using a two-step process. First, the applications will be evaluated and prioritized by the Region 55 Technical Subcommittee. Second, the prioritized applications will be reviewed and approved by the entire Region 55 Committee.

Mr. Schlieman made a motion to approve the "Application Scoring Matrix," the "Point Values for Service" table, and the "Application Scoring Matrix Flowchart" sections of the plan; Mr. Gajewski seconded the motion, which passed.

Mr. LePage provided an explanation of the "Adjacent Region Coordination" section of the plan. Mr. Schlieman recommended that the second paragraph be changed from "proposed facilities that may cause interference to radio systems outside of New York State" to "proposed facilities that may cause interference to radio systems in regions adjacent to Region 55." Mr. Schlieman additionally stated that paragraph 4, channel widths, is not applicable in this section of the plan and recommended that it be moved to the interoperability section of the plan.

Mr. Schlieman made a motion to approve the "Adjacent Region Coordination" section of the plan as amended; Chief Roche seconded the motion, which passed.

Old Business – Petition Letter for Early Transition to Digital Television (DTV)

Captain Grube read the petition letter to the Committee and asked for comments. Mr. Schlieman inquired about the optimistic dates for the DTV transition, and Chief Roche recommended that a member of the Committee contact Senator John McCain's office to verify the target transition date. Chief Roche additionally recommended that the first paragraph of the letter be rewritten to clearly state the purpose of the Region 55 Committee, the population of the Region, and the need to begin using 700-MHz public safety radio frequencies.

Mr. Schlieman made a motion to approve the letter with the first paragraph amended and the early transition to DTV date verified with Senator McCain's office; Chief Roche seconded the motion, which passed.

New Business/Comments

None.

Schedule Next Meeting

The next meeting will take place on Wednesday, January 11, 2006 at the Public Safety Training Center, 1190 Scottsville Road, Room 117B, Rochester, NY 14624.

Chief Roche made a motion to adjourn the meeting; Captain Grube seconded the motion, and the motion passed. The meeting ended at 11:20 AM.

January 11, 2006 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 05 -3132
December 1, 2005

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (PR Docket No. 92-287)

The Region 55 (New York – Buffalo area)[1] Public Safety Regional Planning Committees will hold two planning meetings on Wednesday, January 11, 2006. The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Public Safety Training Center located at 1190 Scottsville Road, Room 117 B, Rochester, New York.

The agenda for this meeting includes:

1. Review and Approve January 11, 2006 Agenda
2. Review and Approve November 9, 2005 Meeting Report
3. Old Business
   a. Review and Vote on the Regional Plan (LePage)
      i. Procedure for Requesting Spectrum Allotments
      ii. Applications Requirements
      iii. Supplemental Application Questions
      iv. Antenna Pattern Information Form
      v. Region 8 Jurisdictional Boundary Form
      vi. Intra-Regional Memorandum of Understanding
   b. Update – Letter of Support for Establishing an Earlier and Hard Date for the Transition of Digital Television (DTV)
4. New Business/Comments

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[1] Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

The agenda for this meeting includes:

1. Review and Approve January 11, 2006 Agenda
2. Review and Approve November 9, 2005 Meeting Report
3. Old Business
    a. Update – Region 55 Window #3 Concurrence
4. New Business/Comments
5. Schedule Next Meeting

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in the New York – Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not conversant with telecommunications technology should ensure that their respective agencies are represented by suitably conversant staff.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz bands, and/or the newly allocated 4.9 GHz band within Region 55 are encouraged to attend. For further information, please contact:

Captain Joseph Grube, Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
(716) 938-9191
Email: JCGrube@cattco.org

– FCC –

January 11, 2006 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Wednesday, January 11, 2006 at 10:00 AM**
LOCATION:	**Public Safety Training Center, 1190 Scottsville Road, Room 117 B, Rochester, NY 14624**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:00 AM. The following individuals attended the meeting:

Adolf, John - Erie County
Alverson, Tom - Microwave Data Systems
Bradley, Mike - Livingston County
Chafin, Keith - Data Radio
Cook, David A. - Statewide Wireless Network
Dusha, Toby - Statewide Wireless Network
Flaherty, Thomas - Erie County
Gajewski, Paul - Erie County
Grube, Joseph - Cattaraugus County
Henry, Leo R. - Tuscarora Nation
Herbst, Jim - Monroe County
Isby, Robert Jr. - Statewide Wireless Network
Johnson, Craig - Monroe County
Kerr, Doug - Carlson Wireless
LePage, Travis - NYSTEC

Manion, Robert - NYSTEC
Merklinger, John - Monroe County
Perkins, Gary - Monroe County
Smith, Dan - L.R. Kimball
Speidel, Bob - Tyco Electronics - M/A-COM
Stolzman, David - Erie County
Stritzinger, Pete - Orleans County
Verdouw, Rich - Monroe County
Webster, Rick - United Radio
Williams, Doug - Tyco Electronics - M/A-COM

Review and Approve January 11, 2006 Agenda

Travis LePage noted that the date for digital television (DTV) cutover has been established, and hence can be removed from the agenda. The committee members in attendance agreed to this change. Captain Grube asked for a motion to accept the agenda with the change. John Adolf made the motion, which was seconded by Paul Gajewski and approved by the committee.

Review and Approve November 9, 2005 Meeting Report

John Adolf made a motion to approve the November 9, 2005 meeting report. Mr. Paul Gajewski seconded the motion, which passed.

Old Business

Review and Vote on the Regional Plan

Travis LePage started his presentation by going over what the committee accomplished during the last meetings, then he highlighted what he wanted to accomplish at this meeting.

Procedure for Requesting Spectrum Allotments

After his introduction to the committee, LePage went through this section on requesting spectrum allotments with the committee and explained the rationale used to write it. He highlighted the rationale for the three windows and emphasized that the purpose of this section is to ensure that no entities can protest under the grounds that they were not notified or that they did not have time to file.

LePage asked if anyone had questions or comments regarding this section. Several questions were asked regarding the timeline, milestones, and the transition to an open timeline. After a short discussion, Bob Isby pointed out that this subsection gives the committee an out if the committee does not want to have three windows in a year. At the end of the discussion, the group proposed several changes to the verbiage in this section. LePage added these changes to the plan.

Applications Requirements

LePage directed the committee members to Section 2 of the plan and explained the purpose of the section. LePage presented the highlights of each of the various subsections —which included highlighting the purpose of the FCC 601 form and other related forms, as well as the process. He then discussed in detail the logic that was used to write this section. He noted that, unlike the 800-MHz requirements, only one copy of the Application needs to be submitted to the RPC.

After the committee discussed this section, LePage moved his attention to the Appendices.

Appendix H, Supplemental Applications Questions

LePage when through the requirements listed in the Appendix and explained them to the committee members. A question was asked by Gary Perkins regarding the Memorandum of Understanding (MOU). He wanted to know if there was something in the MOU that identifies how many subscriber units the applicant has on the air. LePage asked whether this was an issue. Gary Perkins suggested that applicants should show clearly the number of subscribers units that they have on the air at the time of application for more channels as well as the number of projected additional subscribers units they might have by the time the system is operational.

As a result of this, LePage suggested adding another "Supplemental Application Question" to the appendix to address Gary Perkins' concerns. David Cook stated that no one currently has 700-MHz subscriber equipment. Hence, an inventory would not be applicable. A discussion took place regarding this issue. Captain Grube added that a county might be able to identify what it needs to start a system, and might add additional assets as the system was implemented (e.g., other agencies may come on the system). Gary Perkins stated that what is needed is an inventory of the fleet (e.g., how many fire trucks, ambulances, police cars, and other vehicles are projected to use the system). Eventually, a change was recommended to this appendix. LePage captured this change in the third bullet in Appendix H, and the committee members present agreed to the revision.

It was also pointed out that there was a "typo" in the first Supplemental Question. LePage continued to go through the remainder of the document and asked if there were any more questions or comments regarding the appendix. David Cook asked if a score was associated with the tenth bullet. LePage answered 'no'. Cook asked if it should be mentioned that the applicant would not be penalized by this requirement. The group thought that this was a good idea, and such mention was added to the appendix.

Antenna Pattern Information Form

LePage gave some background information regarding the Antenna Pattern Information form. He went through the form, which was fairly self explanatory, and the committee was pleased with the way it was written.

Region 55 Jurisdictional Boundary Form

The Region 55 Jurisdictional Boundary form was also fairly self explanatory, and the committee was pleased with the way it was written. LePage explained the impact of the Canadian restrictions and mentioned that this information would also be included as an appendix in the plan.

intra-Regional Memorandum of Understanding

LePage explained the MOU to the committee members by covering each of the four requirements cited in the appendix. LePage also explained the purpose of each requirement. After he was done going over the requirements, LePage asked for questions and comments. David Cook stated that the verbiage associated with Requirement #3 should specify that the channel assignments be returned within five years of license approval. Several other committee members stated that they felt that this appendix had "no teeth" and might be useless. LePage explained that the FCC requires that each 700-MHz plan include an Intra-regional dispute plan. He stated that he feels that this addresses this issue. At the very least, it explains how the committee members intend to "play nice with each other." After a short debate, the committee decided not to change Requirement #3.

After completing the appendices, LePage focused the committee on Section 3. LePage again highlighted the important parts of this section and went through the flowchart in Figure 1. LePage presented the rationale for using Longley-Rice as opposed to other propagation models, then went through the remainder of the section.

At this point, LePage told the group what he intended to cover during the next meeting. LePage asked if there were any questions, comments, or concerns regarding anything that he presented.

John Adolf had several suggestions. One of his suggestions dealt with providing an updated Table of Contents. He also made a suggestion regarding Appendix L. He suggested that the party notify the RPC to let it know that it is terminating the MOU. Several other committee members suggested that the party making the termination present its rationale of why it is terminating the MOU.

After LePage's presentation, Captain Grube went through all of the various changes that the committee agreed to during the presentation. While doing this, Grube recommended that the verbiage regarding growth be changed from "estimated growth rate" to "an estimate for growth." After going over the changes, and making sure that LePage had accurately captured the verbiage for these changes in the Regional Plan document, Captain Grube asked for a motion to approve these sections with the suggested changes. Thomas Flaherty made a motion to approve these sections; this was seconded by Paul Gajewski. Captain Grube asked if there was a need for further discussion regarding these changes. None was noted, and the committee approved the motion.

New Business

Paul Gajewski stated that he received an inquiry from a Connecticut representative regarding CAPRAD-trained personnel, the planned Regional website, and other related issues. He asked who should handle responding to this individual. It was decided that Paul Gajewski should respond, with assistance from Travis LePage. LePage was asked about the date for activating a Region 55 website. He stated that it should be operational sometime in February 2006.

A question was asked about who on the Region 55 committee was CAPRAD trained. It was pointed out that Travis LePage is trained. The committee felt that it needed to send someone else, from the Technical Subcommittee, to be CAPRAD trained.

After this Bob Speidel from M/A COM provided a presentation explaining some of the nuances of the 700-MHz band. He addressed the following issues:

- Wideband and narrowband use in the 700-MHz band,
- FCC rules regulating 700-MHz spectrum,
- Standards regarding the 700-MHz band (he highlighted the Interoperability channels), and
- The RPC role and Regional 700-MHz Plan – General Use only:
- No 700-MHz frequencies can be granted until FCC approves the 700-MHz plan,
- Keep the plan simple,
- CAPRAD - NPSTC website (CAPRAD is not mandatory), and
- NCC Implementation Subcommittee.

Speidel provided a second presentation on Communications Interoperability, during which he addressed the following issues:

- Interoperability Triangle (Management, Regulatory, Technical);
- Administration of Interoperability is not the role of the RPC; and
- 4.9 GHz:
- 50 MHz given to RPC 55,
- Permitted uses of 4.9 GHz (broadband mobile, fixed hotspot, temp < 1 year, fixed links etc.),
- No build-out deadlines,
- No coordination is required,
- Problems filling out codes on 601 Schedule D, and
- Dates to file for 4.9 GHz.

Schedule Next Meeting

The next meeting will take place on Wednesday, March 15, 2006 at the Public Safety Training Center, 1190 Scottsville Road, Room 117B, Rochester, NY 14624.

Adjournment

Paul Gajewski made a motion to adjourn the meeting, and Tom Flaherty seconded the motion. The motion was passed, and the meeting ended at 12:01 PM.

March 15, 2006 Public Meeting Notice

PUBLIC NOTICE

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

News media information 202 / 418-0500
Fax-On-Demand 202 / 418-2830
TTY 202 / 418-2555
Internet: http://www.fcc.gov
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DA 06-222
February 2, 2006

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (PR Docket No. 92-287)

The Region 55 (New York – Buffalo area)1 Public Safety Regional Planning Committees will hold two planning meetings on Wednesday, March 15, 2006. The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Public Safety Training Center located at 1190 Scottsville Road, Room 117 B, Rochester, New York.

The agenda for this meeting includes:

1. Review and Approve March 15, 2006 Agenda
2. Review and Approve January 11, 2006 Meeting Report
3. Old Business/Plan Development
   a. Review and Vote on the Regional Plan (Travis LePage)
      i. Interference Protection Criteria and System Design Specifications
      ii. Procedure for Frequency Coordination
4. New Business/Comments
   a. Discuss Aggregation of 700 MHz Wideband Channels into Broadband Channels
5. Schedule Next Meetings.

