

**NEW YORK/NEW JERSEY
FCC Region 8 700-MHz
REGIONAL PLANNING COMMITTEE**

Regional Planning Committee



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April 24, 2008

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

FCC Regional Planning Committee (RPC) 8	)	WT Docket No. 02-378
)	
Public-Safety Communications Plan for the 769- to 775-MHz and 799- to 805-MHz bands	)	PSHS Docket No. 06-229
)	
	)	FCC Docket No. 07-132

Dear Chief Poarch:

FCC Regional Planning Committee (RPC) 8 has completed its public-safety communications plan for the General Use channels in the 769- to 775-MHz and 799- to 805-MHz frequency bands.

The Regional Plan may be retrieved electronically from the Commission's Electronic Comment Filing System (ECFS) and the Computer Assisted Pre-coordination Resource and Database (CAPRAD).

This Regional Plan is the result of the dedication and perseverance of everyone involved in its development, including our neighboring regions. We believe that this plan best meets the needs and requirements of our public-safety community.

Please contact me with any questions or concerns you may have.

Respectfully submitted,



William Gardner, Chairman

FCC RPC 8 700-MHz and 800-MHz NPSPAC Planning Committees

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Regional Planning Committee



FCC Region 8 – 700-MHz

Public-Safety Communications Plan

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Document Addition and Revision Log

Date of Revision	Revisions	Version
4/25/2006	Initial version – excluding the following sections: <ul style="list-style-type: none"> ▪ In-building and underground system design and spectrum management parameters; ▪ Aeronautical use of the 700-MHz General Use channels; ▪ Region 8 Chair’s signatures; ▪ Adjacent-region approvals and signatures; and ▪ FCC approval. 	1.0
5/04/2006	Verbiage and formatting changes implemented.	1.1
5/23/2006	Version 1.2 Release Notes: Talk-around interoperability channel tables corrected; and Appendix section implemented to include the tribal nation letters.	1.2
6/02/2006	Formatting and cross-reference revisions made throughout the document.	1.3
6/19/2006	Version 1.4 – excluding the following sections: <ul style="list-style-type: none"> ▪ Region 8 Chair’s signatures; ▪ Adjacent-region approvals and signatures; and ▪ FCC approval. Version 1.4 Release Notes: <ul style="list-style-type: none"> ▪ Tribal nation correspondence information included; and ▪ Formatting and cross-reference revisions made throughout the document. 	1.4
7/27/2006	Version 1.5 – excluding the following sections: <ul style="list-style-type: none"> ▪ Adjacent-region approvals and signatures; ▪ FCC cover letter; ▪ FCC approval; ▪ In-building and underground system design and spectrum management parameters; and ▪ Aeronautical use of the 700-MHz General Use channels. 	1.5



Date of Revision	Revisions	Version
5/8/2007	<p>Version 1.6 – excluding the following sections:</p> <ul style="list-style-type: none"> ▪ FCC cover letter; ▪ In-building and underground system design and spectrum management parameters; ▪ Adjacent-region approvals and signatures from RPC 28; and ▪ FCC approval letter. <p>Version 1.6 Release Notes:</p> <ul style="list-style-type: none"> ▪ Verbiage and formatting changes implemented; ▪ Orphan Channel verbiage included in Sections 5 and 9.5; ▪ Longley-Rice propagation model explanation implemented in Section 9.2; ▪ 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; ▪ Included the concurrence letter from RPC 30 in Appendix L; ▪ Included the revised interregional dispute-resolution and frequency-coordination procedures included in Appendix M; ▪ Affixed the RPC 30 Chairperson’s signature to the adjacent-region concurrence letter in Appendix N; and ▪ Included an updated Tribal Nation Correspondence Log in Appendix V. 	1.6
5/21/2007	<p>Version 1.7 – excluding the following sections:</p> <ul style="list-style-type: none"> ▪ FCC cover letter; ▪ In-building and underground system design and spectrum management parameters; ▪ Adjacent-region approvals and signatures from RPC 28; and ▪ FCC approval letter. <p>Version 1.7 Release Notes:</p> <ul style="list-style-type: none"> ▪ Public meeting notices and minutes included up to the 7/10/2007 meeting; ▪ Included an updated committee member contact list and RPC meeting attendance roster in Appendices A and B, respectively; and ▪ Included an updated Tribal Nation Correspondence Log in Appendix V. 	1.7



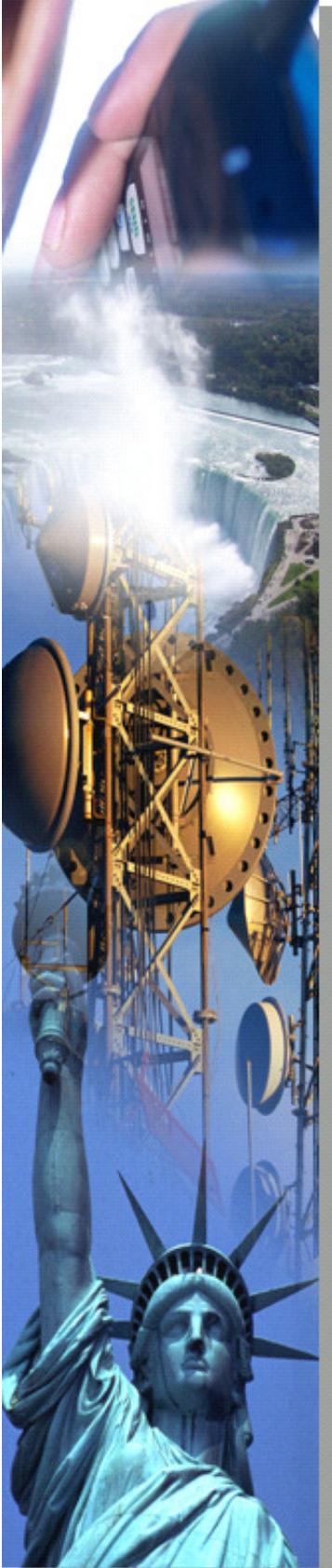
Date of Revision	Revisions	Version
4/24/2008	<p>Version 2.0 – excluding the following sections:</p> <ul style="list-style-type: none"> ▪ In-building and underground system design and spectrum management; and ▪ FCC approval letter. <p>Version 2.0 Release Notes:</p> <ul style="list-style-type: none"> ▪ 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 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

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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Compliance Matrix

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Compliance Matrix

Regional Plan Element	Check	Rule Section	See Plan Section #
Cover letter referencing WT Docket No. 02-378, PSHS Docket No. 06-229, FCC Docket No. 07-132, and identifying the document as the 700-MHz Regional Plan for the Region.	✓	Public Notice DA-02-3497	Cover letter
Name, Title, address, phone number, agency affiliation, and email address of Chairperson.	✓	90.527(a)(1)	Section 2
Names, agency affiliations, voting status, mailing addresses, phone numbers, email addresses (if available) of other RPC officers.	✓	90.527(a)(1)	Appendix A
A statement that at least 60-days notice was given prior to the first meeting.	✓	1st R&O, FN220	Section 1.1
A summary of the major elements of the plan and an explanation of how all eligible entities within the Region were given an opportunity to participate and have their positions heard and considered fairly.	✓	90.527(a)(2)	Compliance Matrix, Section 1.2
Definition of the Region, its boundaries, and a list of the counties and cities within the boundaries.	✓	90.527(a)(2)	Section 4
Overview of public safety entities (state agencies, federal agencies, etc.) that have jurisdiction within or over any or all portions of the Region.	✓	90.527(a)(2)	Section 7.1
Description of the types of public safety, law enforcement, government, public service, or other entities (federal, county, regional, city, town, etc.) that are included in the Region.	✓	90.527(a)(2)	Section 7.1
The dates and publications in which the meetings were announced.	✓	90.527(a)(2)	Appendix V
The dates and websites on which the meetings were announced.	✓	90.527(a)(2)	Appendix V
A description of the process by which comments were solicited from all eligible parties.	✓	90.527(a)(2)	Section 1.2
Summary of all comments and submissions obtained through the process.	✓	90.527(a)(2)	Appendix V
A description of the process used to consider comments submitted from concerned parties.	✓	90.527(a)(2)	Section 1.2
The guidelines and procedures for operation of the RPC.	✓	90.527(a)(2)	Section 3



Regional Plan Element	Check	Rule Section	See Plan Section #
The procedures for frequency coordination.	✓	90.527(a)(2)	Section 12
Guidelines and procedures for protection of incumbent TV/DTV stations within the Region or near the Region’s border during the DTV transition period.	✓	90.527(a)(2)	Section 11
A copy of the RPC’s bylaws.	✓	90.527(a)(3)	Section 3
The technical procedures for requesting channels.	✓	90.527(a)(3)	Section 5
An overview of the application process.	✓	90.527(a)(3)	Section 5
An explanation of how the RPC decided between competing agencies when more requests for spectrum were received than could be filled. What criteria were used to evaluate competing applications to determine which request was granted?	✓	90.527(a)(3)	Section 7
An explanation of how the RPC decided how the spectrum would be allocated (e.g., by population) and how applications were solicited (e.g., on a first-come, first-served basis or only during certain filing windows). An explanation of channel-recovery methods that will be applied within the Region.	✓	90.527(a)(4)	Section 7
A description of how the applications are handled and reviewed, including an explanation of how the RPC applies the evaluation criteria listed in item 3.	✓	90.527(a)(4)	Sections 6-9
Spectrum utilization agreements with other Regions.	✓	90.527(a)(5)	Sections 12 and 13
If the State bears responsibility for administering the interoperability channels, the Regional Plan must indicate how the Region will interact with the SIEC or similar body. If the RPC is responsible for administering the interoperability channels, see the check points below the bold type.	✓	90.525(b)	Appendix U
Description of the pre-coordination allotment method used at the Region’s borders. ¹	✓	90.527(a)(5)	Sections 5, 12, and 13

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.



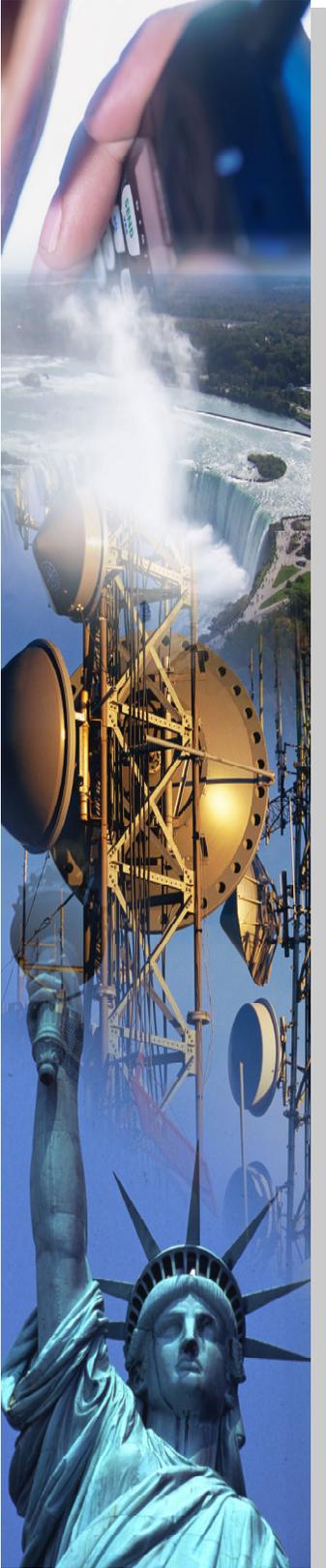
Regional Plan Element	Check	Rule Section	See Plan Section #
Concurrence from the Chairs of the adjacent Regions OR evidence that the RPC used the NCC Implementation Subcommittee’s pre-planning proposal to reserve some portion of the 700-MHz spectrum at the RPC borders for the adjacent Region(s).	✓	90.527(a)(5)	Appendix L, M, and N
If any of the adjacent Regions have not yet convened or selected a convener, the Plan must include a waiver of 90.527(a)(5).	✓	90.527(a)(5)	NA
An explanation of how the RPC encouraged spectrum reuse and promoted spectrally efficient technologies to make the most efficient use of the spectrum.	✓	90.527(a)(6)	Section 9
An explanation of how the RPC will maintain the pre-coordination database and provide opportunities for future modifications of the plan.	✓	90.527(a)(7)	Section 12
Interregional dispute resolution agreements signed by the Chair(s) of the Adjacent Region(s).	✓	90.527(a)(7)	Appendix O
A certification by the RPC Chair that all RPC meetings were open to the public.	✓	90.527(a)(8)	Appendix V
Signature of the RPC Chair.	✓	90.527(a)(8)	Cover Letter
The following items would constitute a Section that would be required only if the RPC had assumed responsibility for administering the 700-MHz Interoperability Channels.	NA	NA	NA
If the RPC bears responsibility for administering the interoperability channels, Section 9 of the Regional Plan must include: 1) a list of the interoperability channels; 2) a definition of when and where the two calling channels are to be used, including monitoring requirements; 3) a description of how the interoperability channels will be deployed and used in the Region, including procedures to extract interoperability channels being used in the trunked mode when necessary; channel nomenclature; minimum channel quantity; and channel-access parameters; and 4) priority access levels to be used on the interoperability channels.	NA	90.525(b)	NA
Description of existing interoperability contracts, compacts, mutual aid agreements, etc.	NA	90.525 (b)	NA

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Regional Plan Element	Check	Rule Section	See Plan Section #
Description of the effect of the addition of 700-MHz channels and interoperability requirements on existing plans.	NA	90.525(b)	NA
Descriptions of the Region's interoperability plans and interoperability requirements.	NA	90.525(b)	NA



1. Authority of the Committee

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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. 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.