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 55 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

The agenda for this meeting includes:

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1 Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

March 15, 2006 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Wednesday, March 15, 2006 at 10:00 AM**
LOCATION:	**Public Safety Training Center, 1190 Scottsville Road, Room 105, Rochester, NY 14624**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:00 AM. The following individuals attended the meeting:

Bowman, Steve - Monroe County
Bradley, Mike - Livingston County
Craig, Johnson - Monroe County
Flaherty, Thomas - Erie County
Gajewski, Paul - Erie County
Grube, Joseph - Cattaraugus County
Isby, Robert Jr. - Statewide Wireless Network
LePage, Travis - NYSTEC
Merklinger, John - Monroe County
Opee, Beatrice - NYSTEC
Satter, Virginia - Monroe County
Schlieman, Robert - Statewide Wireless Network
Sharpe, Steve - Genesee County
Stritzinger, Pete - Orleans County
Verdouw, Rich - Monroe County

Wagner, Paul - Orleans County

Review and Approve March 15, 2006 Agenda

Mr. Mike Bradley made a motion to approve the March 15, 2006 meeting agenda as amended. The order of items listed in the agenda under "plan development" was rearranged. Mr. Matthew Trusso seconded the motion, and it passed.

Review and Approve January 11, 2006 Meeting Report

Mr. Paul Gajewski made a motion to accept the January 11, 2006 meeting report. Captain Tom Flaherty seconded the motion, and it passed.

Old Business/Plan Development

Review and Vote on the Regional Plan

Application Scoring Matrix Revisions

Mr. Robert F. Schlieman made a motion to accept the "application scoring matrix revisions," and Sergeant Bradley seconded the motion, which passed.

Interference-Protection Criteria and System-Design Specifications

Mr. Travis LePage summarized sections 1.2, 1.3, 1.4, and 1.5 of the Regional Plan. Discussions involved having fixed versus mobile radios, the concern about the Canadian border, and the importance of having a combination of technologies modified to suit agencies needs. Other discussions focused on system reliability, affordability of the systems, and CAPRAD (Computer-Assisted Pre-Coordination Resource and Database). When a member raised concerns about the cost associated with implementing a new system, another member noted that pool-to-pool reliability degradation threshold is intended to show isolation between users. Mr. LePage gave a brief overview of what CAPRAD is and why it is important to public safety agencies. He noted that he (Mr. LePage) would contact Mr. Bob Spiedel and provide an update regarding CAPRAD training and funding.

Mr. Schlieman made a motion to accept the "interference-protection criteria and system-design specifications." Mr. Gajewski seconded the motion, and it passed.

Procedures for Frequency Coordination

Mr. Schlieman made a motion to accept the "procedures for frequency coordination." Mr. Gajewski seconded the motion, and it passed.

Bylaw Revisions

Mr. Flaherty made a motion to accept the "bylaws revisions" as previously modified. Mr. Trusso seconded the motion, which passed.

New Business/Comments

Discuss Aggregation of 700-MHz wideband Channels into Broadband Channels

Discussions regarding aggregation of 700-MHz wideband Channels into Broadband Channels were postponed until the next meeting due to time constraints.

Update: Completed Sections of the 700-MHz Plan

Mr. LePage gave a brief description of the table of contents. He explained that most sections had been voted on, but that he was still working on some of the portions. He described the general structure of the plan and, when someone asked which sections of the plan were completed, he stated that sections 2, 4, 5-13, Appendices A-J, and Appendices M-R were completed.

Another member asked whom he could talk to regarding border activities with law-enforcement groups and was told to talk to the New York State Homeland Security Department. Another discussion included how the regional plan should be packaged and how long it would take to set up a website.

There was a two-month target date for reviewing the whole plan in one document, followed by four weeks for members to read the plan, with May 24, 2006 set for completion and compilation.

Schedule Next Meeting and Adjourn

Mr. Bradley made a motion to end the meeting; Mr. Gajewski seconded the motion, and the motion passed unanimously. The meeting ended at 11:38 AM.

Evaluation Committee Members:

John Adolph
Jim Herbst
Robert Isby, Jr.
Gary Perkins
Robert Schlieman
Dave Stoltsman
Matt Trusso

June 28, 2006 Public Meeting Notice

PUBLIC NOTICE

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

News media information 202 / 418-0500
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DA 06-1214
June 6, 2006

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (PR Docket No. 92-287)

The Region 55 (New York – Buffalo area)1 Public Safety Regional Planning Committees will hold two consecutive planning meetings on Wednesday, June 28, 2006.

The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Public Safety Training Center located at 1190 Scottsville Road, Room 105, Rochester, New York 14624. The agenda for the meeting includes:

1. Review and Approve June 28, 2006 Meeting Agenda
2. Review and Approve March 15, 2006 Meeting Report
3. Old Business
   a. 700-MHz Plan Development: Discuss, Review, and Finalize the 700-MHz Plan in Preparation for Adjacent Region Concurrence – Mr. Travis LePage
      i. Authority of the Committee
      ii. Planning Committee Administration
      iii. Region 55 Bylaws
      iv. Region 55 Defined
      v. Procedure for Requesting Spectrum Allotments
      vi. Application Requirements
      vii. Application Scoring Matrix

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1 Region 55, the New York – Buffalo area consists of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates Counties in the State of New York.

i. Adjacent Region Coordination
ii. Appendix Sections of the Plan
2. New Business/Comments
3. Schedule Next Meeting

800 MHz Regional Planning Committee Meeting. Immediately following the Region 55 700 MHz Regional Planning Committee meeting, the Region 55 800 MHz Regional Planning Committee will convene its meeting at the Public Safety Training Center located at 1190 Scottsville Road, Room 105, Rochester, New York 14624. The agenda for the meeting includes:

1. Review and Approve June 28, 2006 Meeting Agenda
2. Review and Approve April 26, 2006 Meeting Report
3. Old Business
   a. Update – Region 55 Window #4 Opening
   b. Update – Region 55 Window #3 Concurrence
      i. Region 28
      ii. Region 30
      iii. Region 36
4. New Business/Comments
   a. Update – Region 55 April 26, 2006 Technical Committee Meeting
5. Schedule Next Meeting

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in the New York - Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not conversant with telecommunications technology should ensure that their respective agencies are represented by suitably conversant staff.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz bands, and/or the 4.9 GHz band within Region 55 are encouraged to attend. For further information, please contact:

Captain Joseph Grube, Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
(716) 938-9191
Email: JCGrube@cattco.org

– FCC –

June 28, 2006 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Wednesday, June 28, 2006 at 10:00 AM**
LOCATION:	**Public Safety Training Center, 1190 Scottsville Road, Room 105, Rochester NY 14624**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:00 AM. The following individuals attended the meeting:

Adolf, John - Erie County
Flaherty, Thomas - Erie County
Gajewski, Paul - Erie County
Hamilton, Mark - Integrated System
Herbst, Jim - Monroe County
LePage, Travis - NYSTEC
O'Hare, Dave - Integrated System
O'Hara, Sean - Syracuse Research Corporation
Opee, Beatrice - NYSTEC
Perkins, Gary - Greece Ambulance
Satter, Virginia - Monroe County
Schlieman, Robert - Statewide Wireless Network
Sharpe, Steve - Genesee County
Stolzman, David - Erie County
Stritzinger, Pete - Orleans County

Reese, David - NYSTEC
Trusso, Matt - Chautauqua County
Verdouw, Rich - Monroe County
Wagner, Paul - Orleans County

Review and Approve June 28, 2006 Agenda

The meeting convened at 10:03 AM. The order of items under the "Plan Development" section of the agenda was rearranged. Robert Schlieman made a motion to accept the June 28, 2006 meeting agenda, as amended. Mr. Matthew Trusso seconded the motion, which passed unanimously.

Review and Approve March 15, 2006 Meeting Report

Mr. Paul Gajewski made a motion to approve the March 15, 2006 meeting report. Mr. Trusso seconded the motion, and it passed unanimously.

700-MHz Plan Development: Discuss, Review, and Finalize the 700-MHz Plan in Preparation for Adjacent-Region Concurrence – Mr. LePage

New Sections Included in the Plan

Mr. Travis LePage noted that the new sections of the plan included "TV Interference Protection," "Appendix P: Code of Regulations," and "Appendix S: US Canadian Sharing Strategy." He noted that page 41 section 10 of the 700-MHz plan indicates that Region 55 will protect TV/DTV stations. He further stated that the DTV Transition date is February 17, 2009. Mr. LePage referred to the quick-reference guide for the code of regulations in Appendix P of the 700-MHz Plan, noting that a letter of understanding was signed between the U.S. and Canada.

He stated that there are some restrictions to cities with high populations, such that Syracuse was exempted from the required U.S. - Canadian agreement. Using an overhead projector, Mr. LePage explained the differences between regions, zones, and sectors. He inquired if there were questions regarding the new sections of the plan.

Mr. Steve Sharpe made a motion to approve the new sections of the plan. Mr. Robert Schlieman seconded the motion, and it passed unanimously.

Review of the 700-MHz Plan

Mr. LePage mentioned that RPC Region 30 had expressed concern regarding the highway-scoring matrix, stating that the matrix should be listed as a higher priority in the Regional Plan. Mr. Schlieman explained the concept that Region 30 had derived in relation to the highway-scoring matrix, giving an example of ambulances getting to a location in the winter time; he explained why the scoring matrix had been moved from Tier 4 to Tier 2 of the plan. Mr. Schlieman made

a motion to accept the revised highway-scoring Matrix for Region 55's plan. Mr. Trusso seconded the motion, and it passed.

Mr. LePage explained that page 98 of the 700-MHz Plan included the interregional dispute-resolution process for regions adjacent to Region 55. He asked if there were questions regarding the plan, and noted that the FCC required proof that the Tribal Nations in Region 55 were involved in developing the 700-MHz Plan. Further, he noted that the plan also needed the Chair's signature before it could be mailed for Regional concurrence.

Old Business/Plan Development

Other discussions included determining who was eligible to vote and who was considered a licensee, as well as resolving the issue of agencies that had more than one Federal Registration Number (FRN) in different departments versus agencies who had one FRN used by several departments operating independently. Another issue was to determine the number of voting members in Region 55 and who was eligible to vote based on the interpretation of the Region 55 bylaws.

During the discussion, a member mentioned that section 2.1 should be reworded, while another member suggested that the word "engaged" in section 2.1 should also be changed. There was a detailed discussion regarding who is eligible to be a voting member in Region 55. Cases such as eligible licensees, attendance at meetings, and review of the eligibility of members were argued. A member noted that the portion of section 2.1 of the plan that stated "In order to maintain voting status, each eligible voting member must have attended" does not need to be changed.

Mr. Thomas Flaherty made a motion to not change section 2.1 (a), and Steve Sharpe seconded the motion. It passed unanimously. Mr. Flaherty made a motion to edit and adopt section 2.1 (b) of the plan. Mr. Schlieman seconded the motion, which also passed unanimously.

Mr. Flaherty made another motion to edit section 2.4 of the plan to match the language used in section 2.1 (b) of the plan. Mr. Sharpe seconded the motion, and it passed unanimously.

New Business/Comments

None

Schedule Next Meeting and Adjourn

Mr. Trusso made a motion to adjourn the meeting; Mr. Gajewski seconded the motion, and it passed unanimously. The meeting adjourned at 11:38 AM.

The next meeting is scheduled to take place on October 18, 2006 beginning at 10:00 AM in Erie County at the Erie County Public Safety Campus, 45 Elm Street, Buffalo, NY 14203. Parking is at the corner of Elm Street and North Division (in the guarded parking lot).

October 18, 2006 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 06-1771
September 7, 2006

WIRELESS TELECOMUNICATIONS BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO AREA) PUBLIC SAFETY PLANNING COMMITTEES ANNOUNCE 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (PR Docket No. 92-287)

The Region 55 (New York – Buffalo area)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Wednesday, October 18, 2006.

The Region 55 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Erie County Public Safety Campus, 45 Elm Street, Buffalo, New York. Parking is available at the corner of Elm and North Division Streets (guarded parking lot).

The agenda for the meeting includes:

1. Review and Approve October 18, 2006 Meeting Agenda
2. Review and Approve June 28, 2006 Meeting Report
3. Old Business
   - Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage
4. New Business/Comments
5. Schedule Next Meeting

Immediately following the Region 55 700 MHz Regional Planning Committee meeting, the 800 MHz Regional Planning Committee meeting will convene, also at the Erie County Public Safety Campus, 45 Elm Street, Buffalo, New York.

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

The agenda for the meeting includes:

1. Review and Approve October 18, 2006 Meeting Agenda

2. Review and Approve August 23, 2006 Meeting Report

3. Old Business
   - Update – Region 55 Window #4 Applications regional concurrence – Mr. Sean O'Hara.

   - Update – Region 55 Window #3 Applications
     - Region 28 (Eastern Pennsylvania, Southern New Jersey and Delaware) concurrence
     - Region 30 (New York-Albany area – northern and western counties) concurrence
     - Region 36 (Western Pennsylvania) concurrence

4. New Business/Comments
   - Update – Region 55 Window Update: September 6, 2006 Technical Working Group Conference Call.