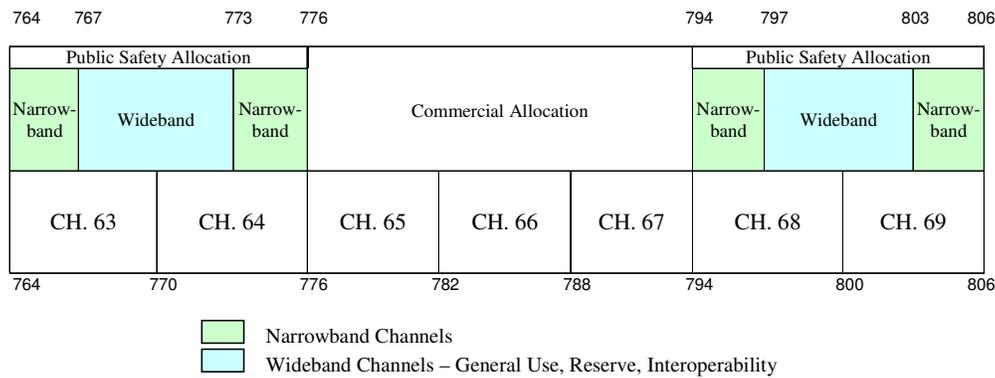


Figure 1, 700-MHz Public Safety Band PRIOR to Reconfiguration

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 RPCs 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 2, which follows.

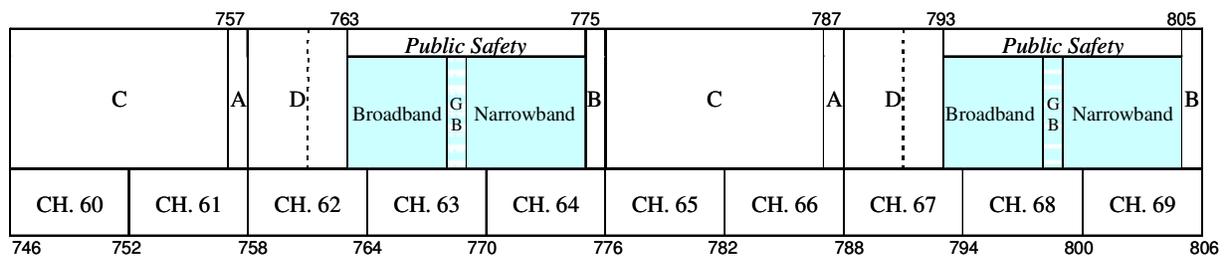


Figure 2, Reconfigured 700-MHz Public Safety Band



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, 2009² in accordance with the FCC's digital television transition schedule.

1.1 First Convening Meeting

The Region 8 700-MHz planning committee held its first convening meeting on Wednesday, January 23, 2002. A FCC Public Notice (PN) announcing this meeting was issued on November 23, 2001.

1.2 Notification and Committee Participation

All eligible parties³ 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 V 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 8 Bylaws.

² 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.

³ CFR Title 47, Telecommunication, Chapter 1, Part 90 Private Land Mobile Radio Services:
<http://www.access.gpo.gov/>



1.3 Acronyms Used in this Document

Table 1, Acronyms and their Definitions

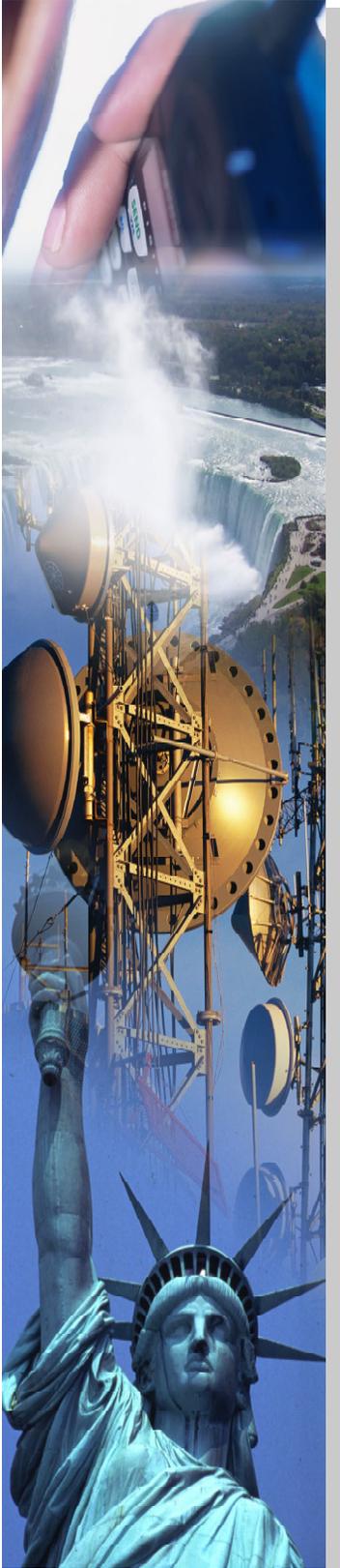
Acronym	Definition
ACCPR	Adjacent-Channel Coupled Power Ratio
APCO	Association of Public-Safety Communications Officials
ARD	Area Reliability Degradation
CAPRAD	Computer-Assisted Pre-coordination Resource and Database
CD	Compact Disk
CFR	Code of Federal Regulations
CPC	Channel Performance Criterion
dB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

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Acronym	Definition
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

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2. REGION 8 – 700-MHz PLANNING COMMITTEE ADMINISTRATION

Membership in the Region 8 – 700-MHz Planning Committee shall be in accordance with the Region 8 Bylaws, Article 2. Please refer to Appendix A for a complete listing of committee members.

The officers of the Region 8 – 700-MHz Planning Committee are:

William Gardner - FCC Region 8 Chairman

Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11980
Telephone: (631) 852-6431
FAX: (631) 852-6418
Email: bgct4@aol.com

Lieutenant Anthony Melia - FCC Region 8 Vice Chairman

50 Nelson Place
Newark, New Jersey 07102
Telephone: (973) 621-4170
FAX: (973) 621-4073
Email: meliaa@apco911.org

Maribel Martinez-Bradwell - FCC Region 8 Secretary

R & J Telecom, Inc
38 Dussault Drive
Latham, New York 12110
Telephone: (518) 785-1703
FAX: (518) 218-9268
Email: mmartinez5@nycap.rr.com

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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3. Bylaws

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3. REGION 8 BYLAWS

Article I: Name & Purpose

- 1.1 Name and purpose. The name of this organization shall be the FCC Region 8 (New York-New Jersey) 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 8 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. Non-Voting Members. Non-voting members are all others interested in furthering the goals of public safety communications.
- 2.2 Tenure. In general, each member shall hold membership from the date of acceptance until resignation, permanent incapacity, removal, or 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. Failure to attend at least 50% of meetings held in a calendar year may be a specific cause for removal from the voting membership.
- 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

An annual meeting of the membership shall be held at a time and place to be specified and published at least thirty (30) days prior to the day of the meeting. If a voting member is unable to attend the annual meeting, he or she shall so notify the Chairman in advance of the meeting.

- 3.1 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.
- 3.2 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.
- 3.3 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 or U.S. Postal Service address on file with the Committee. A tentative meeting agenda shall be included in this correspondence.
- 3.4 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, by with quorum present. The meeting may resume on the adjourned-to date with as much notice as may be reasonably practicable under the circumstances.
- 3.5 Quorum. A quorum is defined as a majority of the voting members present and any members represented by proxies.
- 3.6 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 shall decide any question, including election to any office, unless otherwise provided by law, rule, regulation, or these bylaws.
- 3.7 Action by Writing. Any action required or permitted to be taken at any meeting of the members may be taken without a meeting if 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.
- 3.8 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.



Article IV: Officers

- 4.1 Number and qualification. The officers of the RPC shall be a chairman, vice-chairman, secretary, and 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 beginning with the founding meeting and, thereafter, at an annual meeting of the voting members.
- 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.
- 4.5 Secretary. The secretary shall record and maintain records of all proceedings of the members in a file or series of files kept for that purpose. 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.
- 4.6 Treasurer. The treasurer shall be the chief financial officer and the chief accounting officer of the RPC. The treasurer shall be in charge of its financial affairs, funds, and valuable financial papers, and shall keep full and accurate records of such activities and products.
- 4.7 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

With the approval of the RPC, the Chairman shall appoint a Regional Plan Update Committee (RPUC). Upon approval of the Region 8 700-MHz Plan by the FCC, this Committee will remain in place to recommend changes in the Regional Plan, to evaluate applications for channel allotment(s), and to provide a mechanism for interregional concurrence and resolution for any problems that arise.

The standing membership of the RPUC shall consist of the FCC-certified public safety frequency coordinator(s) or their representatives (i.e., APCO Local Frequency Advisor for the Regional Planning Area; one member each (two total) representing the States of New Jersey and New York; three members representing Public Safety Radio Services; and two members representing Special Emergency Radio Service). From time to time, the RPUC Chairman may appoint 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%.

Subject to majority approval, other individuals may serve on the RPUC in only a non-voting status. The RPUC Chairman may exclude the presence of such members at any RPUC executive session.

With the approval of the Chair, one member of the RPUC shall serve as the Region 8 Computer-Assisted Pre-coordination Resource and Database (CAPRAD) Manager.

5.2 Technical Subcommittee

With the approval of the RPC, the Chairman shall appoint a Technical Evaluation Committee. This Committee will evaluate all 700-MHz applications that are submitted to the RPC. Upon receiving results from the Technical Evaluation Committee, 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.

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4. Region Description

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4. REGION 8, REGION DEFINED

A region is a geographic area that is designated a region for some noteworthy purpose. In the New York Metropolitan area, for public safety communications purposes, it is that area having significant population and multiple administrative jurisdictions. The communities within that area intermingle so acutely that many abutting boundaries coalesce, forming one massive region — Region 8, as shown in Figure 3.

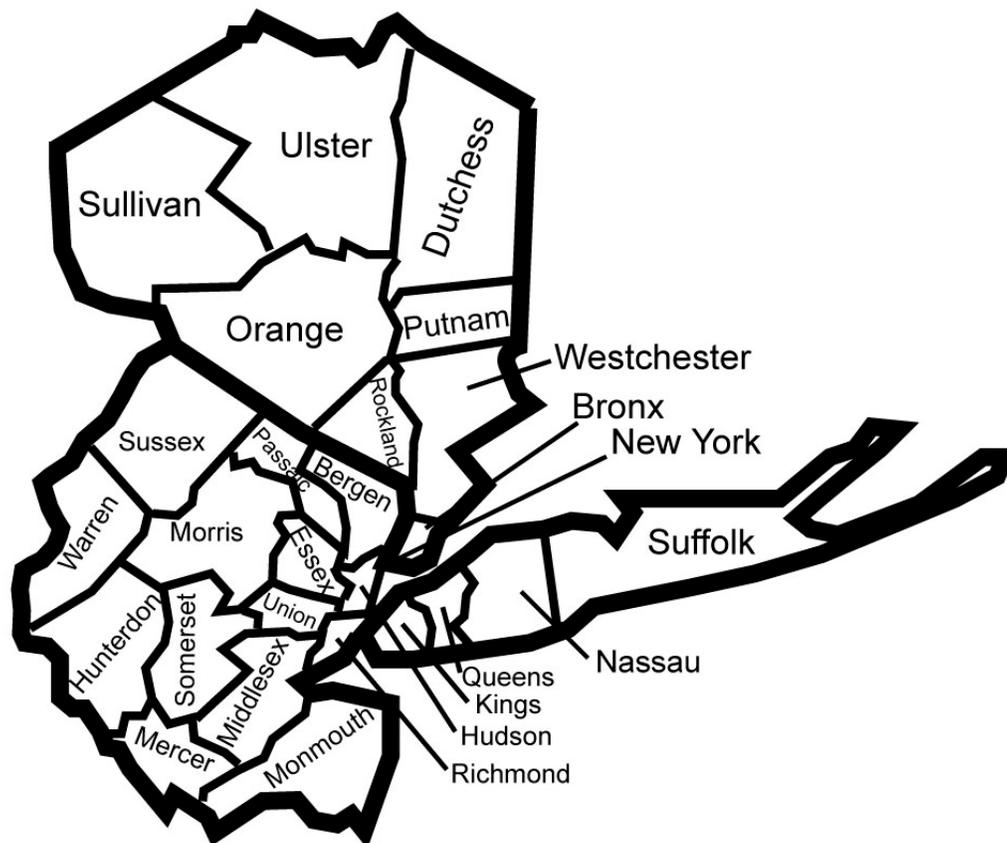


Figure 3, Mapping of Region 8

The total population of Region 8 is estimated to be more than 20,000,000 people — approximately 8% of the nation’s population (U.S. Census Bureau, 2000). Please refer to Appendix C, Region 8 Population Data. Within this region are a large number of jurisdictions — which range from state governments to quasi-municipal organizations that cross state lines, and include counties, cities, townships, villages, water districts, fire districts, etc. —many of which are involved in public safety. Their involvement extends from search and rescue during crises to providing immediate response to replenish and repair roadways, lights, power, etc.