5. Schedule Next Meeting

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in the New York – Buffalo area would utilize these frequencies. It is essential that not only public safety, but all government, Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz and/or 4.9 GHz bands within Region 55 are encouraged to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
(716) 938-9191
JCGrube@cattco.org

– FCC –

October 18, 2006 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Wednesday, October 18, 2006 at 10:00 AM**
LOCATION:	**Erie County Public Safety Campus, 45 Elm Street, Buffalo, NY**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:16 AM. The following individuals attended the meeting:

Bowman, Steve - Monroe County
Delaney, Matthew - Statewide Wireless Network
Dzissah, Kwasi - NYSTEC
Gajewski, Paul - Erie County
Grube, Joseph - Cattaraugus County - Chairman
Leonard, Tom - New York State Police
O'Hara, Sean - Syracuse Research Corporation (NYS)
Opee, Beatrice - NYSTEC
Satter, Virginia - Monroe County
Schlieman, Robert - Statewide Wireless Network
Sharpe, Steve - Genesee County
Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County

Review and Approve October 18, 2006 Agenda

The meeting convened at 10:03 AM. Mr. Steve Bowman made a motion to approve the meeting agenda. Mr. Robert Schlieman seconded the motion, which passed unanimously.

Review and Approve June 28, 2006 Meeting Report

Mr. Tom Leonard made a motion to approve the June 28, 2006 meeting report as amended to include an updated list of last-meeting attendees and to update the information on the sign-in sheet for June 28, 2006. Mr. Schlieman seconded the motion, and it passed unanimously.

Old Business

Update: 700-MHz Plan Regional Concurrence – Mr. Travis LePage

Mr. Travis LePage was not available due to scheduling conflicts. Ms. Beatrice Opee provided an update for the regional concurrence, noting that the plan would be delivered to the Chair by October 23, 2006 and that the plan would be delivered to the concurring regions by October 30, 2006. The other update was for the website for Region 55 becoming live on August 30, 2006.

Mr. Schlieman made a motion to put the draft 700-MHz Plan on the Region 55 website, to include draft meeting reports for review and comments on the website, and to put finalized meeting reports on the website for both 700-MHz and 800-MHz, as well as meeting agendas. Mr. Trusso seconded the motion, and it passed unanimously. Further, Captain Grube noted the inclusion of the website link in the letters to the Tribal Nations.

New Business:

Orphaned Channel Issue

Using an overhead projector, Mr. O'Hara gave a detailed presentation regarding the 700-MHz spectrum. He talked about the two paragraphs in Section 5 of the existing plan — which talk about the initial filing window and the pool allotments that go back to the general pool. He showed the committee how flexible the plan could be made by adding in a paragraph that states: *"For a set period of time (as defined in the following paragraph), the National Pool allotments developed and stored in CAPRAD will represent the base allotment plan of Region 55."*

He noted that there are more stringent guidelines regarding the channels in the "outside pool". Furthermore, in order to accommodate flexibility in the utilization of Orphaned channels, the Region 55 plan will also consider the CAPRAD allotments to be valid applications within a 30-mile boundary of their pool-assigned County as long as the following conditions are met; *1) Such application and use meets the interference criteria for out-of-pool allotments set in section 9.5 of this plan and 2) Such use has been approved by the Regional Chairperson after the RPC is permitted no less that thirty (30) days to comment on the terms of the application.*

He also stated that the committee can make changes to the plan within 30 miles and does not really need to make any plan amendment for the FCC before doing that. Finally, he emphasized the importance of the concept for reliability degradation and noted that RPC Regions 8 and 19 proposed a mutual understanding between the two regions to take care of interference concerns so that both regions would be protected. Mr. Sharpe made a motion to submit this "verbiage" to the committee for review, then amended the motion so that the verbiage should be approved at the October 18, 2006 meeting to take care of the orphaned channel and to include it in the 700-MHz plan. Mr. Schlieman seconded the motion, which passed unanimously.

700-MHz Band Restructuring

Mr. O'Hara indicated that there were various proposals on restructuring the 700-MHz band, on allowing broadband aggregation on the 700-MHz band in the wideband portion, and on restructuring the whole band when you do the previous. He showed a presentation on what NPSPAC proposed to allow a wideband or a broadband approach to protect the narrowband allotment. Members from different agencies expressed interest in the broadband technology, but had concerns regarding cost. Other discussions included the narrowband system, the choice of data versus voice options, and the Canadian-border issues.

Schedule Next Meeting and Adjourn

Mr. Sharpe made a motion to end the meeting. Mr. Gajewski seconded the motion, which passed unanimously. The meeting was adjourned at 11:33 AM. The next meeting is scheduled for Thursday, November 30, 2006 at the Genesee County Fire Training Center, 7690 State Street Road, Batavia, NY.

November 30, 2006 Public Meeting Notice

PUBLIC NOTICE

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

News media information 202 / 418-0500
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DA 06-2252
October 31, 2006

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

(PR DOCKET NO. 92-287)

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, November 30, 2006. Beginning at 10:00 a.m., the 700 MHz Regional Planning Committee will convene at the Genesee County Fire Training Center, 7690 State Street Road, Batavia, New York.

The agenda for the 700 MHz meeting includes:

- Review and Approve November 30, 2006 Meeting Agenda
- Review and Approve October 18, 2006 Meeting Report
- Old Business
  - Update – 700-MHz Plan – Orphan Channel (Mr. Travis LePage);
  - Update – 700 MHz Plan – Information on the Region 55 website, and
  - Update – 700 MHz Band Restructuring (Mr. Sean O'Hara).
- New Business/Comments
- Schedule Next Meeting

Immediately following the 700 MHz Regional Planning Committee meeting, the 800 MHz Regional Planning Committee will convene, at the Genesee County Fire Training Center, 7690 State Street Road, Batavia, New York.

The agenda for the 800 MHz meeting includes:

- Review and Approve November 30, 2006 Meeting Agenda
- Review and Approve October 18, 2006 Meeting Report
- Old Business

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

- Update – October 30, 2006 Technical Working Group (TWG) conference call (Mr. Jim Herbst, Chair, TWG);
- Update – Region 55 Window #4 Applications Regional Concurrence (Mr. Sean O'Hara), and
- Update – Region 55 Window #3 Applications
  Region 28 (Eastern Pennsylvania, Southern New Jersey and Delaware) concurrence.

- New Business/Comments
- Schedule Next Meeting

Both of the Region 55 Public Safety Planning Committee meetings are open to the public. All eligible public safety providers in Region 55 whose sole or principal purpose is to protect the safety of life, health, or property may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's Rules, be represented in order to ensure that each agency's future spectrum needs are considered in the 700 MHz allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of new public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 are encouraged to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Regional Planning Committee
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

November 30, 2006 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Thursday, November 30 2006, at 10:00 AM**
LOCATION:	**Genesee County Fire Training Center,** **7690 State Street Road, Batavia, NY**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:05 AM. The following individuals attended the meeting:

Adolf, John - Erie County
Delaney, Matthew - Statewide Wireless Network
Dzissah, Kwasi - NYSTEC
Grube, Joseph - Cattaraugus County - Chairman
Schlieman, Robert - Statewide Wireless Network
LePage, Travis - NYSTEC
Sharpe, Steven - Genesee County
Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County

Review and Approve November 30, 2006 Agenda

The meeting convened at 10:05 AM. Mr. Steven Sharpe made a motion to approve the meeting agenda. Mr. John Adolf seconded the motion, and it passed unanimously.

Review and Approve October 18, 2006 Meeting Report

Mr. Robert Schlieman made a motion to approve the October 18, 2006 meeting report. Mr. Steven Sharpe seconded the motion, and it passed unanimously.

Old Business

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Following the approval of the revised Interregional Dispute Resolution Procedure, Mr. Travis LePage informed the members of the committee that the plan had been submitted to Regions 28, 30, and 36 for review. Mr. LePage also noted that Region 36 has not met since March 31, 2005, but he has been working with Region 36 to schedule a meeting at which he could walk the committee through the RPC R55 700-MHz plan.

Mr. LePage gave an update on the 700-MHz plan as a whole modification and informed the members of the committee that the only revision made to the plan was in subsection 9.2 under the Interference Protection Criteria and System Design Specification. This subsection addressed the use of TSB 88 and Longley rice propagation to evaluate coverage and interference for proposed systems in the region. He also talked about the Longley Rice model being free (in the public domain) and having been consistently implemented for propagation modeling. Mr. Schlieman added that, when it comes to interference issues, the FCC recognizes the Longley Rice model as an appropriate methodology for analyzing propagation. Mr. Sharpe made a motion to finalize and incorporate the changes into the plan, to proceed to interregional concurrence, and to file the plan to the FCC. This motion was seconded by Mr. Adolf and passed unanimously.

Orphaned-Channel Issue

Mr. LePage informed members of the committee that Mr. O'Hara had given a detailed presentation and proposed a method to address the Orphan Channels in the RPC R55 700-MHz Plan during the last meeting, held on October 18, 2006. Mr. LePage stated that the orphan-channel verbiage has been implemented in the plan and he presented a document about the two paragraphs in Section 5 of the existing plan — which talks about the initial filing window, the pool allotments that go back to the general pool, and the reliability-degradation threshold.

Update – Information on the Region 55 Website

Mr. LePage noted that the RPC R55 700- and 800-MHz website pages have been updated to include the approved and pending meeting minutes and that the NYS-RPC home page includes a recently added feature that highlights newly added contents.

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Mr. Sean O'Hara was not available due to scheduling conflicts. Mr. Schlieman talked briefly about the 700-MHz band restructuring, and he informed members that NCC was going to start using the band before the TV channels moved out. He also talked about how the band is going to be split between two (2) TV channels for reconfiguration. He also noted that there have been various proposals from commercial interests and that these might give Public Safety an extra three to four (3-4) megahertz of usable spectrum.

New Business:

Interregional Dispute-Resolution Process

Mr. LePage presented the committee a draft discussion copy of the interregional dispute-resolution process and informed the members that the terms of the interregional frequency-coordination dispute-resolution procedure have been revised to improve the response time on getting applications approved by adjacent Regions. He also noted that the procedure is standardized to promote and maintain consistency throughout the State of New York's 700-MHz Plan. Mr. Adolf inquired if the Technical Subcommittee working group gives approval to changes to the plan. Mr. Schlieman informed him that the working group gives recommendations to the chairperson of the Region, who acts on behalf of the Region. A motion was made by Mr. Schlieman to accept the modification to the plan. Mr. Trusso seconded the motion, which passed unanimously.

Update - RPC Region 55 - October 30, 2006 Working Group Conference Call

Due to the absence of Mr. O'Hara, Mr. LePage gave an update on the Technical Working Group. Mr. LePage noted that Mr. O'Hara walked everyone through the proposals and that the outcome of the call was that R55 and R30 will file a joint comment on FCC Docket # 96-86. This comment was submitted to the FCC.

Schedule Next Meeting and Adjourn

Mr. Schlieman made a motion to end the meeting. Mr. Stritzinger seconded the motion, which passed unanimously. The meeting was adjourned at 10:38 AM. The next meeting is scheduled for Thursday, January 18, 2007 at the Buffalo Fire Department, 3359 Broadway, Cheektowaga NY, 14227, to commence after the completion of the 700-MHz meeting.

January 18, 2007 Public Meeting Notice

PUBLIC NOTICE

News media information 202 / 418-0500
Fax-On-Demand 202 / 418-2830
TTY 202 / 418-2555
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Federal Communications Commission
445 12th St., S.W.
Washington, D.C. 20554

DA 06-2592
December 26, 2006

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, January 18, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Erie County Fire Training Center, 3359 Broadway, Cheektowaga, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve January 18, 2006 meeting agenda
- Review and approve November 30, 2006 meeting report
- Old Business
  - Update – 700 MHz Plan (Mr. Travis LePage)
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

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[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

The agenda for the 800 MHz meeting includes:

- Review and approve January 18, 2006 meeting agenda
- Review and approve November 30, 2006 meeting report
- Old business
  - Update – December 15, 2006 Technical Working Group (TWG) conference call (Mr. Matthew Delaney, Chair, TWG)
  - Update – Region 55 Window #4 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Region 55 Window #3 applications
    Region 28 (Eastern Pennsylvania, Southern New Jersey and Delaware) concurrence.
- New business/comments
  - Window #5 application
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

January 18, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Thursday, January 18, 2007, at 10:00 AM**
LOCATION:	**Erie County Fire Training Center, 3359 Broadway Street, Cheektowaga, NY**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:02 AM. The following individuals attended the meeting:

Adolf, John - Erie County
Delaney, Matthew - Statewide Wireless Network
Dzissah, Kwasi - NYSTEC
Grube, Joseph - Cattaraugus County – Chairman
LePage, Travis - NYSTEC
O'Hara, Sean - Syracuse Research Corporation (SRC)
Satter, Virginia - Monroe County
Schlieman, Robert - Statewide Wireless Network
Stein, Joe - TYCO Electronics - M/A-COM
Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County
Verdouw, Rich - Monroe County

Review and Approve January 18, 2007 Agenda

The meeting convened at 10:02 AM. Mr. Matt Trusso made a motion to approve the meeting agenda with an addition to show Mr. Sean O'Hara giving an update on the 700-MHz band restructuring. Mr. Robert Schlieman seconded the motion, and it passed unanimously.

Review and Approve November 30, 2006 Meeting Report

Mr. Matt Trusso made a motion to approve the November 30, 2006 meeting report. Mr. Sean O'Hara seconded the motion, and it passed unanimously.

Old Business

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Mr. LePage informed the members of the committee that the Region 55 Regional Planning Committee Plan was submitted to Regions 28, 30, and 36 on January 8, 2007. He also informed everyone that a draft version of the RPC R55 plan is available on the website for members to review.

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Mr. O'Hara talked about the 700-MHz broadband optimization plan, the needs to avoid the issues that arose in the 800-MHz band, and what had been proposed to NPSTC. He talked about the three different ways in which the band is going to work. First is to have the guard band deploy systems on frequencies they were not allowed to use before, and, in return, Public Safety is asking guard band users for some mechanism to make sure Public Safety is protected if anything should happen. Second, there has to be a mandatory coordination process and an approval process so that, if the guard band personnel wanted to deploy anything within the region, they will have an application template that goes through the chairperson of the region for approval. The third is the determination of the Power-flux-density limitation on the guard band, which might not be required. He informed members that the plan is going to be delivered to NPSTC by next week and then be submitted to the FCC. Mr. Schlieman showed the relationship of what is currently in use in terms of the FCC reallocation of spectrum, and Mr. O'Hara explained the current band plan and the re-configuring of the public-safety allocation to the broadband optimization plan.

Mr. O'Hara encouraged members of the committee to comment on this reallocation issue.

Mr. O'Hara also gave a quick summary on the FCC Docket # 96-86. He talked about the three notices of proposed rule making (NPRMs), which are all different. The first NPRM is about the broadband optimization plan; the second talks about the NPSTC plan to aggregate the broadband; and the third is about what FCC just filed — which is similar to what Cyren Call proposed. What they are asking is that the 12 MHz of broadband that Public Safety currently has and that is currently under RPC control be taken away from Public Safety and put it under

National Authority and a not-for-profit entity. Mr. Schlieman made a motion to authorize the chair to submit a filing prepared by the technical subcommittee to meet the deadline. The motion was seconded by Mr. Trusso, and it passed unanimously

Mr. Schlieman also noted that the committee should set up something for the broadband optimization plan in terms of submitting a new comment, and he gave the chair a draft letter from Mr. Stephen Devine (Region 24 chairperson), which talked about enhancing the broadband capability for Public Safety. Mr. O'Hara made a motion to contact Mr. Devine on what other RPC Chairs are interested in the comment and to propose a group letter to the FCC. Mr. Delaney seconded the motion, and it passed.

New Business:

Facilitating Adjacent-Region Concurrence

Mr. LePage noted that he and Mr. O'Hara had met with RPC Region 28 back on August 17, 2006 and had discussed the RPC Region 8 700-MHz Plan, which has a spectrum-coordination process identical to that in the Region 55 700-MHz Plan. He also noted that he is going to reach out to Mr. Richard Reynolds (Region 28 chair) to facilitate concurrence for Region 55 and he is also going to facilitate concurrence with Region 30 at its next meeting, February 6, 2007. Further, Mr. LePage noted that, although the Region 36 committee has not met since March 31, 2005, he is working with Richard Matason, Regional Convener, to discuss the RPC Region 55 700-MHz Plan.

Schedule Next Meeting and Adjourn

Ms. Satter made a motion to end the meeting. Mr. O'Hara seconded the motion, which passed unanimously. The meeting was adjourned at 10:51AM. The next meeting is scheduled for Thursday, March 15, 2007 at the Monroe County Public Safety Facility Center, 1190 Scottsville Road, Room 103, Rochester, NY 14624.

March 15, 2007 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 07-571
February 6, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, March 15, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Monroe County Public Safety Facility Center, 1190 Scottsville Road, Room 103, Rochester, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve March 15, 2007 meeting agenda
- Review and approve January 18, 2007 meeting report
- Old business
  - Update – concurrence from adjacent Regions 28, 30, and 36 (Mr. Travis LePage)
  - Update – 700 MHz band restructuring (Mr. Sean O'Hara)
- New business/comments
- Vote on granting concurrence for Regional Planning Committee Region 30 700 MHz plan
- Schedule next meeting
- Adjourn

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve March 15, 2007 meeting agenda
- Review and approve January 18, 2007 meeting report
- Old business
  - Update – February 5, 2007 Technical Working Group (TWG) conference call (Mr. Matthew Delaney, Chair, TWG)
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

March 15, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Thursday, March 15, 2007, at 10:00 AM**
LOCATION:	**Monroe County Public Safety Facility Center, 1190 Scottsville Road, Room 103, Rochester, NY**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:12 AM. The following individuals attended the meeting:

Bowman, Steve - Monroe County
Cimo, Anthony - Syracuse Research Corporation (SRC)
Delaney, Matthew - Statewide Wireless Network
Dzissah, Kwasi - NYSTEC
Gajewski, Paul - Erie County
Grube, Joseph - Cattaraugus County - Chairman
LePage, Travis - NYSTEC
O'Hara, Sean - Syracuse Research Corporation (SRC)
Opee, Beatrice - NYSTEC
Perkins, Gary - Greece Ambulance
Pugliese, David - Monroe County
Roche, Chief Tomas J. - NYS - SWN
Satter, Virginia - Monroe County
Schlieman, Robert - Statewide Wireless Network - On Conference Call
Sharpe, Steven - Genesee County

Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County
Verdouw, Rich - Monroe County
Wagner, Paul - Orleans Emergency Management Office

Review and Approve March 15, 2007 Agenda

The meeting convened at 10:12 AM. Ms. Virginia Satter made a motion to approve the meeting agenda. Chief Thomas J. Roche seconded the motion, and it passed unanimously.

Review and Approve January 18, 2007 Meeting Report

Mr. Matt Trusso made a motion to approve the January 18, 2007 meeting report. Mr. Gary Perkins seconded the motion, and it passed unanimously.

Old Business

Update: 700-MHz Plan Status Report – Mr. Travis LePage

Mr. LePage noted that Region 55 received clarification that coordination of the 700-MHz Regional Plan with Region 33 (Ohio) is required, as Region 55 is located within seventy (70) miles of the State of Ohio. Therefore, the Regional Plan and its associated documents were revised accordingly. The applicable documents have been executed by Captain Grube and are being delivered to RPC Regions 28, 30, 33, and 36 this week.

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Region 28

Mr. LePage informed the members of the committee that Mr. Sean O'Hara and he had met with Region 28 on August 17, 2006 and walked Region 28 through the Region 30's 700-MHz Plan, which closely matches the Region 55 Plan. He continued by noting that he is currently working with Richard Reynolds (Region 28 Chairperson) and its Technical Subcommittee to facilitate concurrence for the Region 55 700-MHz Plan. He also noted that they anticipate that Region 28 will be providing concurrence to the plan within four to six weeks.

Region 30

Mr. LePage noted that RPC Region 30 granted concurrence for the RPC 55 700-MHz Plan on March 1, 2007.

Region 33

Mr. LePage noted that facilitating a meeting with Region 33 (Paul Mayer, Chairperson) was needed to walk its Committee through the Region 55 700-MHz Plan.

Region 36

Mr. LePage informed the committee that he had contacted the FCC (Ms. Jeannie Benfaida) to determine what actions Region 55 needs to take to obtain concurrence from Region 36. He then noted that a request for waiver of the Commission's Rules declared in the Code of Federal Regulations (CFR) is needed. He was then referred to the FCC docket DA 06-572A1, which was a sample of a waiver filed by Idaho, which had a similar situation. Mr. LePage informed the members that the waiver verbiage will state something like:

> *"Region 55 requests a waiver of Section 90.527(a)(5), which provides that regional plans must include an explanation of how the plan had been coordinated with adjacent regions, because Region 55 was unable to obtain a Letter of Concurrence and Dispute Resolution Agreement from Region 36 (Western Pennsylvania)."*

He then showed the members of the committee a copy of the waiver (FCC DA # 06-572A1) that was filed by Region 12 (Idaho) concerning Region 25 (Montana).

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Captain Grube (Chairperson) informed the members that he had received, in the middle of February, a document from a representative of Verizon Wireless with a white paper berating the proposal to reconfigure the 700-MHz band like Mr. O'Hara had explained in previous meetings. Mr. O'Hara talked about the comments and compared those from Verizon Wireless with what Public Safety has already proposed:

- "Guard Bands remain necessary at 700 MHz to separate incompatible services, including commercial cellular and non-cellular public safety deployments."
  - With the BOP, public safety will continue to utilize Guard Bands configured as "flexible use" bands. These will offer especially significant advantages in areas where A block systems are deployed similarly to Public safety broadband networks.
- "Reconfiguration of the public safety spectrum to consolidate narrowband and broadband uses has merit, but would not eliminate the risk of interference."
  - Agree, but the BOP makes the interference environment better.
  - In order to fix the remaining issues, we need to obtain additional protections from the C, D, (bringing in A as well) blocks' licensees.
- "The interference potential at 700 MHz is the same type of interference present at 800 MHz, which required a hugely expensive rebanding effort with Nextel. Removing the Guard Band restrictions would create the same problems at 700 MHz."
  - Disagree; we feel that the BOP makes the interference environment better.
  - In order to fix the remaining issues, we need to obtain additional protections from the C, D, (bringing in A as well) blocks' licensees.

- "Significant changes to the Guard Band rules would risk increased interference, and thus, are not warranted. However, additional flexibility could be provided to Guard Band Licensees subject to the condition that no harmful interference be caused to public safety licensees."
  - Disagree; we feel that the BOP makes the interference environment better.
  - Furthermore, the BOP offers additional flexibility and spectrum to public safety, as well as a funding mechanism to restructure the band to provide stronger protection against internal and external interference

Mr. Schlieman moved that Region 55 file a comment to support the broadband optimization plan. It was seconded by Mr. Trusso, and it passed unanimously.

New Business:

Voting on Providing Concurrence for RPC Region 30's 700-MHz Plan: Mr. LePage

Mr. LePage talked briefly about RPC Region 30's 700-MHz Plan, which he had previously distributed, posted on the NYS-RPC website, and emailed out to the members of the committee for review. With the approval of Captain Grube (Chairperson), he asked the committee for a motion to approve and file concurrence for Region 30's 700-MHz plan. That was so moved by Mr. Steven Sharpe and seconded by Mr. Matt Trusso — along with everyone voting to approve the motion.

Finally, Mr. LePage informed the members about the NYS-RPC website, www.nys-rpc.org, which is still a work in progress, and he encouraged members to become familiar with it.

Schedule Next Meeting and Adjourn

Mr. Sharpe made a motion to end the meeting. Mr. Bowman seconded the motion, which passed unanimously. The meeting was adjourned at 10:56 AM. The next meeting is scheduled for Thursday, May 10, 2007 at the Cattaraugus County Emergency Operating Center, 303 Court Street, Little Valley, NY 14755.

May 10, 2007 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 07-1722
April 16, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, May 10, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Cattaraugus County Emergency Operating Center, 303 Court Street, Little Valley, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve May 10, 2007 meeting agenda
- Review and approve March 15, 2007 meeting report
- Old business
  - Update – concurrence from adjacent Regions 28, 33, and 36 (Mr. Travis LePage)
  - Update – 700 MHz band restructuring (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve May 10, 2007 meeting agenda
- Review and approve March 15, 2007 meeting report

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

- Working group activities
  - 800 MHz working group (Mr. Matthew Delaney)
- Old business
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
- New business/comments
  - Proposal for Regional Planning Committees handling of public safety spectrum in Canadian border regions
  - Joint petition (Regional Planning Committee Region 55/Regional Planning Committee Region 30) to narrowband old block channels to 12.5 KHz
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

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May 10, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Thursday, May 10, 2007, at 10:00 AM**
LOCATION:	**Cattaraugus County Emergency Operating Center, 303 Court Street, Little Valley, NY 14755**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:05AM. The following individuals attended the meeting:

Adolf, John - Erie County
Coyne, Thomas - Buffalo Fire
Delaney, Matthew - Statewide Wireless Network
DiMario, Karen - Motorola
Dzissah, Kwasi - NYSTEC
Flaherty, Thomas - Erie County
Fowler, Tim - Motorola
Gajewski, Paul - Erie County
Gates, Michael - Seneca Nation of Indians
Grube, Joseph - Cattaraugus County - Chairman
John, Michael - Seneca Nation of Indians
Keyes, Michele - Seneca Nation of Indians
Lombardo, Michael - Buffalo Fire
LePage, Travis - NYSTEC
O'Hara, Sean - Syracuse Research Corporation (SRC)

Pugliese, David - Monroe County
Schlieman, Robert - Statewide Wireless Network - On Conference Call
Sharpe, Steven - Genesee County
Stritzinger, Pete - Orleans County
Verdouw, Rich - Monroe County
Wagner, Paul - Orleans Emergency Management Office

Review and Approve May 10, 2007 Agenda

The meeting convened at 10:05 AM. Mr. John Adolf made a motion to approve the meeting agenda with it amended to have Mr. Travis LePage discuss the guidelines for the 700-MHz interoperability under new business. Mr. Rich Verdouw seconded the motion, and it passed unanimously.