The New Jersey and New York State portions of Region 8 each have a primary zone, and New York State also has a secondary zone. A primary zone contains jurisdictions that are severely

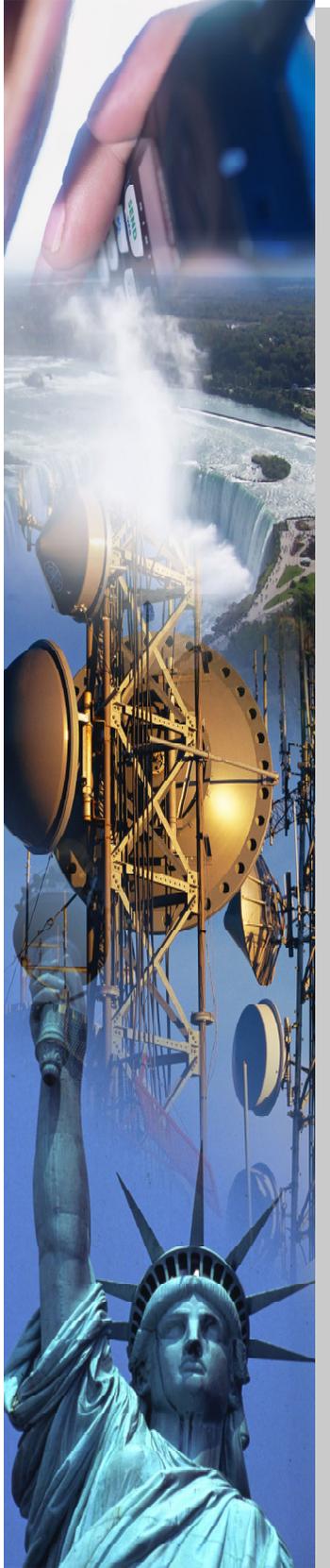


impacted as a result of an excess demand for scarce spectrum. The requirements for system implementation in a primary zone will be more restrictive than in a secondary zone. The jurisdictions located in a secondary zone will be under the general requirements of the Regional Plan, but will not be required to adhere to the more stringent requirements of the primary zone jurisdictions.

The New York primary zone consists of: 1) the counties of Orange, Putnam, Rockland, Westchester, the five counties of New York City, and Nassau, and 2) the portion of Suffolk County that is west of the town of Riverhead on the north shore and of Southampton on the south shore of Long Island.

The secondary zone in New York State consists of: 1) the counties of Dutchess, Sullivan, and Ulster and 2) the portion of Suffolk County that is east of the Town of Riverhead on the north shore and of the Town of Southampton on the south shore.

The counties in New Jersey within Region 8 are Sussex, Warren, Hunterdon, Mercer, Monmouth, Passaic, Bergen, Hudson, Essex, Union, Morris, Somerset, and Middlesex. The Region line follows the northern border of Burlington County and the southern border of Monmouth County. All counties in the New Jersey portion of the Region lie within the primary (most stringently controlled) zone.



5. Spectrum Allotment Procedure

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5. PROCEDURE FOR REQUESTING SPECTRUM ALLOTMENTS

Within three (3) months of the date on which the Regional Plan has been accepted and approved by the FCC, the RPC will announce the opening of an initial filing window. The filing window shall represent a period of time during which the RPC will accept site-specific applications for 700-MHz public safety usage for filing and review.

For a period of five (5) years, the National Pool allotments developed and stored in CAPRAD⁴ will represent the base allotment plan for Region 8. Furthermore, in order to accommodate flexibility in the utilization of orphaned channels⁵, the Region 8 allotment plan will also consider the CAPRAD allotments valid for application within a thirty (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 than thirty (30) days to comment on the terms of the application.

The term for frequency-pool allotments in Region 8 shall be five (5) years after the transition date to digital television⁶. If, after five (5) years, applicants who were granted channel allotments have not applied for station licenses, those allotments shall be returned to the allotment pool and become available again for application.

5.1 Window Procedure

The RPC will hold three (3) application-filing windows per year:

- 1) January 1 through January 31,
- 2) May 1 through May 31, and
- 3) September 1 through September 30.

After the first fifteen (15) application filing windows are completed, subsequent windows shall be announced on an as-needed basis.

A PN announcing an allotment application filing window shall be sent to all RPC members via e-mail, as well as to the following media resources for further dissemination:

- FCC Daily Digest,

⁴ 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.

⁵ A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

⁶ Digital Television transition date: February 17, 2009.

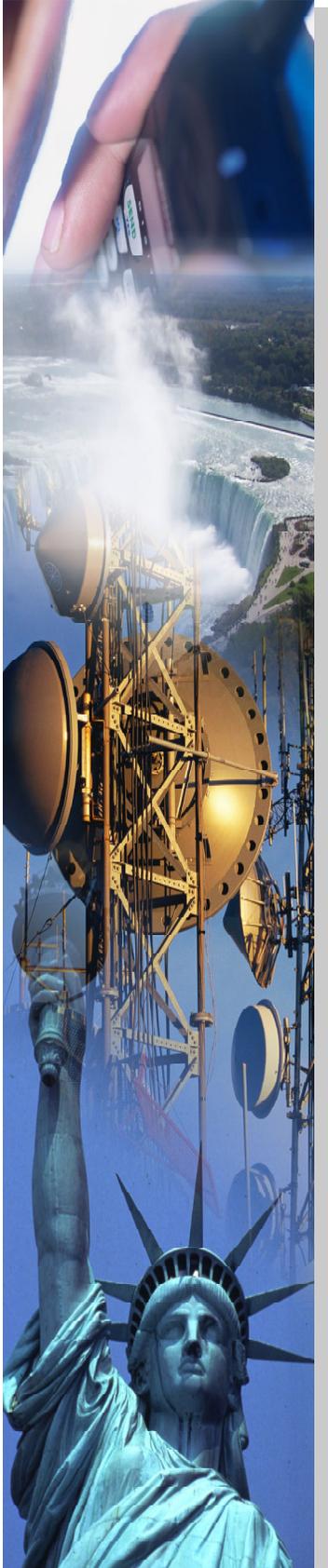


- National Public Safety Telecommunications Council (NPSTC) Web Forum,
- CAPRAD, and the
- APCO Communicator.

The filing window shall commence not less than thirty (30) calendar days from the PN. Included in the filing window notice shall be the start and end dates of the filing window, any rules or requirements for filing outlined in the Regional Plan, and any other special instructions. Also included shall be a list of Technical Subcommittee members who can provide additional information to prospective applicants.

5.2 Transition to an Open Timeline

The RPC reserves the right to transition to a process by which narrowband applications may be accepted either at any point or on a structured schedule. If the RPUC decides by majority vote to change to an ad-hoc, periodic, or other type of filing window schedule, the effective date of such a schedule change may not commence until thirty (30) days have passed since these changes were announced through the process defined in Section 5.1 of this document.



6. Application Requirements

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6. APPLICATION REQUIREMENTS

Each application package must contain enough information that evaluators can determine the strength of the application relative to 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:

- 1) Completed FCC 601 form(s);
- 2) Completed supplemental application requirements. Please refer to Appendix F, Supplemental Application Requirements;
- 3) Completed Region 8 Antenna Pattern Information Form for each antenna configuration employed (with azimuth and elevation patterns). Please refer to Appendix G, Antenna Pattern Information Form;
- 4) Completed Region 8 Service Area Boundary Form. Please refer to Appendix H, Service Area Boundary Form;
- 5) Signed Memorandum of Understanding (MOU) agreeing to implement system as proposed. Please refer to Appendix Q, Intraregional Memorandum of Understanding; and
- 6) 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 9 for further details.

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

6.2 Application Submission Format

All material provided as part of the application package must be submitted in eight (8) hard copies and eight (8) electronic copies⁷ to the RPC 8 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

⁷ Unless otherwise specified, the acceptable electronic media will be CD-ROM or DVD-ROM. Other media may be accepted upon written approval of the RPUC Chair.

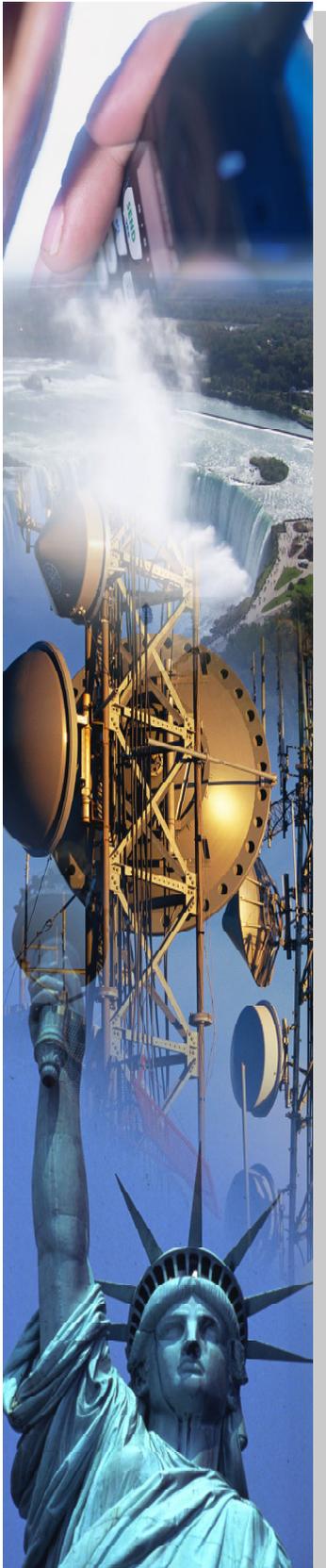
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or electronic mail if the application package does not meet the requirements stated in this Plan⁸. Applications may be dismissed and returned to the applicant if required information is not provided. The applicant will then have the option to complete and resubmit the application during the next filing-window period.

⁸ Please refer to the Region 8 Bylaws, Article VI, for details addressing correspondences between the Committee and the Applicant.



7. Application Scoring Matrix

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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 4 through 11. 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 J.

First, the allocation is placed in the frequency pool (Block #1 in Figure 4). 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 4). The window period will be thirty days (Block #3). Next, the Region 8 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 8 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 Block #10, at the top of Figure 5).

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 2, which follows Figures 4 and 5. 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 2, Evaluation Matrix Point Values for Service⁹.

⁹ Reference: FCC Code of Regulations (47CFR90.523 and 47CFR90.20), Title 47, Volume 5, Subpart R.