Review and Approve March 15, 2007 Meeting Report

Mr. Steven Sharpe made a motion to approve the March 15, 2007 meeting report. Mr. Paul Gajewski seconded the motion, and it passed unanimously.

Old Business

Update: 700-MHz Plan Development Status – Mr. Travis LePage

Mr. LePage informed the members of the committee that the last version (revision 1.6) of the Region 55 700-MHz plan was published on April 4, 2007. He noted that verbiage and formatting changes were made throughout the document, and that the RPC Region 36 Regional Convener's signature was affixed to the adjacent-region concurrence letter in Appendix K.

Further, Mr. LePage informed the members that RPC Region 8 had formed a Wideband/Broadband Technical Subcommittee to explore regional deployment of 700-MHz broadband, allocation of wideband/broadband channels, and data-interoperability guidelines. He continued by noting that the outcomes will be published as a modification to the existing RPC Region 8 700-MHz Plan, and suggested that Region 55 may choose to adopt similar methodologies for inclusion in its own 700-MHz Plan.

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Region 28

Mr. LePage informed the members of the committee that he is currently working with Region 28's Richard Reynolds (Chairperson) and its Technical Subcommittee to facilitate concurrence for the Region 55 700-MHz Plan. He also noted Region 55 should anticipate that Region 28 will provide concurrence to the plan by May 31, 2007.

Region 33

Mr. LePage noted that Region 33 is still reviewing the plan and that concurrence will likely depend on Region 55 reviewing Region 33's plan. He also announced that Region 55 members should anticipate that Region 33 will provide concurrence to the plan by May, 31, 2007

Region 36

Mr. LePage told the members that concurrence for the Region 55 700-MHz plan was granted by Mr. Richard Matason (RPC Region 36 Regional Convener) on April 11, 2007.

Finally, he informed the members that he anticipates delivering the region's 700-MHz plan to the Federal Communications Commission on June 15, 2007; also, he informed the members that the Plan's supporting documents and adjacent-region concurrence information is available on the RPC 55 Website (www.nys-rpc.org).

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

After Mr. O'Hara gave an update on the 700-MHz restructuring, an extensive discussion with the members of the committee about the Commission's Report and Order and Further Notice of Proposed Rulemaking (FNPRM) followed. Mr. Sean O'Hara gave a brief presentation regarding the FCC R&O plus FNPRM. He noted that FCC had released a huge R&O that contained seven dockets. Mr. O'Hara's presentation highlighted issues that affect public safety communities such as: 700-MHz licensee can only meet radiated power levels on an average basis rather than a peak basis, and the FCC was not accepting the extension of interference protection that Public Safety had in the 800-MHz band to the 700-MHz band.

In the FNPRM, Mr. O'Hara noted that the Commission has made a lot of tentative decisions that do affect Public Safety; these include the Broadband Optimization Plan (BOP), the allocating of all of the currently unassigned 12 MHz of wideband Public Safety Spectrum to broadband only, and the adoption of a national broadband interoperability standard.

Mr. O'Hara commented that the Commission seemed to like the Frontline band proposal and is actively seeking comments, as well as other band proposals. He also noted that Public Safety needs to address issues like the Broadband Optimization Plan (BOP), the interoperability standards, the ability of Public Safety to effectively maintain and control the guard band spectrum, the prohibition on wideband operations, and seamless narrowband interoperability channels across all Regions. He added that Region 55 will need to deal with all these issues as well as the Canadian-border issues.

Finally, Mr. O'Hara informed the members that the Commission has given only 21 days (after Federal Register Publication) to respond to the FNPRM in order to meet the Congressional auction deadlines.

New Business:

Administering the Low-Power Interoperability Channels

Using the projector to show the interoperability spectrum bandwidth and distribution of the use of 700-MHz Low Power Interoperability Channels under the responsibility of the Regional Planning Committee, Mr. LePage informed the Committee that it should consider including guidelines in the region's 700-MHz Plan to administer the Low-Power Interoperability Channels. He also informed the members that a draft document had been distributed to the adjacent regions in an effort to promote interregional interoperability.

Facilitate Concurrence with Region 33's 700-MHz Plan

Mr. LePage asked for approval from the Chair to discuss facilitating concurrence to Region 33 700-MHz plan. The chair informed the members that Region 33 is inquiring about when it would receive concurrence from Region 55. Mr. LePage suggested that the technical committee should hold a conference on reviewing the plan and providing concurrence with the Region 33 plan. Mr. Sharpe also suggested that Region 55 could provide conditional concurrence for Region 33's Plan, pending a Technical Subcommittee review. The chair noted that it could be done, and Mr. Sharpe made a motion to approve the Regional Planning Committee (RPC) Region 33 700-MHz plan pending the Region 55 Technical Subcommittee reviewing of the Region 33 plan. The motion was seconded by Mr. Gajewski, and it passed unanimously. The technical subcommittee is scheduled to meet on May 25, 2005 at 10:00 AM to discuss, review, and provide concurrence with Region 33 700-MHz plan.

Schedule Next Meeting and Adjourn

Mr. Adolf made a motion to end the meeting. Mr. Stritzinger seconded the motion, which passed unanimously. The meeting was adjourned at 12:01 PM. The next meeting is scheduled for Thursday, July 12, 2007 at the Erie County Fire Training Center, 3359 Broadway Street, Cheektowaga, NY.

July 12, 2007 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 07-2336
June 5, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, July 12, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Erie County Fire Training Center, 3359 Broadway Street, Cheektowaga, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve July 12, 2007 meeting agenda
- Review and approve May 10, 2007 meeting report
- Old business
  - Update – concurrence from adjacent Regions 28, 33, and 36 (Mr. Travis LePage)
  - Update – 700 MHz band restructuring (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve July 12, 2007 meeting agenda
- Review and approve May 10, 2007 meeting report

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

- Working group activities
  - 800 MHz working group (Mr. Matthew Delaney)
- Old business
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
  - Proposal for Regional Planning Committees handling of public safety spectrum in Canadian border regions (Mr. Sean O'Hara)
  - Joint petition (Regional Planning Committee Region 55/Regional Planning Committee Region 30) to narrowband old block channels to 12.5 KHz (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

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July 12, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Streets, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Thursday, July 12, 2007, at 10:00 AM**
LOCATION:	**Erie County Fire Training Center, 33359 Broadway Street, Cheektowaga, NY**

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:04 AM. The following individuals attended the meeting:

Adolf, John - Erie County
Dzissah, Kwasi - NYSTEC
Flaherty, Thomas - Erie County
Gajewski, Paul - Erie County
Grube, Joseph - Cattaraugus County - Chairman
LePage, Travis - NYSTEC
O'Hara, Sean - Syracuse Research Corporation (SRC)
Pugliese, David - Monroe County
Roche, Thomas - Statewide Wireless Network
Trusso, Matt - Chautauqua County
Verdouw, Rich - Monroe County
Wagner, Paul - Orleans Emergency Management Office
Whittington Jr., Gerard - Erie County Police

Review and Approve July 12, 2007 Agenda

The meeting convened at 10:04 AM. Mr. Thomas Roche made a motion to approve the meeting agenda. Mr. Matt Trusso seconded the motion, and it passed unanimously.

Review and Approve May 10, 2007 Meeting Report

Mr. Paul Gajewski made a motion to approve the May 10, 2007 meeting report. The motion was seconded by Mr. Sean O'Hara, and passed unanimously.

Old Business

Update: 700-MHz Plan Development Status - Mr. Travis LePage

Mr. LePage informed the members of the committee that the status of the 700-MHz Wideband/Broadband reconfiguration is still being monitored. He continued by telling the committee that RPC Region 8 had formed a Wideband/Broadband Technical Subcommittee to explore regional deployment of 700-MHz broadband, allocation of wideband/broadband channels, and data-interoperability guidelines. The outcomes will be published as a modification to the existing RPC Region 8 700-MHz Plan. He suggested that Region 55 might want to choose to adopt similar methodologies for inclusion in its own 700-MHz Plan. Some of the emerging considerations about which Mr. LePage informed the members include: promoting flexibility in deploying narrowband, wideband, and broadband; migrating existing data applications (e.g., shift the 25-kHz data application to 700-MHz wideband (possibly broadband) channels to recover NPSPAC channels for voice); and pre-allotting a spectrum (equal access for a period of time).

Administering the Low-Power Interoperability Channels

Using the projector to show the interoperability spectrum bandwidth and the distribution of the use of 700-MHz Low Power Interoperability Channels under the responsibility of the Regional Planning Committee, Mr. LePage informed the Committee that it should consider including guidelines in the region's 700-MHz Plan to administer the Low-Power Interoperability Channels. He also told the members that a draft document had been distributed to the adjacent regions in an effort to promote interregional interoperability.

However, there were some concerns with the verbiage of the document — specifically relative to CFR title 47 — and the vagueness concerning the ability to use the channels all the time or just within an incident area. He informed the members that RPC Region 8 members have set up a meeting to review the verbiage and recommended/suggested that the Region 55 committee wait on the outcome before submitting the 700-MHz Plan to the Commission.

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Region 28

Mr. LePage informed the members of the committee that Mr. Richard Reynolds (RPC Region 28 Chairperson) had reached out to him and informed him that the review of Region 55's plan is nearing completion and that concurrence will be provided very soon. He also noted that, in a show of good faith, Region 55 continues to provide resources, recommendations, and support to Region 28 to assist its members in developing its 700-MHz plan. Mr. LePage added that he anticipated that Region 28 would provide concurrence by July 31, 2007.

Region 33

The chairperson (Captain Joseph Grube) informed the committee that Region 55's Technical Subcommittee had produced a document that outlines some of the things that its members did not like in Region 33's plan. These include grammatical corrections and topographical changes. He also commented that he suspects that, once Region 33 reviews the comments from Region 55's Technical Subcommittee, it will provide concurrence, but he is not sure about the time frame. Mr. LePage remarked that Region 55 members should anticipate that Region 33 will provide concurrence to the plan by July, 31, 2007.

Region 36

Mr. LePage told the members that concurrence for Region 55's 700-MHz plan was granted by Mr. Richard Matason (RPC Region 36 Regional Convener) on April 11, 2007.

Mr. Gajewski asked if concurrence from Regions 28 and 33 was a prerequisite before submitting the plan to the Commission? "Yes, because both regions are active regions," Mr. LePage responded.

Finally, he informed the members that he anticipates delivering Region 55's 700-MHz Plan to the Federal Communications Commission on August 10, 2007.

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Mr. O'Hara gave a brief update on the 700-MHz restructuring by informing the members there has not been any official announcement since the last meeting. He added that the Commission is planning to make its decision before APCO make its decision.

New Business:

Discussion on the Technical Subcommittee - Mr. Travis LePage

Mr. LePage talked briefly about the bylaws associated with the 700-MHz Plan and informed the members about the selection of a Technical Subcommittee, for which the members and the Chair shall be appointed by Region 55's Chairperson, Captain Joseph Grube. The Ttechnical Subcommittee will be responsible for addressing all engineering- and technology-oriented aspects of the committee's operation, which includes evaluating applications vis-à-vis the

application-scoring matrix; conducting a technical review of the applications; coordinating intraregional and interregional coordination and concurrence of the approved channel allotments; working with federal, state, and local entities to facilitate interoperability and reviewing interference-allegation reports; and developing and implementing interference-resolution activities and monitoring and tracking interference issues.

Schedule Next Meeting and Adjourn

Mr. Trusso made a motion to end the meeting. Mr. Flaherty seconded the motion, which passed unanimously. The meeting was adjourned at 10:40 AM. The next meeting is scheduled for Tuesday, September 25, 2007 at the Monroe County Public Safety Facility Center, 1190 Scottsville Road, Room 107, Rochester, NY 14624.

September 25, 2007 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 07-3396
July 25, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, September 25, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Monroe County Public Safety Facility Center, 1190 Scottsville Road, Room 107, Rochester, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve September 25, 2007 meeting agenda
- Review and approve July 12, 2007 meeting report
- Old business
  - Update – concurrence from adjacent regions (Mr. Travis LePage)
  - Update – 700 MHz band restructuring (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve September 25, 2007 meeting agenda
- Review and approve July 12, 2007 meeting report
- Working group activities
  - 800 MHz Working Group (Mr. Matthew Delaney)

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

- Old business
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
  - Proposal for Regional Planning Committees handling of public safety spectrum in Canadian border regions (Mr. Sean O'Hara)
  - Joint petition (Regional Planning Committee Region 55/Regional Planning Committee Region 30) to narrowband old block channels to 12.5 KHz (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting and adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
Cattaraugus County Sheriff's Office
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

Paul Gajewski, Vice Chair
Deputy Director, Law Enforcement Communications
74 Franklin Street
Buffalo, New York 14202
(716) 858-6227
gajewskp@erie.gov

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September 25, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR: Captain Joseph C. Grube
Communications Division
Cattaraugus County Sheriff's Office
301 Court Streets, Little Valley, NY 14755
(716) 938-9191

DATE/TIME: Tuesday, September 25, 2007, at 10:00 AM

LOCATION: Monroe County Public Safety Facility Center, 1190 Scottsville Road, Room 107, Rochester, NY 14624

Opening Remarks

Captain Joseph Grube was not present at this meeting. Mr. Paul Gajewski (Vice Chairperson) welcomed everyone to the meeting at 10:12 AM. The following individuals attended the meeting:

Bowman, Steve - Monroe County
Cecula, John - Niagara County
Coyne, Thomas - Buffalo Fire
Dzissah, Kwasi - NYSTEC
Flaherty, Thomas - Erie County
Gajewski, Paul - Erie County (Vice Chairperson)
Leone, Julius - Chautauqua County
Pugliese, David - Monroe County
Roche, Thomas - Statewide Wireless Network
Satter, Virginia - Monroe County
Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County
Tyler, Thomas - Dataradio

Verdouw, Rich - Monroe County
Wagner, Paul - Orleans Emergency Management Office

Review and Approve September 25, 2007 Agenda

The meeting convened at 10:12 AM. Mr. Matt Trusso made a motion to approve the meeting agenda. Mr. Thomas Roche seconded the motion, and it passed unanimously.