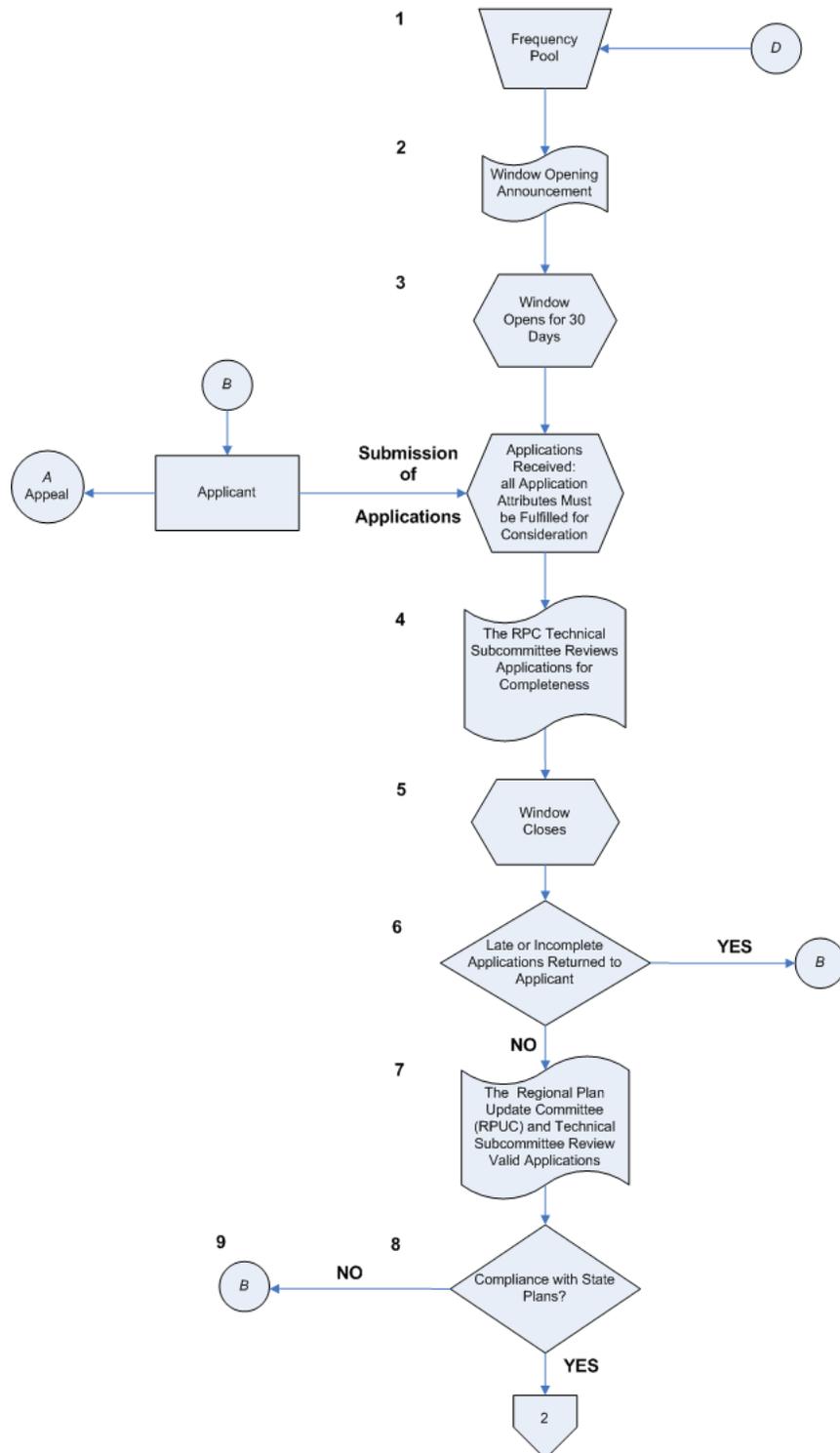


Figure 4, Application Review Flowchart - Page 1 of 8

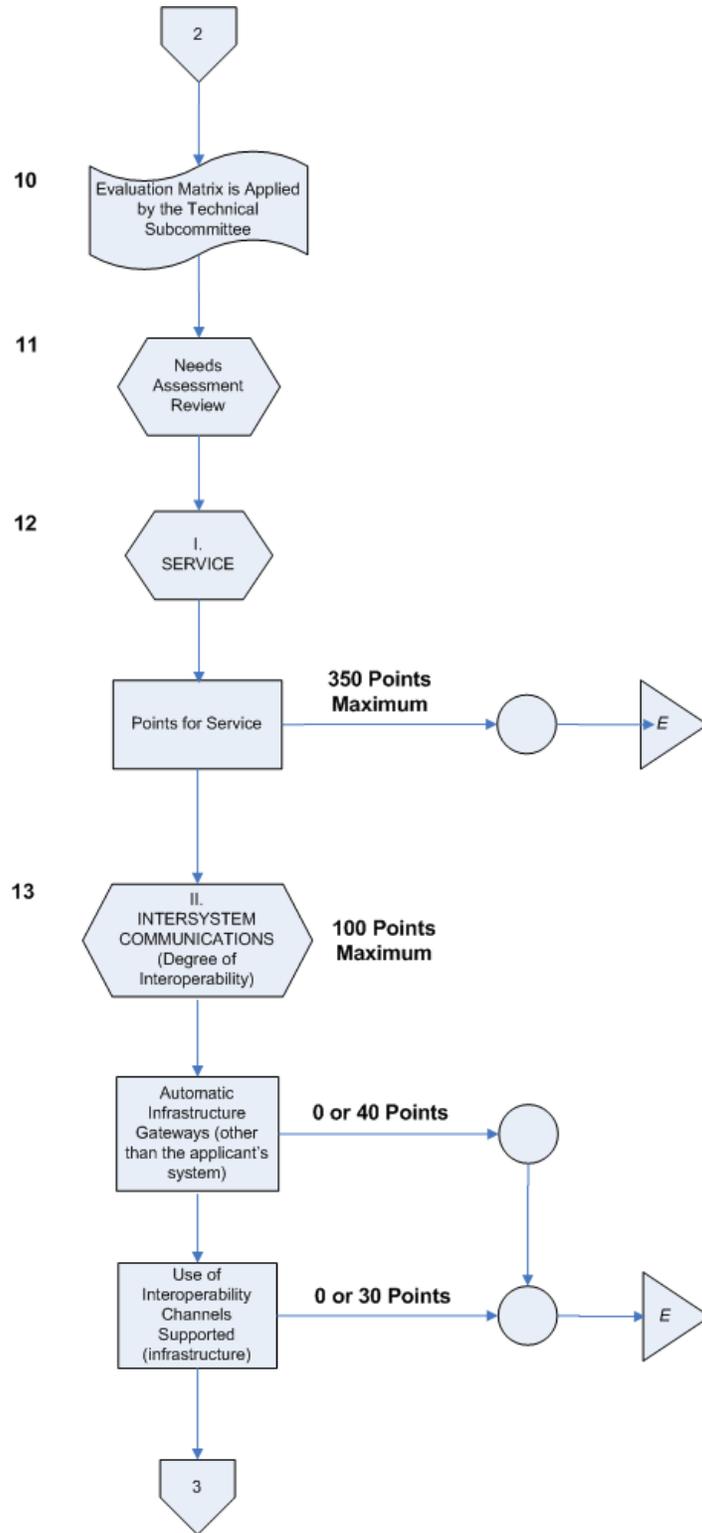


Figure 5, Application Review Flowchart - Page 2 of 8



Table 2, 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
	High-Volume Transit Systems (Serving > 500,000 passengers per day)	250
3	Beach Patrol (Special Emergency)	225
	Hospital (SE)	225
	Forest Fire (Special Emergency)	225
4	Transit Systems (Serving ≤ 500,000 passengers per day - exclusive of police, fire, and EMS)	175
5	Highway	150
6	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
7	Security Patrol - Government (Special Emergency)	100
	Schools - Government, Districts - (Special Emergency - i.e., school buses)	100
	Veterinarians - Government (Special Emergency)	100
8	Partial Coach - Government (Special Emergency - transit systems)	75
	Physicians - Government (Special Emergency)	75
	Communications System Repair (Special Emergency)	75
9	Parks and Conservation - Government (exclusive of police, forest fire)	50
	Physically Disabled - Government (Special Emergency - i.e., personal alarm services)	50
10	Other (TBD)	25

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

The application (Block 13 in Figure 5) 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 3.

Table 3, 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 6, 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 4).

Table 4, Loading Criteria and Weights

Loading and Expansion Factors	Point Value
System loading is \geq 250 subscriber units per radio channel	100
System loading is \geq 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 \geq 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) 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 5, which follows.



Table 5, 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

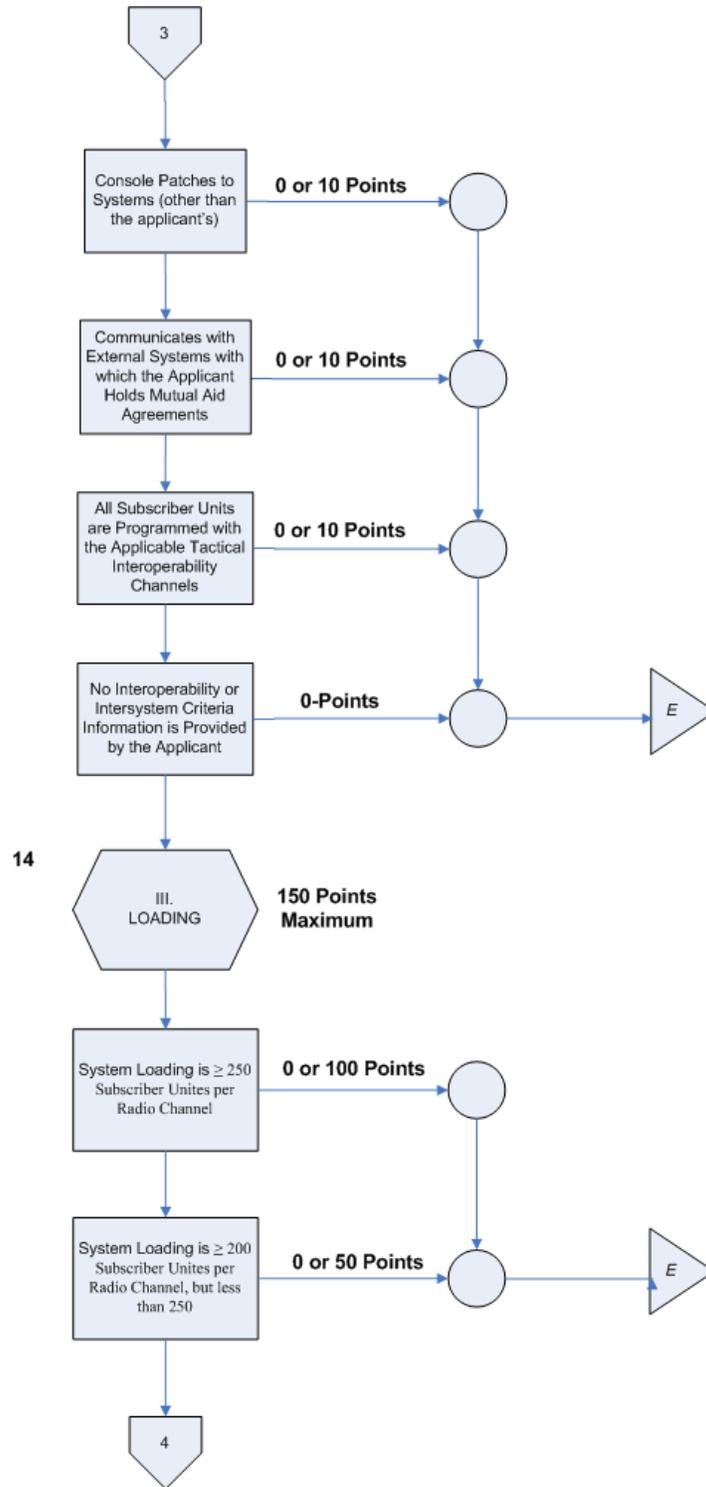


Figure 6, Application Review Flowchart - Page 3 of 8

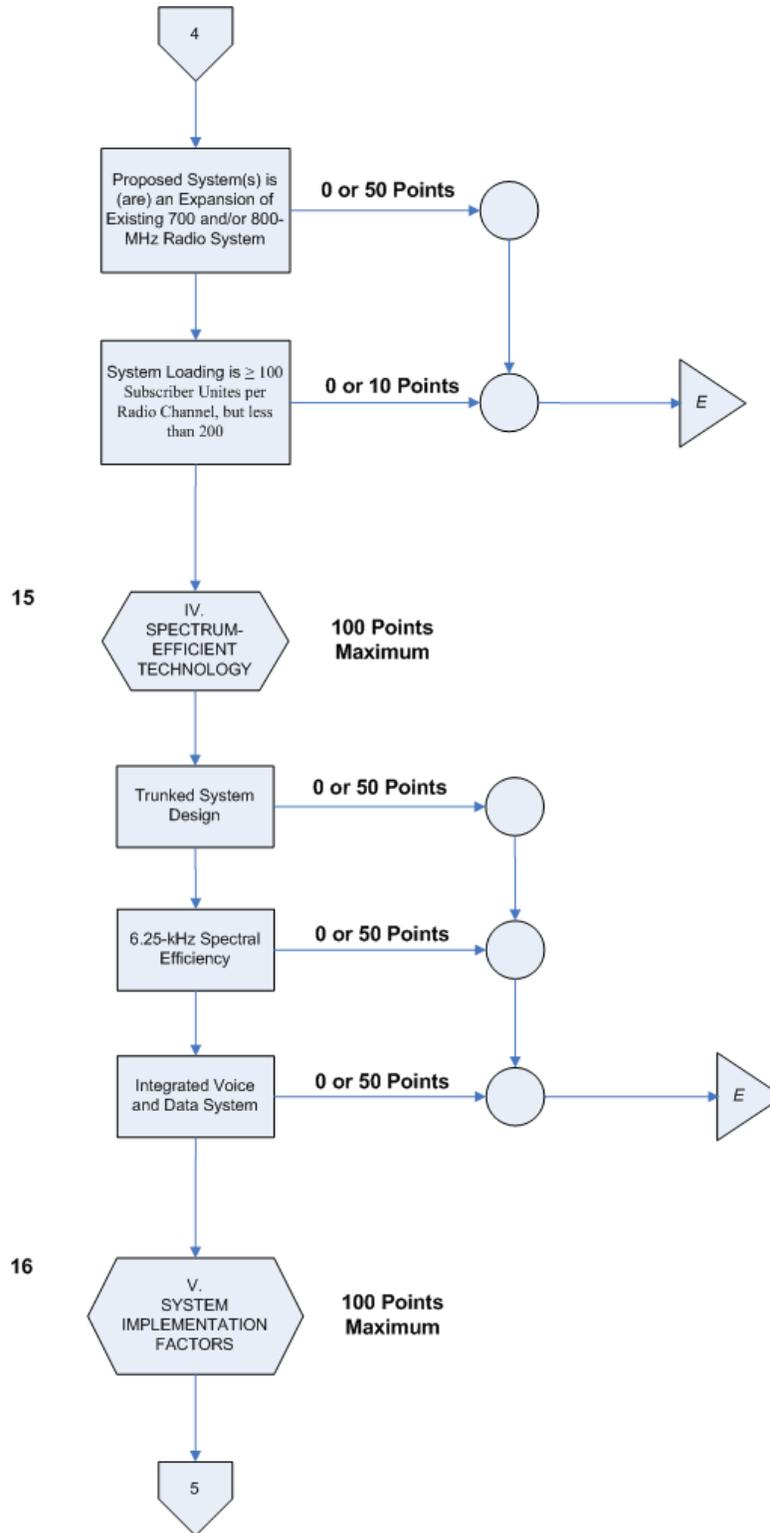


Figure 7, Application Review Flowchart - Page 4 of 8



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

Category V (Block #16, Figure 7) 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 6). 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 6). Applicants are required to submit evidence of financial and budgetary commitment and a timetable for implementing the communications system or systems.

Table 6, Planning for Implementation Criteria and Weights

Implementation Status	Point Value
Degree of budgetary commitment	0-50
Degree of planning completeness	0-50

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

Category VI (Block #17 in Figure 8) 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). This will be done by applying the Normalization Equation that follows Table 7.

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, the channel reuse shall also be normalized to fifty (50) points. This will be done by applying the Normalization Equation that follows Table 7.

Table 7, 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

Normalization Equation

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) = $A + [(B-A)/(Max(x)-Min(x))] \cdot [x-Min(x)]$

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

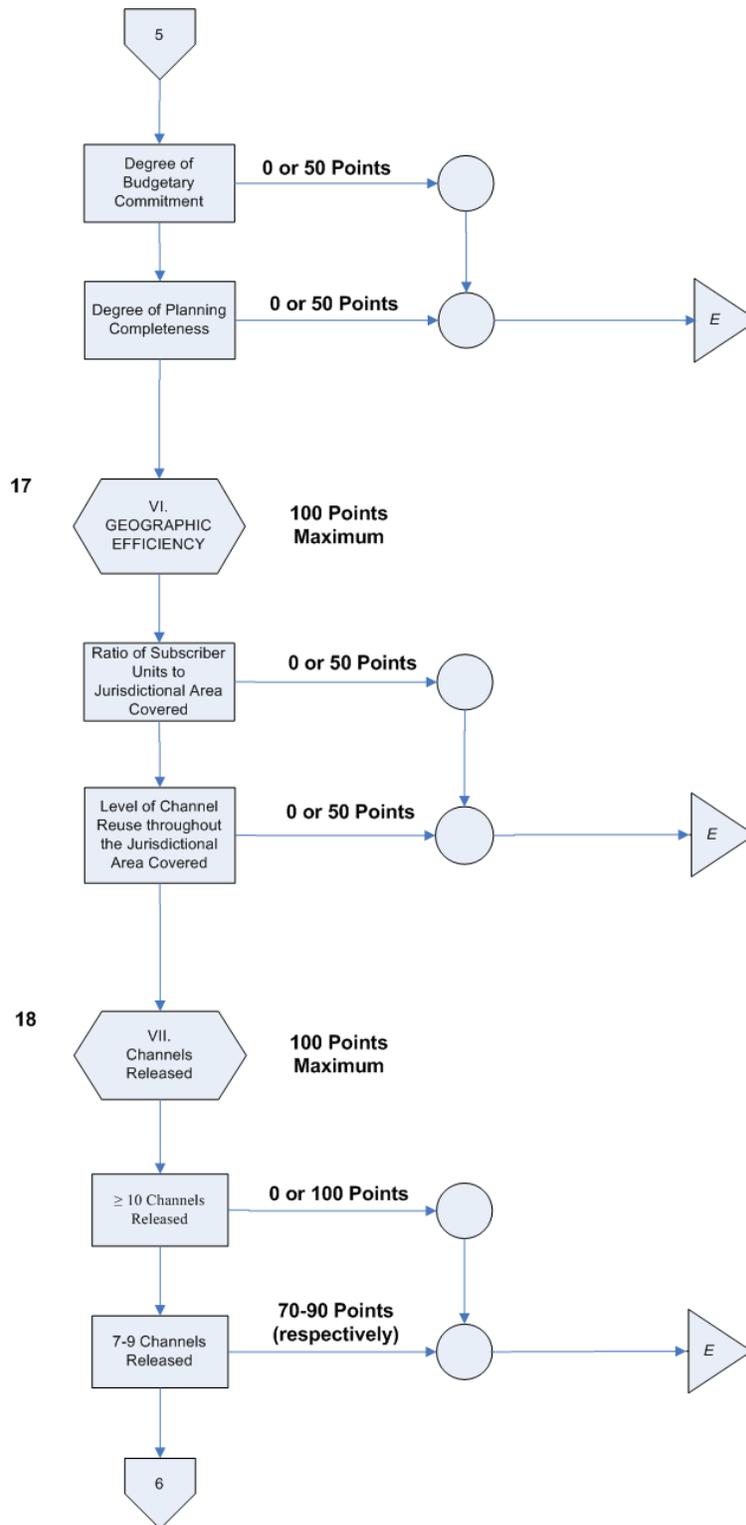


Figure 8, Application Review Flowchart - Page 5 of 8



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

Category VII (Block #18 in Figure 8) evaluates the applicant on the number of radio channels² released if the 700-MHz application is granted to it. As demonstrated in Table 8, 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 southern New York and New Jersey) shall be responsible for evaluating the usability of any channel(s) released. Please refer to Appendix S, Spectrum Usability Map for Channels Released.

Table 8, 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 9, 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 10), and interregional concurrence occurs as necessary (Block #23, also in Figure 10). 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, and
 NPSPAC Band 821-824 MHz/866-869 MHz.



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 10).