Review and Approve July 12, 2007 Meeting Report

Mr. Matt Trusso moved to accept the July 12, 2007 meeting report. The motion was seconded by Mr. Thomas Flaherty, and passed unanimously.

Old Business

Update: 700-MHz Plan Development Status - Mr. Travis LePage

In the absence of Mr. LePage, Mr. Kwasi Dzissah informed the members of the committee about the activities going on for the region's 700-MHz plan. He stated that a detailed review of the FCC's Second Report and Order 1 (700-MHz band reconfiguration) was conducted to determine its impact on the proposed 700-MHz plan. As a result, revisions are being made to the proposed 700-MHz plan. As discussed and explained in previous meeting, Mr. Dzissah noted that RPC Region 55 needs to make a decision whether to revise and include guidelines to administer the 700-MHz General Use Low-Power Interoperability Channels in the plan. Mr. Bowman inquired on what was meant by "administering the 700-MHz Low-Power Interoperability Channels"? Mr. Bowman further commented that the challenge with the interoperability channels is when they are low-powered and an agency wants them on scene; many incident commanders look for assistance from a dispatcher in coordinating on-scene operations or the agency will have to use a different channel. There were discussions among the members. Others concerns were that it should be standardized throughout the region with limitations, since it is low powered and the agency can't get an on-scene dispatcher. Others commented that the low-power channels are available for mobile operations only, but should be available on each license, based on an unprotected basis and limited to a maximum ERP of two (2) watts. They are for on-scene mobile-radio use only.

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Region 28

Relating the news from Mr. LePage, who was not present at this meeting, Mr. Dzissah informed the members that an outreach was conducted with RPC 28 (Eastern Pennsylvania) to determine the status of interregional concurrence for the proposed 700-MHz plan. On August 29, 2007, Mr. Richard Reynolds provided RPC Region 55 with a concurrence letter for the proposed plan.

Region 33

Region 55 continues to conduct outreach activities with RPC Region 33 (Ohio) to close out the mutual interregional concurrence process for the proposed 700-MHz plans.

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Mr. O'Hara was not present at this meeting and had asked the members of the committee if a conference call meeting could be set up for the updates on the 700-MHz band restructuring. Members of the committee consensually agreed, and a conference-call meeting was scheduled for Thursday, September 19, 2007 at 1:30 PM.

New Business:

N/A

Schedule Next Meeting and Adjourn

Chief Thomas Roche made a motion to end the meeting. Mr. Steve Bowman seconded the motion, which passed unanimously. The meeting was adjourned at 10:45 AM. The next meeting is scheduled for Thursday, November 15, 2007 at the Orleans County Emergency Management Office, 14064 West County House Road, Albion, NY 14411.

November 15, 2007 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 07-4320
October 18, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, November 15, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Orleans County Emergency Management Office, 14064 West County House Road, Albion, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve November 15, 2007 meeting agenda
- Review and approve September 25, 2007 meeting report
- Old business
  - Update – 700 MHz working group (Mr. Travis LePage)
  - Update – 700 MHz status report
  - Update – guidelines to administer the 700 MHz general use low-power interoperability channels in the plan
  - Update – 700 MHz band restructuring (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve November 15, 2007 meeting agenda

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

- Review and approve September 25, 2007 meeting report
- Old business
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
  - Proposal for Regional Planning Committees handling of public safety spectrum in Canadian border regions (Mr. Sean O'Hara)
  - Joint petition (Regional Planning Committee Region 55/Regional Planning Committee Region 30) to narrowband old block channels to 12.5 KHz (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

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November 15, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR:	**Captain Joseph C. Grube** **Communications Division** **Cattaraugus County Sheriff's Office** **301 Court Street, Little Valley, NY 14755** **(716) 938-9191**
DATE/TIME:	**Thursday, November 15, 2007, at 10:00 AM**
LOCATION:	**Orleans County Emergency Management Office, 14064 West County House Road, Albion, NY**

Opening Remarks

Captain Joseph Grube was not present at this meeting. Mr. Paul Gajewski (Vice Chairperson) welcomed everyone to the meeting at 10:15 AM. The following individuals attended the meeting:

Adolf, John - Erie County
Andrycha, Bob - Buffalo Fire
Coyne, Thomas - Buffalo Fire
Delaney, Matthew - Statewide Wireless Network
DiMarco, Karen - Motorola
Dzissah, Kwasi - NYSTEC
Fowler, Tim - Motorola
Gajewski, Paul - Erie County (Vice Chairperson)
Litchfield, Wayne - Orleans County
Schlieman, Robert - Statewide Wireless Network
Sharpe, Steven - Genesee County
Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County
Verdouw, Rich - Monroe County

Wagner, Paul - Orleans Emergency Management Office
Wojewoda, John - Niagara Falls Police Department

Review and Approve November 15, 2007 Agenda

The meeting convened at 10:12 AM. Mr. Robert Schlieman made a motion to approve the meeting agenda. Mr. Matt Trusso seconded the motion, and it passed unanimously.

Review and Approve September 25, 2007 Meeting Report

Mr. Steven Sharpe moved to accept the September 15, 2007 meeting report with a change to the date on which the 700-MHz Technical Subcommittee held its conference call meeting from Tuesday to Thursday, September 27, 2007. The motion was seconded by Mr. Pete Stritzinger, and passed unanimously.

Old Business

Update: 700-MHz Plan Development Status - Mr. Travis LePage

In the absence of Mr. LePage, Mr. Kwasi Dzissah informed the members of the committee about the activities going on for the region's 700-MHz Plan. He stated that a detailed review of the FCC's Second Report and Order 1 (700-MHz band reconfiguration) was conducted to determine its impact on the proposed 700-MHz Plan. As a result, revisions are being made to the proposed 700-MHz Plan. As discussed and explained in previous meetings, Mr. Dzissah noted that RPC Region 55 needs to make a decision whether to revise and include guidelines to administer the 700-MHz General Use Low-Power Interoperability Channels in the plan. After discussion among the members of the committee, it was decided to delete the second sentence in Section 1.1.5 (Assignment of Frequencies), which states "However, if an incident is of sufficient scale to invoke the National Incident Management System (NIMS)" to just state "As defined by NIMS" the incident commander shall… — along with the revision made by RPC Region 8 in Section 1.1.6 (Modulation) to delete the middle sentence "For the purpose of this plan, analog operations will be utilized." Mr. Steven made a motion to accept these two revisions of the guideline. Mr. Paul Wagner seconded the motion, and it passed unanimously.

Mr. Steven Sharpe then moved to adopt the guidelines into the region's 700-MHz plan. The motion was seconded by Mr. Robert Schlieman and passed successfully.

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Continuing with the 700-MHz activities, Mr. Dzissah informed the members that an outreach was conducted with RPC Region 28 (Eastern Pennsylvania) to determine the status of interregional concurrence for the proposed 700-MHz Plan. Mr. Richard Reynolds provided RPC Region 55 with a concurrence letter for the proposed plan on August 29, 2007.

Mr. Dzissah also noted that RPC Region 55 continues to conduct outreach activities with RPC Region 33 (Ohio) to close out the mutual interregional concurrence process for the proposed 700-MHz plans; as well as with Region 55 providing RPC Region 33 with its revision request on Region 33's 700-MHz Plan. Region 55 has still not heard anything from Mr. Paul Mayer (the Region 33 Regional Chairperson).

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Mr. O'Hara was not present at this meeting. Mr. Schlieman informed the members of the committee about the 700-MHz band restructuring. He noted that The Commission has made some substantial changes in the 700-MHz band: the Narrowband and Broadband are now in contiguous blocks with everything now offsetting by 1-MHz. He continued by informing the members of the effect the changes have on the pool allotments, which are utilized by most of the Regional Planning Committees. He noted that some of the assignments or the allotments that were made will be changed to conform to the requirement that addressed one of the parameters of 250-KHz spacing channels within a system of a county geographic area. To eliminate the problem, it has been decided by the RPCs that the pool should be repacked according to the new FCC plan. Mr. Schlieman understands the repacking tasking can being given to Syracuse Research Corporation (SRC).

The Vice Chair raised a question about the Public Safety Broadband License (PSBL) and Public Safety Spectrum Trust (PSST). Mr. Schlieman informed the members that the PSBL has only received one entry from the PSST. He also noted that the Commission wanted to see a fine tuning and may not release any order until after the January auction.

Mr. Schlieman gave a brief summary about the National Regional Planning Committee meeting held in Austin, TX. He stated that the purpose of the meeting was to have the National Institute of Justice (NIJ) hear what the RPC has to say in respect to the CAPRAD funding. He continued by noting that there had been some concern that NIJ was going through a restructuring and that it was considering no longer supporting CAPRAD. There was a decision to set up a CAPRAD governance or oversight committee and a motion to form an organization called the National Regional Planning Council with officials elected by the members who were present at the meeting. They told NIJ to keep CAPRAD supported and to support the regional planning committees who are currently supported. He also commented that NPSTC made a proposal to keep CAPRAD and that NIJ has not responded to the proposal. As far as the future of CAPRAD, it is going to be governed by the National Regional Planning Council and funding will come from NIJ through the Texas Sheriff's Association to the RPCs.

New Business:

Mr. Paul Gajewski informed the members that RPC Region 28 had reached out to Region 55 on: 1) the 700-MHz Interregional Frequency-Coordination and Dispute-Resolution Procedure and 2) the Interregional Concurrence Letter for Region 28's 700-MHz Public Safety Communication Plan and Addenda, with a CD copy of its Draft 700-MHz Plan. There were discussions among the

members, and a motion was made by Mr. Sharpe to have the Region 55 Technical Subcommittee review Region 28's 700-MHz Plan using the draft plan from the Region 55 website. The motion was seconded by Mr. Trusso and passed successfully. It was also noted there was a need to review Region 28's plan before the next Region 55 meeting. A conference call meeting was scheduled for Thursday, November 29, 2007. Mr. Schlieman moved to proceed with a letter of response to Region 28 after a favorable technical subcommittee recommendation, rather than waiting for the next Region 55 meeting. This motion was seconded by Mr. Sharpe, and it successfully passed.

Schedule Next Meeting and Adjourn

Mr. Steven Sharpe made a motion to end the meeting. Mr. Robert Schlieman seconded the motion, which passed unanimously. The meeting was adjourned at 11:08 AM. The next meeting is scheduled for Thursday, January 17, 2008 at the Genesee County Sheriff's Administration Building and Emergency Communications Center, 165 Park Road, Batavia, NY 14120.

January 17, 2008 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 07-5087
December 21, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, January 17, 2008. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Genesee County Sheriff's Administration Building and Emergency Communications Center, 165 Park Road, Batavia, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve January 17, 2008 meeting agenda
- Review and approve November 15, 2007 meeting report
- Old business
  - Update – Technical Subcommittee
  - Review of Region 28 700 MHz plan (Mr. Matthew Delany)
  - Update – 700 MHz working group status report (Mr. Travis LePage)
  - Update – 700 MHz band restructuring (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve January 17, 2007 meeting agenda

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

- Review and approve November 15, 2007 meeting report
- Old business
  - Update – Technical Subcommittee (improving public safety communications in the new 800 MHZ band plan for U.S. – Canada border region, Mr. Matthew Delaney)
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
- New business/comments
  - Vote, approve and execute paperwork – joint recommendation to issue regional concurrence on outstanding February 2006 Region 28 and Region 36 spectrum application, as well as Region 55 Windows 3, 4, and 5 applications.
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

January 17, 2007 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR: Captain Joseph C. Grube
Communications Division
Cattaraugus County Sheriff's Office
301 Court Street, Little Valley NY 14755
(716) 938-9191

DATE/TIME: Thursday, January 17, 2008, at 10:00 AM

LOCATION: Genesee County Sheriff's Administration Building and Emergency Communication Center, 165 Park Road, Batavia NY 14020

Opening Remarks

Captain Joseph Grube welcomed everyone to the meeting at 10:15 AM. The following individuals attended the meeting:

Adolf, John - Erie County

Case, Richard - United Radio (Motorola)

Dzissah, Kwasi - NYSTEC

Fowler, Tim – Motorola

Grube, Joseph – Cattaraugus County Sheriff's Office (Regional Chairperson)

O'Hara, Sean - Syracuse Research Corporation

Phillips, Steve - Peel Regional Police, Brampton, Ontario, Canada

Pierce, Robert - Seneca Nations of Indians

Satter, Virginia - Monroe County

Schlieman, Robert - Statewide Wireless Network

Sharpe, Steven - Genesee County

Stritzinger, Pete - Orleans County

Trusso, Matt - Chautauqua County

Volkosh, James - Niagara County

Review and Approve January 17, 2008 Agenda

The meeting convened at 10:16 AM. Mr. Matt Trusso made a motion to approve the meeting agenda. Mr. Steve Sharpe seconded the motion, and it passed unanimously.