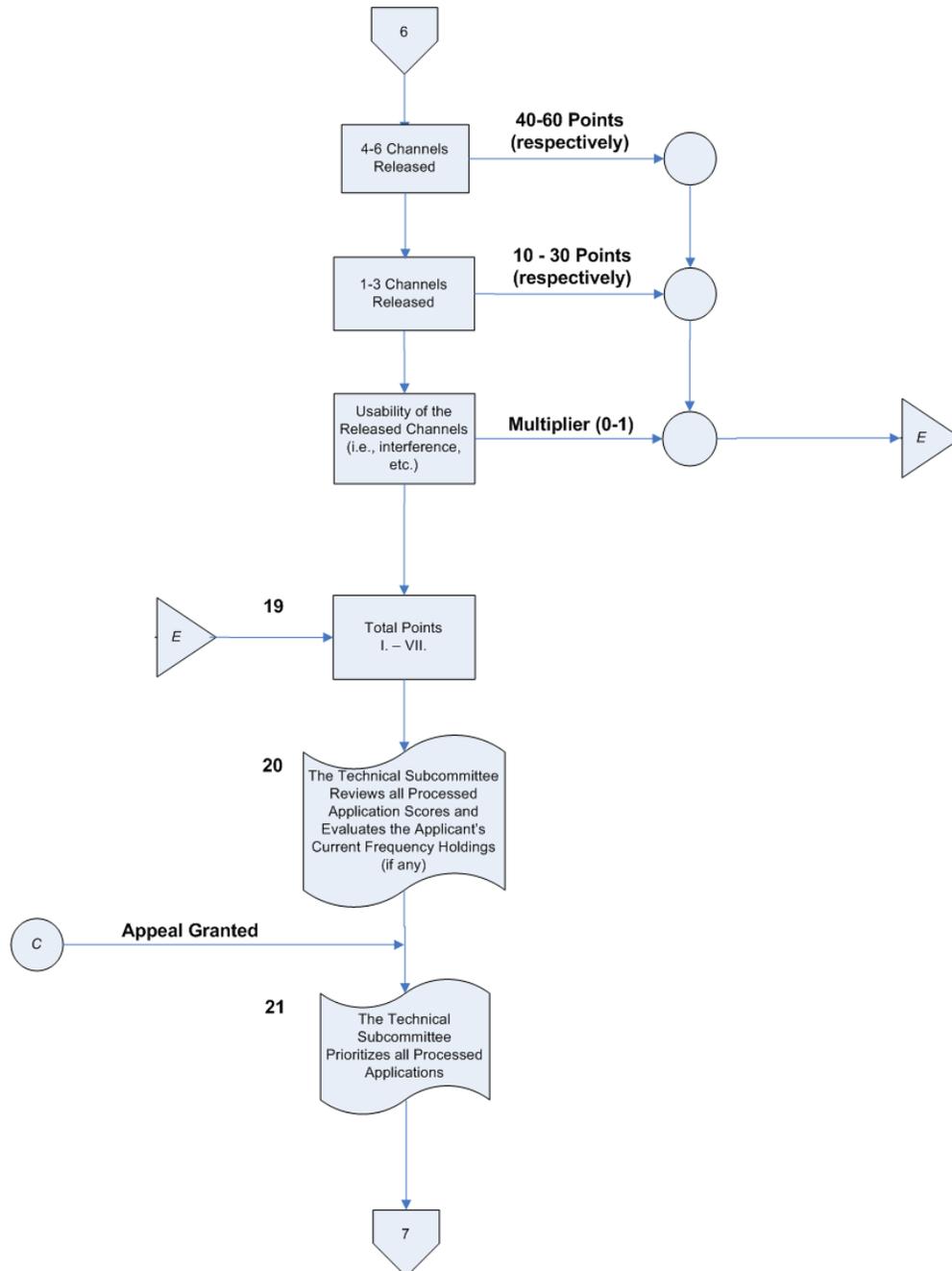


Figure 9, Application Review Flowchart - Page 6 of 8

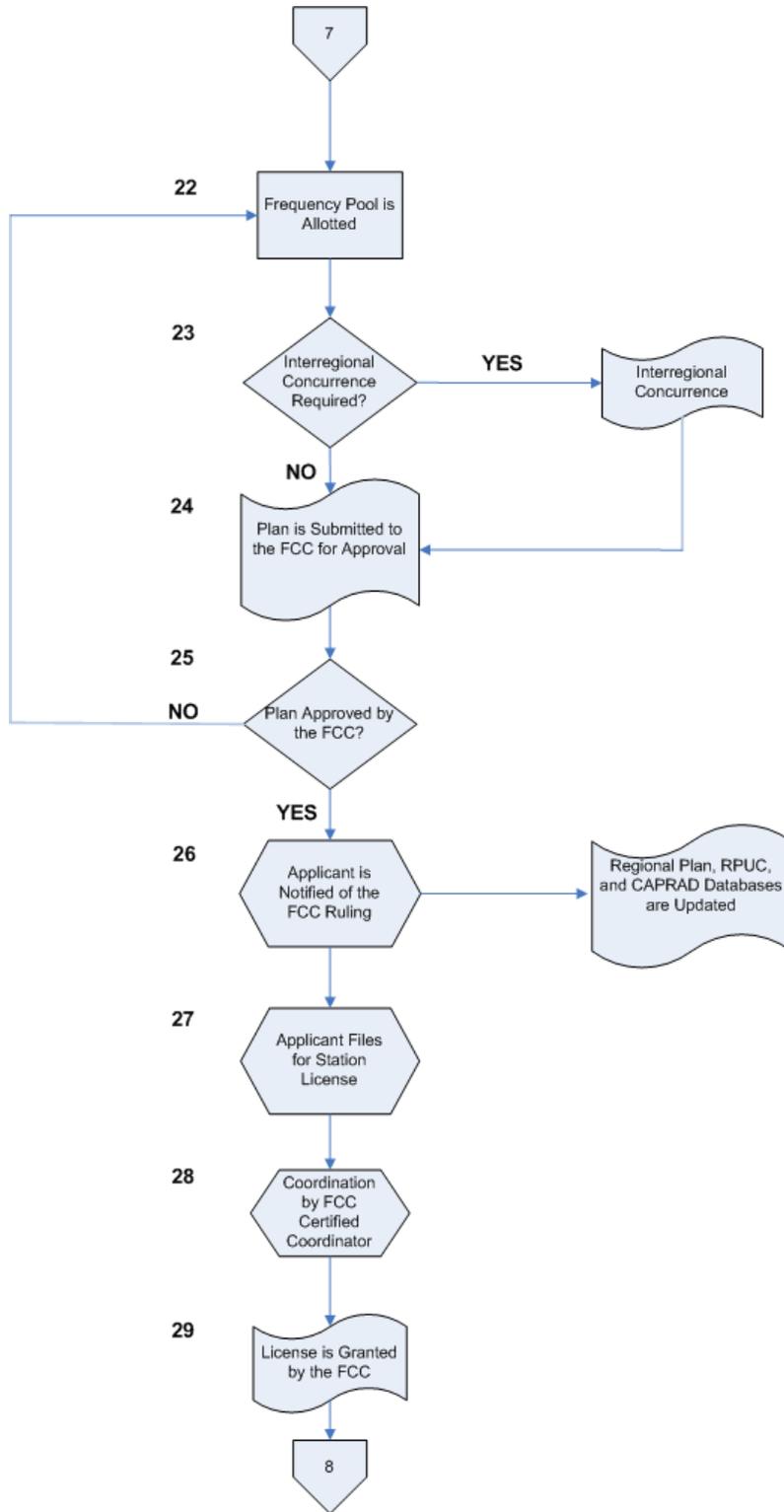


Figure 10, Application Review Flowchart - Page 7 of 8



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 8 Technical Subcommittee to determine if progress is being made (see Block #30 in Figure 11). Monitoring of system implementation by the Region 8 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 8 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).

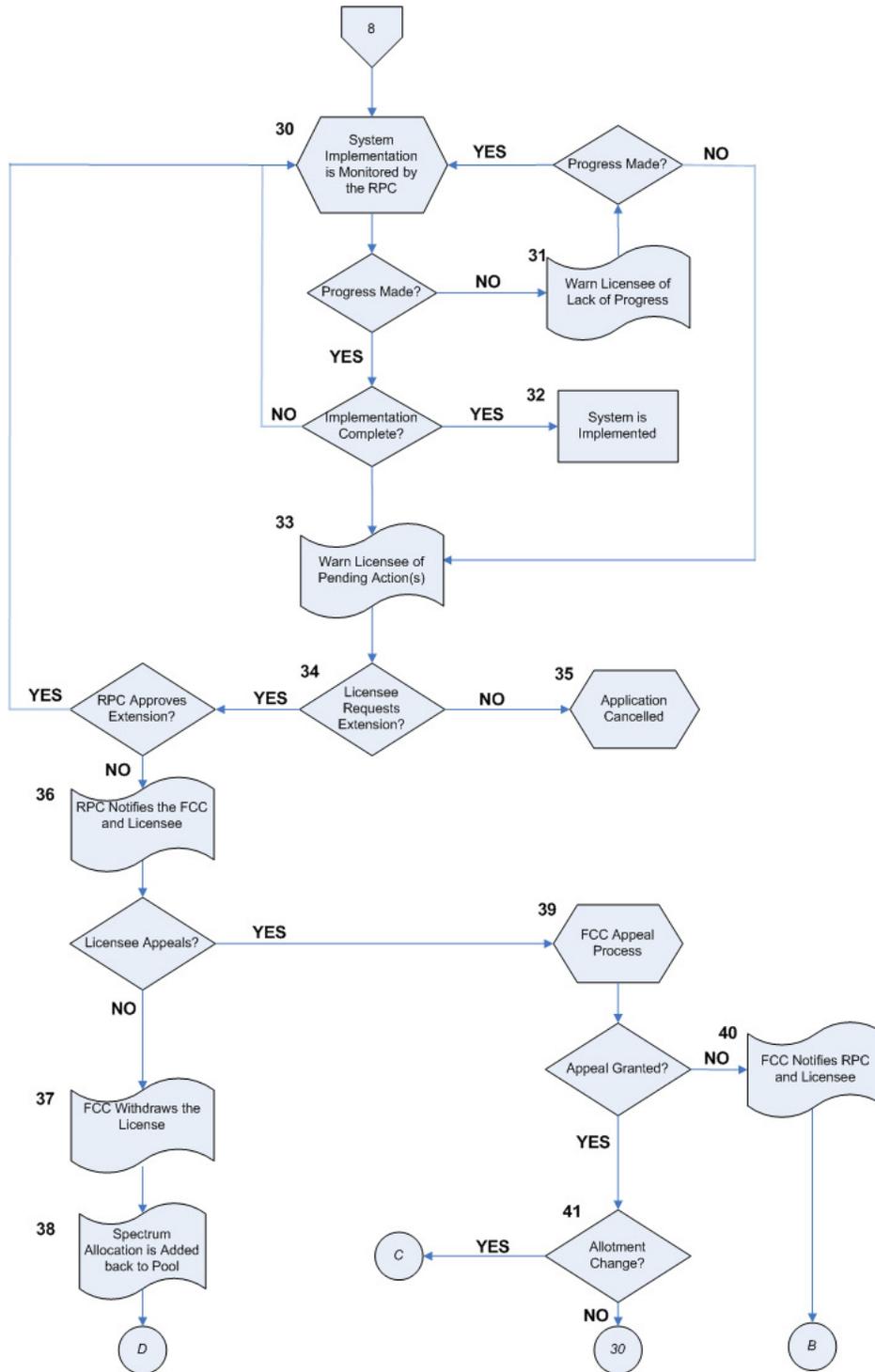
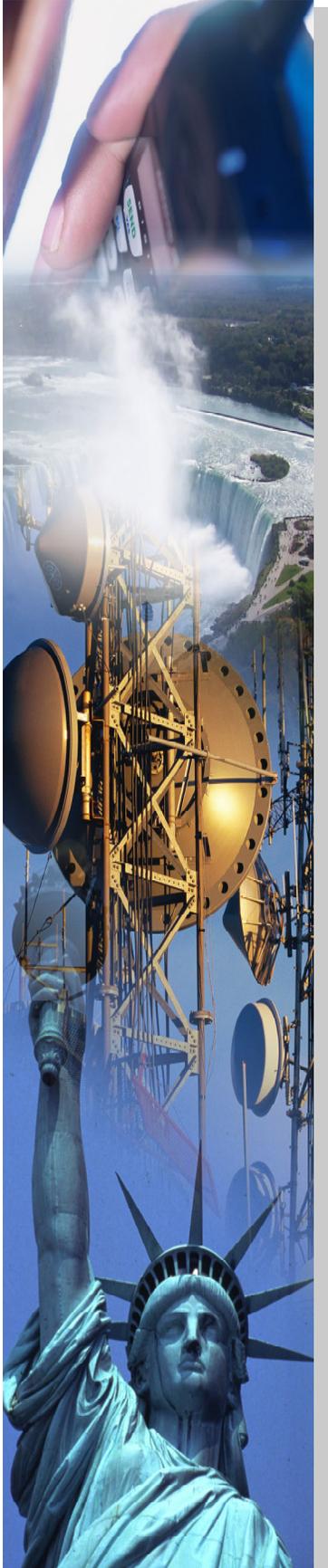


Figure 11, Application Review Flowchart - Page 8 of 8



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8. Technical Evaluation

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8. TECHNICAL EVALUATION OF APPLICATIONS

Complete application packages shall undergo technical review according to the procedures described in this section. Figure 12, 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 CAPRAD¹⁰ 700-MHz National pre-allotment channel pool for Region 8 and/or an alternative approach acceptable to the RPC¹¹ (see Appendix I), 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 CAPRAD¹⁰ 700-MHz National Pre-allotment Channel Pool?

Each application must be checked by the RPC 8 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 8. 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.

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 —

¹⁰ 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.

¹¹ During the term that such pool allotments are in effect. Please refer to Section 5, Procedure for Requesting Spectrum Allotments.



order this group of applications relative to each other based upon subjective evaluation of the merits of each.

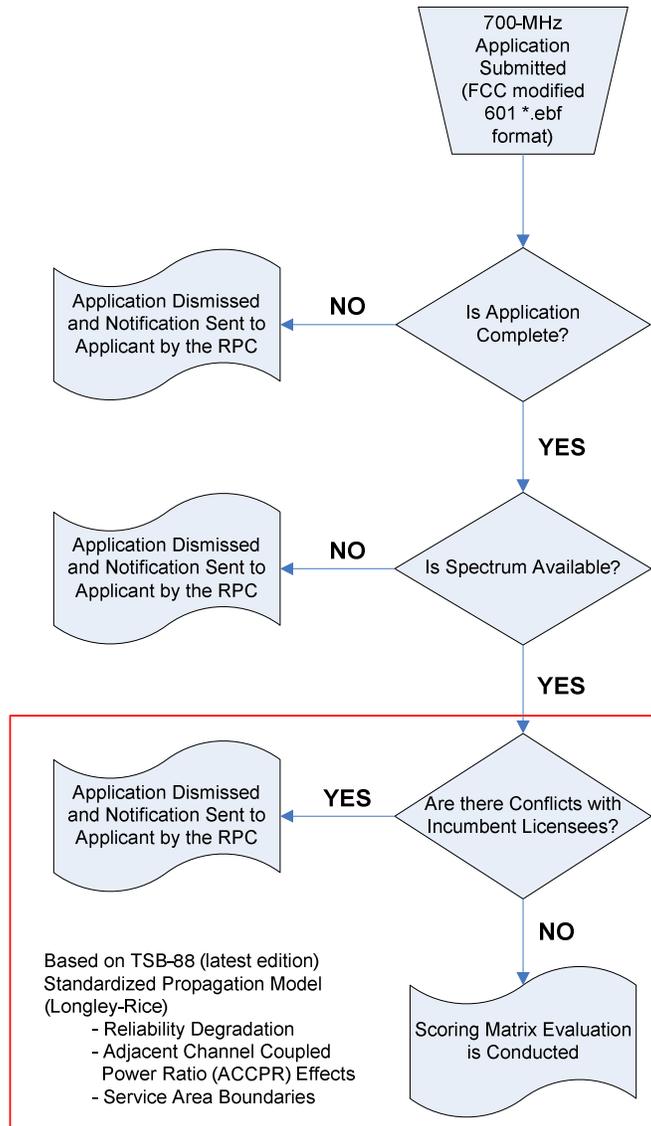
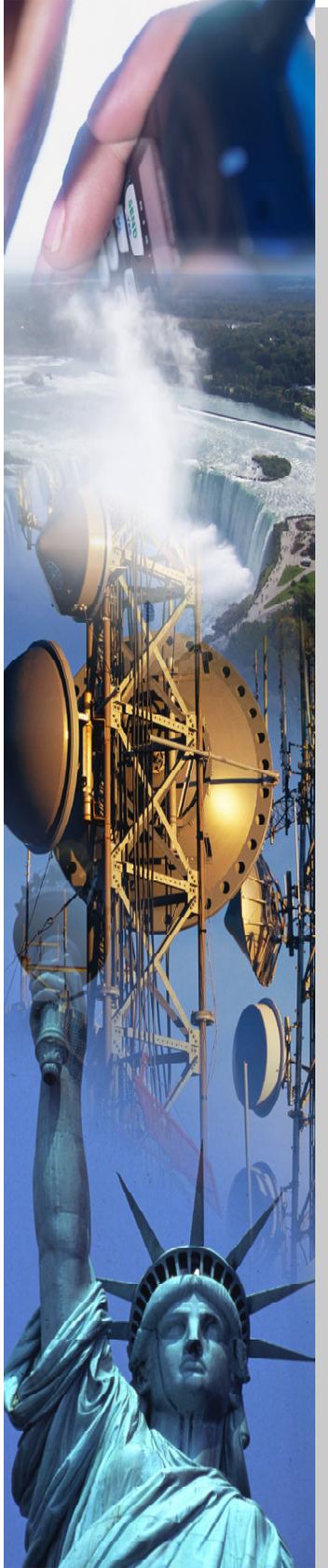


Figure 12, Overview of Technical Review Process



9. Interference Evaluation Procedure

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9. INTERFERENCE-PROTECTION CRITERIA AND SYSTEM-DESIGN SPECIFICATIONS

This section defines the interference-protection criteria, system deployment constraints, and assumptions that Region 8 employs in its application-evaluation process.