Review and Approve November 15, 2007 Meeting Report

Under the 700-MHz Plan development status item, Mr. Sharpe noted that Mr. Steven needed to be changed to Mr. Sharpe and the zip code from 14120 to 14020. Mr. Schlieman also commented that, under the 700-MHz Band restructuring, the word "by" in the third line should be taken out of the sentence. With these amendments to the meeting report, Mr. Matt Trusso moved to accept the November 15, 2007 meeting report. The motion was seconded by Mr. Robert Schlieman, and passed unanimously.

Old Business

Update: 700-MHz Plan Development Status - Mr. Travis LePage

In the absence of Mr. LePage, the Chairperson informed the members of the committee about the activities going on for the region's 700-MHz Plan. He stated that the proposed region's 700-MHz Plan is being revised in accordance with the Second Report and Order, the restructuring of the 700-MHz band, and that the revision is about fifty percent completed. Furthermore, the Chairperson informed the members that RPC Region 55 will notify adjacent regions (regions 28, 30 and 36) that have granted concurrence for the proposed 700-MHz Plan of the revisions and of the inclusion of the procedures to administer the low-power interoperability channels. He also noted that the existing CAPRAD channels allotment will be included in the plan for reference purposes only. The allotment tables will be updated, and Region 55 will submit a plan amendment to the Commission following the repacking of CAPRAD. No allotment shall be made in the General-Use category for the 769/775-MHz and 799/805-MHz bands until the plan has been approved by the FCC

Update: 700-MHz Plan Regional Concurrence - Mr. Travis LePage

Continuing with the 700-MHz activities, the Chairperson noted that RPC Region 55 will make one final attempt to reach out to RPC Region 33 (Ohio), which has not granted concurrence for Region 55's proposed 700-MHz Plan. He noted that Region 55 had delivered the proposed 700-MHz Plan to Region 33 on May 28, 2007. Further, he noted that Region 55 had provided

Region 33 with a document on June 14, 2007 requesting that 13 revisions be implemented in its proposed plan in order for Region 55 to provide a concurrence declaration.

Update: 700-MHz Band Restructuring - Mr. Sean O'Hara

Using the projector, Mr. O'Hara talked about the Report and Order Impact on 700-MHz frequencies. He told the committee members that the Federal Communications Commission (FCC) has required some substantial changes to the 700-MHz-band plans. He noted the Narrowband (NB) and Broadband (BB) channels are now in contiguous blocks: with most narrowband channels falling on TV channels 64/69, and most broadband falling on 63/68. He continued by informing the members that every channel is now offset, so that 1 MHz of both the transmit- and receive-side spectrum hangs over into TV channels 62 and 67, respectively, then he showed the members pictures of the new plan and the shift of the narrowband channels.

Mr. O'Hara continued by noting the effects the new 700-MHz band plan has on the pool allotment that is utilized mainly by the Regional Planning Committees. He stated that many counties are in violation with the combining and separating of the pool allotments and the adjacent channels. He also talked about the core issues in the CAPRAD pack that could lead to interference problems in the regions. He noted that, at the last National Institute of Justice (NIJ) meeting, it was decided to set up a CAPRAD governance or oversight committee, called the National Regional Planning Council, to repack the channels.

Further, Mr. O'Hara talked about the 700-MHz allotment pools, how they were generated, and if they need refreshing. He informed the members that Pool Allotments are temporary geographic placeholders for spectrum until they are specifically assigned to an applicant by the RPC. Subject to regional plans, pool allotments allow qualified applicants to receive channels without incurring a substantial delay. They maximize spectrum reuse and are fairly distributed among the spectrum according to user/agency demographics.

Finally, he talked about the United States' 700-MHz FCC rulings and their implications for Canada. He gave a brief history of the 700-MHz band and of the 2005 DTV Act, which mandated clearing certain TV channels by February 17, 2009 and the auctioning of the cleared channels by January 16, 2008. Mr. O'Hara commented that the emerging broadband technology captured by public safety entities, the nationwide broadband network enabled by public safety/private partnership, and the high-speed data flexibility remain open for use by public safety. As part of this plan, the 12-MHz + 12-MHz public safety spectrum has been restructured to accommodate a hybrid commercial/public safety broadband network in order to minimize interference to narrowband systems and to improve access near the U.S./Canadian border. Mr. O'Hara talked about the international issues that were clarified during the last meeting with Industry Canada during the September 2007 Radio Advisory Board of Canada (RABC) meeting in Toronto. The current U.S./Canadian LoU from 2005 provided a very detailed description of Channel locations, Emission Limits, Primary and Secondary utilization of 700-MHz frequencies in border areas, and rules for TV and Land-Mobile Radio (LMR) protection.

CAPRAD - Re-Packing: RPC Input Requirements Discussion – Mr. Sean O'Hara

Next, Mr. O'Hara talked about the re-packing of the pool-allotment channels, noting that each RPC Chairperson should have received a letter and form requesting data on the RPC's spectrum requirement. The form identifies county-like entities designated for pool allocations within the RPC and provides options for channel-width, combiner-separation, and capacity model. Mr. O'Hara then explained to the members that RPC Chairpersons must specify the sortation criterion for each geographical area and return the data to the CAPRAD managers by January 31, 2008. If the sortation criterion is not modified by the deadline, the new 700-MHz channel sortation for the geographical areas will be based upon the original default values used for the first sort — channel block sizes of 25 kHz, with contiguous assignments separated by at least 250 kHz. The population model will also be used.

RPC 700-MHz Interference Protection Analysis Software Algorithm and Use of "The Schliemanator" – Mr. Sean O'Hara

Mr. O'Hara informed the members about the new software call the "Schliemanator." He noted that the software is for evaluating RPC applications, specifically for evaluations done under the TSB-88-based rules defined in the Region 8, 30, and 55 700-MHz Plans. He noted that the software was developed under MATLAB, and will be compiled into a Windows application and distributed free of charge for use by any of the RPCs.

Finally, Mr. O'Hara told the members that, although the versions have already been compiled, the final revision and its distribution will wait until the final CAPRAD assignments are incorporated.

New Business:

N/A.

Schedule Next Meeting and Adjourn

Mr. Steven Sharpe made a motion to end the meeting. Mr. Robert Schlieman seconded the motion, which passed unanimously. The meeting was adjourned at 11:40 AM. The next meeting is scheduled for Thursday, March 27, 2008 at the Chautauqua County Emergency Services Office, Training Room 1 (Enter red door, across from the old bus garage), 2 Academy Street, Suite A, Mayville NY 14757.

March 27, 2008 Public Meeting Notice

PUBLIC NOTICE

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

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

DA 08-330
February 11, 2008

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 55 (NEW YORK – BUFFALO) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

PR Docket No. 92-287

The Region 55 (New York – Buffalo)[1] Public Safety Regional Planning Committees will hold two consecutive planning meetings on Thursday, March 27, 2008. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Chautauqua County Emergency Services Office, Training Room (1),[2] 2 Academy Street, Suite A, Mayville, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve March 27, 2008 meeting agenda
- Review and approve January 17, 2008 meeting report
- Old business
  - Update – 700 MHz working group
  - Update – 700 MHz status report (Mr. Travis LePage)
  - Update – Regional Planning Committee, Region 28 700 MHz plan
- New business/comments
- Schedule next meeting
- Adjourn

Immediately following the 700 MHz Public Safety Regional Planning Committee meeting, the 800 MHz Public Safety Regional Planning Committee will convene at the same location.

The agenda for the 800 MHz meeting includes:

- Review and approve March 27, 2008 meeting agenda

[1] The Region 55 (New York – Buffalo) area includes the counties of Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates.

[2] Enter Training Room (1) through RED door, across from old bus garage.

- Review and approve January 17, 2008 meeting report
- Old business
  - Update – Region 55 Window #3, 4 and 5 applications regional concurrence (Mr. Sean O'Hara)
  - Update – Wave 4 rebanding (Mr. Sean O'Hara)
  - Update – Improving public safety communications in the 800 MHz band for U.S./Canada border region (Mr. Sean O'Hara)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 55 Public Safety Regional Planning Committee meetings are open to the public. All eligible public safety providers whose sole or principal purpose is to protect the safety of life, health, or property in Region 55 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 55 should plan to attend. For further information, please contact:

Captain Joseph C. Grube, Chair
Region 55, 700 MHz and 800 MHz Public Safety Regional Planning Committees
301 Court Street
Little Valley, New York 14755
(716) 938-9191
jcgrube@cattco.org

- FCC -

March 27, 2008 Meeting Report

NEW YORK – BUFFALO
FCC REGION 55
700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR: **Captain Joseph C. Grube**
Communications Division
Cattaraugus County Sheriff's Office
301 Court Street, Little Valley, NY 14755
(716) 938-9191

DATE/TIME: **Thursday, March 27, 2008, at 10:00 AM**

LOCATION: **Chautauqua County Emergency Services Office, Training Room (1),**
Academy Street, Suite A, Mayville, NY

Opening Remarks

Mr. Paul Gajewski, the Vice-Chair of RPC Region 55, chaired the meeting in the absence of the Chair, Captain Grube Mr. Gajewski thanked Mr. Matthew Trusso, the Secretary of RPC Region 55 for hosting the March 27, 2008 meeting and for providing refreshments, and then requested that attendees introduce themselves. The following individuals attended the meeting:

Adolf, John - Erie County
Andrycha, Bob - Buffalo Fire Department
Coyne, Thomas - Buffalo Fire Department
DiMarco, Karen - Motorola
Gajewski, Paul - Erie County Central Police Services
Leonard, Tom - New York State Police
LePage, Travis - NYSTEC
Litchfield, Wayne - Orleans County Dispatcher
Lombardo, Michael - Buffalo Fire Department
Opee, Beatrice - NYSTEC
Pugliese, David - East Rochester Police Department

Roche, Thomas – NYS Office for Technology, Statewide Wireless Network
Sharpe, Steven - Genesee County
Stile, Vincent - NYS Office for Technology, Statewide Wireless Network
Stritzinger, Pete - Orleans County
Trusso, Matt - Chautauqua County
Volkosh, James - Niagara County
Verdouw, Rich – Monroe County

Review and Approve March 27, 2008 Agenda

The meeting started at 10:17 AM. The meeting agenda was amended to include a brief presentation by Mr. Vincent Stile from the NYS Office for Technology, Statewide Wireless Network. Mr. Tom Leonard made a motion to accept the amended meeting agenda. Mr. Matthew Trusso seconded the motion, which passed unanimously.

Review and Approve January 17, 2008 Meeting Minutes

A member noted that the word "Vice Chair" in the document should be changed to reflect the "Chair," since Mr. Gajewski was not present at the January 17, 2008 meeting. Commissioner Lombardo asked about the channel-block size and repacking mentioned in the "Update: 700-MHz Band Restructuring" section; and a member clarified the situation, i.e., that most agencies in RPC Region 55 opted to adopt the default values at 25 KHz, while Orleans County chose 12.5 KHz. Mr. LePage noted that agencies have five (5) years within which to implement 700-MHz systems at the requested channel block or they must relinquish their channel allotments back to the RPC, as per the conditions defined in the RPC 55 700-MHz Plan.

Mr. Steve Sharpe made a motion to accept the meeting minutes as amended. Commissioner Lombardo seconded the motion, and it passed unanimously.

Interpretability Coordinator: Mr. Vincent Stile

Introduction & Purpose for Interoperability Coordinator (IC) Meeting

Mr. Vincent Stile thanked RPC Region 55 members who attended the meeting and noted that the State had indicated in its plan that it was going to hire an Interoperability Coordinator. Mr. Stile noted that he was acting as the "default" Coordinator, because the stated had not yet hired an "Interoperability Coordinator." He noted that the Interoperability Plan called for the Interoperability Coordinator to organize two meetings per year with each of the three FCC Regions — Regions 8, 30, and 55 — in New York State. Mr. Stile noted that each RPC Region would be required to have an "Interoperability Coordinator" to conduct the Interoperability meetings. Mr. Stile stated that the best strategy would be for the Interoperability meetings to be scheduled on the same day as the regular RPC meetings, so as to

hold down the number of meetings that the members need to attend in a year, consequently reducing the general overall costs involved in attending these meetings.

Update of Statewide Communications Interoperability Plan (SCIP)

Mr. Vincent Stile noted that the Statewide Communications Interoperability Plan (SCIP) was in the process of being reviewed by the National Telecommunications Industry Association (NTIA) and the Office of Homeland Security (OHS).

Mr. Stile also informed RPC Region 55 members that the SIEC Committee is now part of the SWN advisory council; and explained that members of the council represent Police, Fire, and EMS. The advisory council also made recommendations as far as SCIP and Investment Justifications are concerned. He also noted that the State had put up an FRA and that local agencies within the State were receiving 10 Million dollars for these grant projects. He clarified that New York Urban Area Security Initiative (UASI) received separate monies. Mr. Stile provided the example of Cattaraugus County, which was planning on buying low-band radios. He noted that the County could apply for the 2008 grants that were available.