9.1 Recommended System Reliability

It is recommended that proposed facilities in Region 8 be designed to provide 50 dB μ (-82 dBm) received-power levels for reliable portable-coverage operations, and 40 dB μ (-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 8. 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 G, Antenna Pattern Information Form.

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 dB μ (-82 dBm) Protected Service Area (PSA) must lie within the jurisdictional boundary plus an eight-kilometer buffer zone. The 50 dB μ (-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 dB μ (-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, and
 - $\sigma = 7$ dB.
 - These, along with the 40 dB μ (-93 dBm at 800 MHz), give the following reliability throughout the service area:

$$R^{12} = 1 - Q^3 [(-93 \text{ dBm} - (-124 \text{ dBm}) - 18 \text{ dB})/7 \text{ dB}] \approx 97\%$$
 - 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.
- 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.

¹² R = Reliability in decimal, converted to percent.

¹³ Marcum's Q-function represents the cumulative area under a Gaussian distribution curve:

$$Q_1(a, b) = \int_b^{\infty} x \cdot \exp\left[-\frac{(x^2 + a^2)}{2}\right] \cdot 10^{(a \cdot x)} dx$$

This reliability degradation threshold also applies to Region 8 in-pool assignments that are proposed outside of their National Pool county area, but allowed under the Region 8 plan as described in Section 9.4.

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, Adjacent-Channel Coupled Power Ratio Values, for the appropriate ACCPR values; note that the channel bandwidth should be larger than the technology-specific emissions bandwidth.

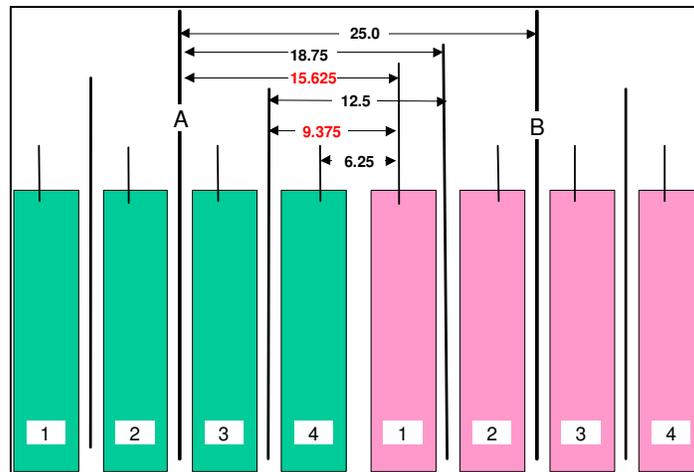


Figure 13, Potential Frequency Separations¹⁴

Table 9, Adjacent-Channel Coupled Power Ratio Values¹⁴

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

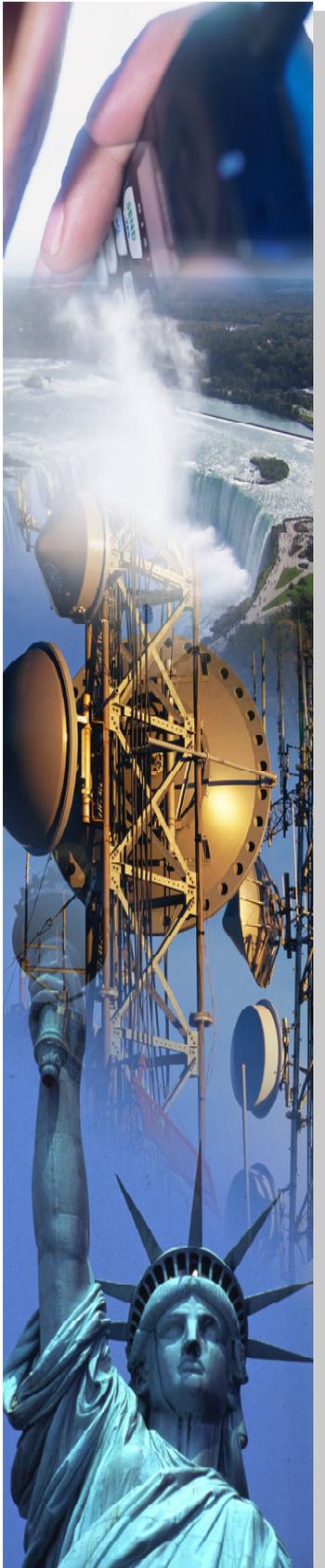
¹⁴ Adopted from the National Coordination Committee, "Pre -Assignment Rules and Recommendations," July 2002.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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10. Administration of the Low-Power Interoperability Channels

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10. ADMINISTRATION OF THE LOW-POWER INTEROPERABILITY CHANNELS

Purpose

The purpose of this section is to provide guidelines relative to the use of the Low-Power 700-MHz¹⁵ Interoperability 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:
 - 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;
 - 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
 - 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.

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.

¹⁵ 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.



Use within the Region

The low-power 700-MHz interoperability frequencies are limited to transmissions with effective radiated power (ERP) of no more than two (2) watts. These frequencies can be used at the broad discretion of first responders in one of two methodologies — direct radio-to-radio or simplex operation or as an Incident Area Network (IAN) or other low-power technology requiring a repeater capability. The use of these frequencies for official public safety or public service communications is permitted by a single public safety agency prior to the actual invocation of interoperable communications between two or more public safety agencies. Communications of a personal, non-official purpose are prohibited.

Assignment of Frequencies

Typically, first responders will have broad discretion in the use of these channels. However, if an incident is of sufficient scale to invoke the National Incident Management System (NIMS), the Incident Commander shall determine which low-power interoperability channels shall be used for first responders, as well as determine the use of simplex and/or IAN repeater technology.

Modulation

Pursuant to 47 CFR §90.525(a), operation on these channels may utilize digital or analog modulation. Analog operations will utilize the 11K0F3E emission type.

Programming of Frequencies

Eligible licensees are encouraged to program related interoperability frequencies into 700-MHz-capable mobile and portable radios as may be practical pursuant to the Service Assignment tables on the following pages. This programming is not mandatory, as some licensees may not have sufficient capacity in subscriber devices to accommodate these frequencies.

Service Assignments

Tables of repeater, subscriber, and direct or simplex assignments follows as Tables 10, 11, and 12. These assignments notate specific frequencies reserved for EMS, fire, and law-enforcement users. For all other users, Generic Public-Safety/Public-Service frequencies exist that can be used by any eligible licensee as defined by 47 CFR §90.523.

Repeater/Incident Area Network Operation

From the Department of Homeland Security SAFECOM Statement of Requirements¹⁶, “An incident area network (IAN) is a network created for a specific incident.” “This network is temporary in nature.” For the IAN or other repeater operation, the Region will follow the national deployment model; i.e., the lower frequency shall be used for the Repeater transmitter frequency, while the upper channel is employed for mobile/portable transmissions. Repeater operation is identified by the “2” (2-channel) behind the service name, e.g. “7TAC21 meaning 700 MHz (7) Tactical (TAC) Frequency with Repeater (2) frequency 1 (1).

¹⁶ SAFECOM Statement of Requirements, March 10, 2004, Page 6



Table 10, Repeater Service Assignments

Frequency Identifier	Repeater Transmitter Channels	Repeater Receiver Channels	Applicable Service
7TAC21	1-2	961-962	Generic Public Safety/Public Service
7TAC22	3-4	963-964	Generic Public Safety/Public Service
7TAC23	957-958	1917-1918	Generic Public Safety/Public Service
7FIRE21	5-6	965-966	Fire
7FIRE22	7-8	967-968	Fire
7MED21	949-950	1909-1910	EMS
7MED22	951-952	1911-1912	EMS
7LAW21	953-954	1913-1914	Law Enforcement
7LAW22	955-956	1915-1916	Law Enforcement

Table 11, Subscriber Service Assignments

Frequency Identifier	Subscriber Transmitter Channels	Subscriber Receiver Channels	Applicable Service
7TAC21	961-962	1-2	Generic Public Safety/Public Service
7TAC22	963-964	3-4	Generic Public Safety/Public Service
7TAC23	1917-1918	957-958	Generic Public Safety/Public Service
7FIRE21	965-966	5-6	Fire
7FIRE22	967-968	7-8	Fire
7MED21	1909-1910	949-950	EMS
7MED22	1911-1912	951-952	EMS
7LAW21	1913-1914	953-954	Law Enforcement
7LAW22	1915-1916	955-956	Law Enforcement

Direct Radio-to Radio or Simplex Operation

Direct or simplex operation is identified by the "1" (1-channel) behind the service name, e.g. "7TAC11 meaning 700 MHz (7) Tactical (TAC) Frequency with "Direct" or simplex communications (1) on frequency 1 (1). Please refer to Table 12, which follows.



Table 12, Simplex Communications Service Assignments

Applicable Service	Channels	Frequency Identifier
Generic Public Safety/ServiceService	1-2	7TAC11D
Generic Public Safety/Service	3-4	7TAC12D
Generic Public Safety/Service	961-962	7TAC13D
Generic Public Safety/Service	963-964	7TAC14D
Generic Public Safety/Service	957-958	7TAC15D
Generic Public Safety/Service	1917-1918	7TAC16D
Fire Incident Management	5-6	7FIRE11D
Fire Incident Management	7-8	7FIRE12D
Fire Incident Management	965-966	7FIRE13D
Fire Incident Management	967-968	7FIRE14D
EMS	949-950	7MED11D
EMS	951-952	7MED12D
EMS	1909-1910	7EMS13D
EMS	1911-1912	7MED14D
Law Enforcement	953-954	7LAW11D
Law Enforcement	955-956	7LAW12D
Law Enforcement	1913-1914	7LAW13D
Law Enforcement	1915-1916	7LAW14D



11. TV/DTV Interference Protection

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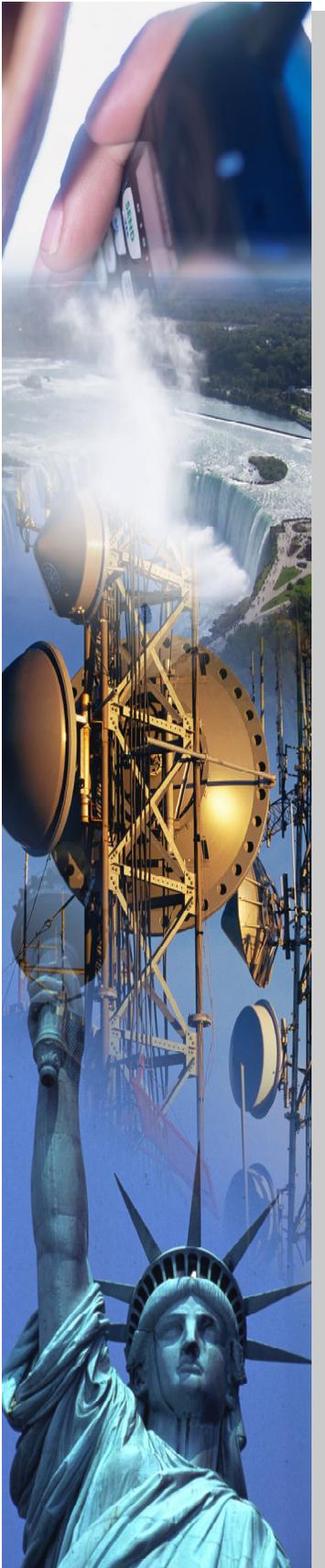
11. TV/DTV INTERFERENCE PROTECTION

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 stations¹⁷ shall be afforded adequate interference protection from public safety radio systems operating in the 769- to 775-MHz and 799- to 805-MHz band.

¹⁷ TV channels: 62, 63, 64, 65, 67, 68, and 69.



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12. Frequency Coordination

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12. PROCEDURE FOR FREQUENCY COORDINATION

Region 8 adheres to the 700-MHz General Use channel-allotment pool and shall process all applications and allocate General Use spectrum using the CAPRAD system.¹⁸ Please refer to Appendix I, 700-MHz Channel Allotment Pool as defined in CAPRAD.

After the application is approved by the Committee using the application-scoring matrix and technical-review procedures, the Region 8 CAPRAD manager shall enter and save the applicant's FCC 601 form(s) into the system. Please see Figure 14, which follows.

Next, CAPRAD will electronically send the application to the applicant's preferred FCC-certified Local Frequency Advisor (LFA). 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.

¹⁸ 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.