Appointment of Region 55 NY State's Interoperability Coordinator's Liaison

Mr. Stile noted that each Region should appoint a Regional Manager to act as a liaison for its Interoperability Coordinator.

Establish a Regional Interoperability Task Force as part of Region 55

The Regional manager would then create an Interoperability Task Force. Mr. Matt Trusso made a motion to appoint Captain Grube as the Regional Interoperability Manager. Mr. Paul Gajewski seconded the motion, which passed unanimously. A second motion was made to add to the name RPC the term of "Interoperability Regional Task Force." The motion was tabled to be discussed at the next RPC Region 55 meeting.

Other discussions included the dates when the SCIP Plans and IJs would be submitted to NTIA and when funds would be allocated. Mr. Stile noted that the PSIC grant was a one-time grant and that other portions of the grant have to do with health, terrorists departments, and equipment that local agencies plan or intend to purchase.

700-MHz Working Group – Mr. Travis LePage

Update: 700-MHz Plan – Region 28

Mr. LePage provided an update on the 700-MHz plan. He provided an update regarding the status of the plan in respect to concurrent RPC Regions 28, 30, and 33. Mr. LePage noted that Region 28 had provided concurrence to Region 55. The potential conflict involved the type of software that should be used between the contour-based software and the tile-based contour. Mr. LePage noted that Region 55 technical work group was planning on having a conference call with Region 28 in order to resolve this issue. The date for the conference call was yet to be determined.

Update: 700-MHz Plan – Region 30

Mr. LePage noted that Region 30 representatives had corresponded with Region 55's representatives on March 21, 2008. He noted that Region 55 needed to vote on providing Region 30 with revisions of the Region 55's 700-MHz Plan. Mr. Pete Stritzinger made a motion to accept the update revisions reflected in Region 30 700-MHz Plan. Mr. John Adolf seconded the motion, which passed unanimously.

Update: 700-MHz Plan – Region 33

Mr. LePage noted that Region 55 had submitted its 700-MHz Plan to Region 33 for review last year. On June 14, 2007, Region 33 requested concurrence from Region 55 for the Region 33 700-MHz Plan. He also proposed to the members that, due to lack of timely correspondence from RPC Region 33 members, Region 55 move forward and document in the plan itself the correspondence between Region 55 and 33 and show clearly that Region 55 has done everything in its power to communicate with Region 33, but that inter-regional concurrence has not been successful. Mr. Matt Trusso made a motion to package the Region 33 correspondence and submit the plan to the FCC. Mr. Rich Verdouw seconded the motion, which passed.

New Business:

None

Schedule Next Meeting and Adjourn

The next RPC Region 55 700-MHz meeting is scheduled for June 10, 2008 at the Genesee County Sheriff's Administration Building and Emergency Communications Center, 165 Park Road, Batavia, NY 14120. No motions were made to end the March 27, 2008 meeting; it ended by consensus at 11:07 AM.

Appendix U
Tribal Nation Correspondence

Correspondence Template

NEW YORK - BUFFALO
FCC Region 55 700-MHz
REGIONAL PLANNING COMMITTEE

Captain Joseph C. Grube, Chairman
Region 55, 700 and 800 MHz
Regional Planning Committees
301 Court Street
Little Valley, New York 14755
Telephone: (716) 938-9191 ext. 2249
FAX: (716) 938-6420
Email: jcgrube@cattco.org

Dear Tribal Nation Member,

The Regional Planning Committee (RPC) invites you to participate in the next Region 55 meeting. The RPC structure was introduced by the Federal Communication Commission (FCC) to help them identify regional issues that need addressing in the process of designating utilization of the 700-MHz public safety spectrum.

Region 55 includes the following counties;

Allegany, Cattaraugus, Chautauqua, Chemung, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne, Wyoming and Yates, in the State of New York.

Your Public Safety Wireless Communication Coordinator, or designated representative, is invited to attend the next meeting. The meeting announcement and proposed agenda are included with this mailing and are also available on the FCC Website at the following address:

http://wireless.fcc.gov/publicsafety/700MHz/regions/region55.html

The RPC is committed to providing the needs of both state and local governments by supporting creative use of the spectrum, accommodating new developments in technology, and creating and managing regional plans. Section §90.523 of the Commission's Rules encourage representation of all public safety providers that have as their sole purpose protecting the safety of life, health, or property. Agency representation is very important in ensuring that the needs of specific agencies are also taken into consideration during the spectrum-allocation process.

In the event you are not the correct point of contact, please forward this letter accordingly.

We ask that you or the appropriate individual contact Captain Joseph Grube at 716-938-9191, Mr. Paul Gajewski at 716-858-6227, or Mr. Mathew Trusso at 716-753-4616 to advise us of your availability to attend.

Thank you in advance for your attention to this matter.

Captain Joseph C. Grube
RPC Region 55 700-MHz and 800-MHz Chair

Correspondence Log

Table U-1, Tribal Nation Contact Log

Tribal Nations Contacted within Region 30	Meeting Dates																		
	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008	9/23/2008
Armstrong, Ricky L. President Seneca Nation of Indians P.O. Box 231 Salamanca, NY 14779	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Bova, Arlene Allegany Council Vice Chair Allegany Reservation G.R. Plummer Building P.O. Box 231 Salamanca, NY 14779	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Bowen, Dennis Senior President Seneca Nation of Indians P.O. Box 231 Salamanca, NY 14479	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Halftown, Clint Chief Cayuga Nation of Nations P.O. Box 11 Versailles, NY 14168	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Henry, Leo R. Chief Tuscarora Nation 2006 Mt. Hope Road Lewistown, NY 14092	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Hewitt, Arnold Chief Tuscarora Nation 5616 Walmore Road Lewistown, NY 14092	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

Tribal Nations Contacted within Region 30	Meeting Dates																		
	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008	9/23/2008
Hill, Darwin Tonawanda Seneca Nation 7027 Meadville Road Basom, NY 14013	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Huff, Geraldine Clerk Seneca Nation P. O. Box 231 Salamanca, NY 14479	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Nephew, Richard E. Cattaraugus Council Chairman Cattaraugus Reservation William Seneca Building 12837 Route 438 Irving, NY 14081	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Parker, Bernie Chief Tonawanda Band of Senecas 7027 Meadville Road Basom, NY 14013	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Patterson, Neil Chief Tuscarora Nation 2045 Upper Mountain Road Sanborn, NY 14132	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Printup, Dennis Chief Tuscarora Nation 22-53 Saunders Settlement Road Sanborn, NY 14132	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Snyder, Barry E. Chief Seneca Nation P.O. Box 231 Salamanca, NY 14479	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

Tribal Nations Contacted within Region 30	Meeting Dates																		
	5/20/2002	6/29/2005	9/14/2005	11/9/2005	1/11/2006	3/15/2006	6/28/2006	10/18/2006	11/30/2006	1/18/2007	3/15/2007	5/10/2007	7/12/2007	9/25/2007	11/15/2007	1/17/2008	3/27/2008	6/10/2008	9/23/2008
Sundown, Mardell Chief Tonawanda Seneca Nation 7027 Meadville Road Basom, NY 14013	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Vernon, Isaac Chief Cayuga Nation P.O. Box 11 Versailles, NY 14168	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Webster, Emerson Chief Tonawanda Seneca Nation 7027 Meadville Road Basom, NY 14013	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

Appendix V
Adjacent-Region Notification of Plan Revisions

Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ and DE)

From: Travis LePage [mailto:lepage@nystec.com]
Sent: Monday, June 02, 2008 2:10 PM
To: Reynolds Richard (DTI)
Cc: Joseph C Grube
Subject: RPC 55 700-MHz Plan Next Steps

::::::::::
NOTE: This message is being sent by Travis C. LePage on behalf of Captain Joseph C. Grube, FCC RPC 55 Chairman
::::::::::

Dear Chairman Reynolds:

In speaking with the FCC last week regarding the status of the proposed RPC 55 700-MHz Plan, I learned that they are requiring RPC 55 to obtain written (i.e., email) concurrence from the adjacent-regions regarding the revisions that we made to the Plan per the FCC's Report and Order (i.e., the 700-MHz band narrowband/broadband reconfiguration).

Would you respond via email indicating that RPC 28 has no objections regarding the revised RPC 55 Plan?

Thank you and Best Regards,

Travis

//
Travis C. LePage, MBA, PMP
N Y S T E C
585.507.9731 | cell
315.334.7822 | bus
315.356.6822 | fax

Region 30, Eastern Upstate New York

From: Travis LePage [mailto:lepage@nystec.com]
Sent: Monday, June 02, 2008 2:10 PM
To: David Cook
Cc: Joseph C Grube
Subject: RPC 55 700-MHz Plan Next Steps

::::::::
NOTE: This message is being sent by Travis C. LePage on behalf of Captain Joseph C. Grube, FCC RPC 55 Chairman
::::::::

Dear Chairman Cook:

In speaking with the FCC last week regarding the status of the proposed RPC 55 700-MHz Plan, I learned that they are requiring RPC 55 to obtain written (i.e., email) concurrence from the adjacent-regions regarding the revisions that we made to the Plan per the FCC's Report and Order (i.e., the 700-MHz band narrowband/broadband reconfiguration).

Would you respond via email indicating that RPC 30 has no objections regarding the revised RPC 55 Plan?

Thank you and Best Regards,

Travis

//
Travis C. LePage, MBA, PMP
N Y S T E C
585.507.9731 | cell
315.334.7822 | bus
315.356.6822 | fax

Region 33, Ohio

NOT APPLICABLE

RPC 33 reviewed and approved the latest revised proposed RPC 55 700-MHz Plan.

Region 36, Western Pennsylvania

From: Travis LePage
Sent: Monday, June 02, 2008 3:44 PM
To: Randall Brozenick (rjbrozenick@co.armstrong.pa.us)
Cc: Joseph C Grube
Subject: RPC 55 700-MHz Plan Next Steps

::::::::::
NOTE: This message is being sent by Travis C. LePage on behalf of Captain Joseph C. Grube, FCC RPC 55 Chairman
::::::::::

Dear Chairman Brozenick:

In speaking with the FCC last week regarding the status of the proposed RPC 55 700-MHz Plan, I learned that they are requiring RPC 55 to obtain written (i.e., email) concurrence from the adjacent-regions regarding the revisions that we made to the Plan per the FCC's Report and Order (i.e., the 700-MHz band narrowband/broadband reconfiguration).

Would you respond via email indicating that RPC 36 has no objections regarding the revised RPC 55 Plan?

Thank you and Best Regards,

Travis

//
Travis C. LePage, MBA, PMP
N Y S T E C
585.507.9731 | cell
315.334.7822 | bus
315.356.6822 | fax

Appendix W
Adjacent-Region Concurrence with Plan Revisions

Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ and DE)

From: Reynolds Richard (DTI) [Richard.Reynolds@state.de.us]
Sent: Monday, June 02, 2008 3:20 PM
To: Travis LePage
Cc: Joseph C Grube
Subject: RE: RPC 55 700-MHz Plan Next Steps

Dear Chairman Grube,

Please accept this Email as Region 28's official Approval of Region 55's recently submitted revisions to their 700 MHz Region Plan.

Respectfully Submitted,

Richard R. Reynolds, Chairman
Region 28 – 700 & 800 MHz Planning Committees

==========

Region 30, Eastern Upstate New York

From: David Cook [dcook@fedeng.com]
Sent: Wednesday, June 11, 2008 9:57 PM
To: 'Joseph C Grube'
Cc: Travis LePage; 'Schlieman, Robert (OFT)'; 'MARIBEL MARTINEZ BRADWELL'
Subject: RE: RPC 55 700-MHz Plan Next Steps

Captain Grube
Region 55 700 MHz RPC

Dear Captain;

Region 30 has no objections to the proposed revisions to the Region 55 700 MHz plan.

Should you require any additional support, Region 30 is at your service.

Sincerely,

David A. Cook
Chairman;
Region 30

Region 33, Ohio

NOT APPLICABLE

RPC 33 reviewed and approved the latest revised proposed RPC 55 700-MHz Plan.

Region 36, Western Pennsylvania

Region 36 . Western Pennsylvania
700 MHz Regional Planning Committee
450 E Market St
Kittanning, Pa 16201
724-548-3430-V 724-548-3326-F

June 18, 2008

Travis LePage
New York - - Consultant NYSTEC
500 Avery Ln suite A
Rome, NY 13441

Dear Mr. LePage:

My apologies for not replying to your request to review Region 8, 30 and 55s 700 MHz Plan as quickly as you desired. Region 36 (Pennsylvania) concurs with the Region 8, Region 30 and Region 55 700 MHz plan. Region 36 has reviewed the 700 MHz plan submitted by the Regions, and is satisfied that the plans takes into account the necessary considerations to coordinate with adjacent regions.

Region 36 looks forward to working with Region 8, 30 and 55 in coordination of 700 Mhz and other spectrum issues in the future.

Please contact me if you have any questions on this concurrence.

Sincerely

Randall J Brozenick, Chairman
700 MHz Committee of Region 36