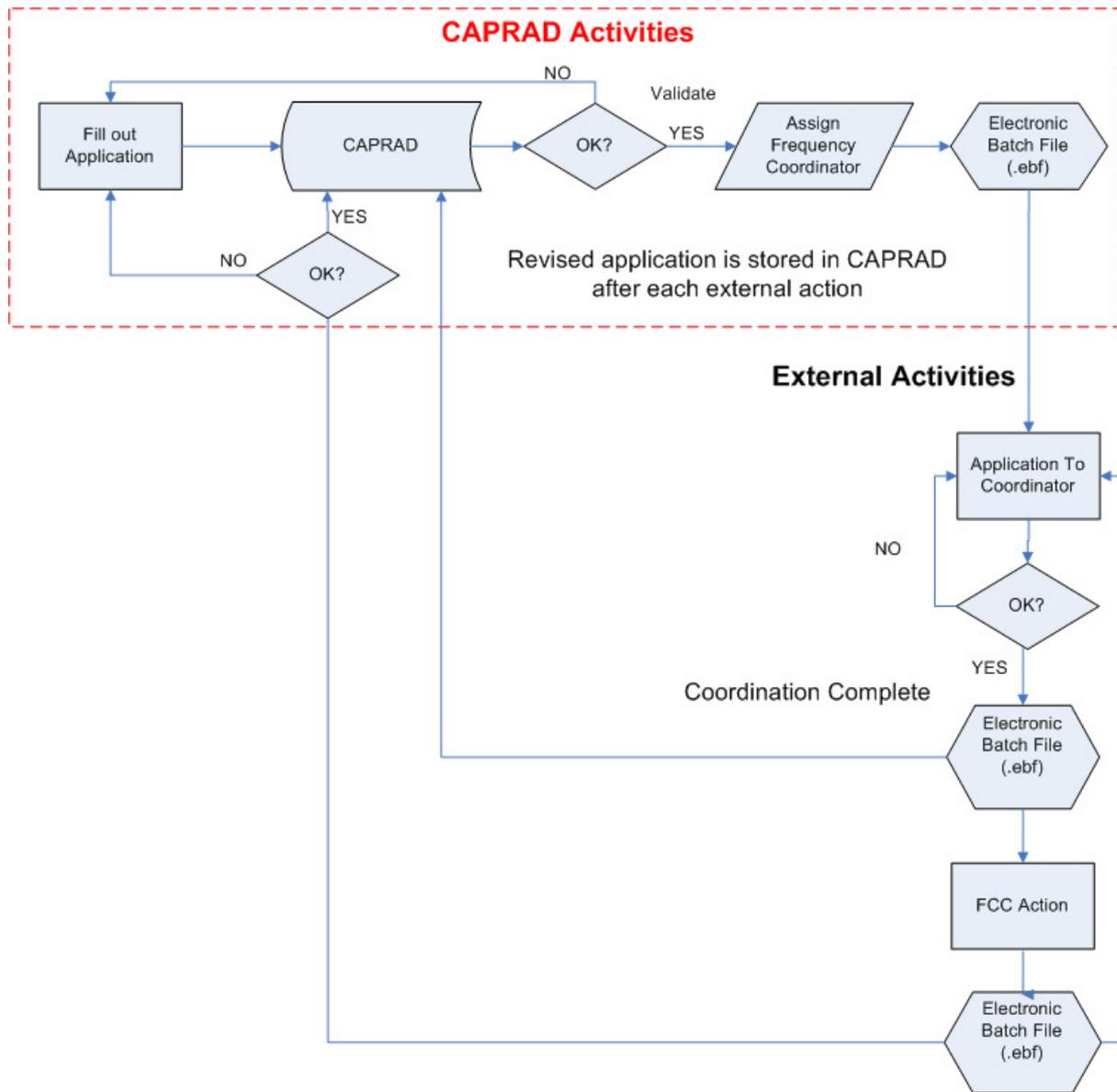


Figure 14, Frequency-Coordination Process¹⁹

¹⁹ Adopted from the CAPRAD 700-MHz Users Guide, version 1.4.



13. Adjacent Region Coordination

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13. ADJACENT-REGION COORDINATION

Regional Planning Committee 8 shall contact the chairpersons of the adjacent regions²⁰ to coordinate the status of their respective plans. Before submitting the Region 8 - 700-MHz Plan to the FCC, Region 8 shall gain the concurrence of each adjacent region.

Proposed facilities that may cause interference to radio systems in regions adjacent to Region 8 shall be coordinated with the applicable adjacent region(s). Regions adjacent to Region 8 are Regions 19, 28, and 30. Region 19 is comprised of the New England States; Region 28 is comprised of Eastern Pennsylvania, Delaware, and southern New Jersey; and Region 30 is comprised of central and northern New York State. The contacts for these regions appear on the FCC Public Safety and Homeland Security Bureau at:

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

²⁰ An adjacent region is defined as an FCC RPC that physically borders RPC 8 and/or those RPCs within seventy (70) miles of a RPC 8 border.



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APPENDIX A, COMMITTEE MEMBERS CONTACT LIST

Table 13, Committee Contact List

Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Allen, Ted	Consultant	Booz Allen Hamilton	allented@bah.com		(703) 377-4942		√
Aron, Carl	Executive Vice President	RCC Consultants	c.aron@att.net				√
Barsuglia, Jim	Telecom Analyst	New Jersey State Police	barsuglia.jim@gw.njsp.org	Box 7068 West Trenton NJ 08625	(609) 882-2000 x 2755	(609) 882-1463	
Bartholetti, Thomas	RF Design Consultant	Systra Consulting	tbartholetti@systrausa.com	470 7 th Avenue, 10 th Floor New York NY	(610) 358 – 4396		√
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Birrittella, James	Director Project Development	Westchester County Probation	jbbc@westchestergov.com		(914) 995-3951		
Bishop, Paul Jr.		Dayton T. Brown	pbishop@dtb.com		(631) 965-1529		√
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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
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Buchanan, James	Program Manager	Port Authority of New York/New Jersey	jbuchanan@panynj.gov	Port Authority Technical Center, 241 Erie Street, Room 228, Jersey City NJ 08310	(201) 595-4770		
Burlew, Joseph	Communications Manager	UMDNJ-EMS NJ TF1 USAR	burlewjo@umdnj.edu	65 Bergen Street Newark, NJ 07107	(908) 507-4875		√
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Carbonell, George	Transportation Radio Supervisor	Connecticut DOT	george.carbonell@po.state.ct.us	280 West Street Rocky Hill CT 06067	(860) 258-0376		
Caronia, Gregory	Division Supervisor	Nassau County OEM	Gcaronia@nassaucountyny.gov	899 Jerusalem Avenue, Uniondale NY 11553-0126	(515) 572-1037		
Catan, Dan	CEO	MCM Technology	dcatan@mcmtechnology.com		(678) 644-4980		√
Cerulli, Matthew	Radio Technician	New York State Office for Technology, Statewide Wireless Network (SWN)	matt.cerulli@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-9260	(518) 474-7529	
Chafin, Keith	Regional Account Executive, Government Markets	Dataradio	kchafin@dataradio.com	1110 Gleaves Glen Drive Mount Juliet TN 37122	(404) 386-2818	(615) 754-9802	√

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Clampet, Mark	Deputy Director	NYC OEM	mclampet@oem.nyc.gov	165 Cadman Plaza East, Brooklyn NY 11201	(718) 422-8702	(718) 422-8710	
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Clay, Larry	Senior Principal Engineer	Raython	lbclay@raytheon.com	1001 Boston Post Road Marlboro, MA	(508) 490-1720		√
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Coltri, Norm	Associate Director	RCC Consultants	ncoltri@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(609) 654-8196		√
Cook, David A.	Chief, East Greenbush Fire Company & FCC Region 30 Chairman	East Greenbush Fire Company	dcook@fedeng.com	East Greenbush Fire Company 2813 Phillips Road Castleton NY 12033	(518) 956-2812	(518) 477-6085	

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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
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Everett, Charles		Union City Police Department			(201) 348-5780		
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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
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Lyons, Margaret	Director	RCC Consultants	mlyons@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2476	(732) 404-2580	√
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McDonald, D/Chief Stephen J.	CO Support-Technical	Nassau County Police Department	smcdonald@pdcn.org	1490 Franklin Avenue, Mineola NY 11501	(516) 573-7500	(516) 573-7596	
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Rinehart, Bette		Motorola	c18923@email.mot.com	28 Twin Lakes Drive, Gettysburg PA 17325	(717) 334-0654		√
Rivera, Darlene	Project Engineer	NYCTA Communications Engineering	darlnene.rivera@nyct.com	2 Broadway 3rd Floor D384, New York NY 10004	(646) 252-4178	(646) 252-2666	
Robertson, John	Director	NYC Department of Information Technology and Telecommunications	jrobertson@doitt.nyc.gov	DoITT City Wide Radio Operations, 1 Centre Street, 22nd Floor, Room 2217, New York NY 10007	(212) 669-2100	(212) 669-2277	
Rocco, John	Sr. Account Manager	Motorola	john.rocco@motorola.com	28 Wood Avenue, Patchogue NY 11772	(631) 654-2058	(631) 447-6609	√
Rodriguez, Francis	Senior Consultant	RCC Consultants	frodriquez@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2477		√
Romano, Mark	Project Manager	NYSTEC	romano@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(315) 334-7851	(315) 338-6124	√
Santaniello, John	Senior Account Manager	Motorola	j.santaniello@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7583	(201) 447-7700	√
Schlieman, Robert F	Assistant Director - Engineering	New York State Office for Technology Statewide Wireless Network (SWN)	robert.schlieman@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-9700	(518) 474-7529	

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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Schram, Phil		Motorola	philip.schram@motorola.com		(516) 996-6051		√
Schwartz, Andy	Director	New Jersey Transit	aschwartz@njtransit.com	One Penn Plaza East Newark NJ 07105	(973) 491-7745		
Scotto, Ron	Engineer	Island Broadcasting	Islandbroadcasting@myway.com	4 Hunters Lane, Roslyn NY	(516) 627-5103		√
Sena, Kevin		MCM Technology	ksema@mcmtechnology.com		(205) 655-8749		√
Shakarjian, Mikel	Project Manager	New York State Office for Technology, Statewide Wireless Network (SWN)	mikel.shakarjian@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor, Albany NY 12207-2721	(518) 474-9491	(518) 474-7529	
Sheehan, James		Paramus Police Department	jsheehan@paramuspolice.org		(201) 262-3400 x 507		
Shuler, Thomas H	Managing Consultant	SSI Services, Inc Eastern Region Office	tom.shuler@vanatium.com	826 North Lewis Rd, Suite 3, Limerick PA 19468	(610) 495-0844	(610) 495-0846	√
Simmons, Leon	NYC DOT		lakeim@yahoo.com				
Simonetti, Raymond	Manager of Communications	Port Authority of NY/NJ Public Safety Department	rsimonet@panynj.gov	241 Erie Street, Room 302, Jersey City NJ 07310	(201) 239-3738	(201) 239-3884	
Smith, Conroy	Project Engineer	NYC Department of Information Technology and Telecommunications	csmith@doitt.nyc.gov	11 Metrotech, 3rd Floor, Brooklyn NY 11201	(718) 403-8430		
Smith, Sgt. Donald	Tech Services	Westchester County Correctional Dept Technical Services	dds4@westchestergov.com	HQ Bldg, Woods Road, PO Box 389, Valhalla NY 10595	(914) 231-1435	(914) 231-1425	

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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Snyder, David		Snyder & Snyder, L.L.P.	dsnyder@snyderlaw.net		(914) 335-0700		√
Speidel, Robert J.	Manager Regulatory Programs	Tyco Electronics	Speidelbo@tycoelectronics.com	PO Box 2000, 221 Jefferson Ridge Pkwy, Lynchburg VA 24501	(434) 455-9465	(434) 455-6764	√
Stanford, Annemarie	DSM	Tyco Electronics	Stanfora@tycoelectronics.com	1 Research Pkwy, Meridan CT 06450	(203) 639-7066	(203) 639-7069	√
Stemmer, Mike		Connecticut State Police	mike.stemmer@po.state.ct.us				
Stern, David	Vice President	V-Comm	david.stern@vcomm-eng.com		(609) 655-1200 x 323		√
Stile, Vincent R.	Project Assistant	New York State Office for Technology Statewide Wireless Network (SWN)	stilevin@nvbb.net	44 Kent Lane, Centerbeach NY 11720	(631) 846-3686	(631) 852-6418	
Stogner, Warren		Eastern Communications	warren@stogner.ws	48-14 36th Street, Long Island City NY 11101	(718) 729-2044	(718) 729-2241	√
Tedona, John	Senior Account Manager	Motorola	jtedona@motorola.com		(201) 841-6237		√
Tedona, John		Motorola	john.tedona@motorola.com		(201) 447-7811		√
Tenney, Richard		Invertix Corporation	rtenney@invertix.com		(703) 813-2159		√
Testa, Anthony		IBM	atesta@us.ibm.com				√
Thornton, Michael	AM	Flarion Technologies	m.thornton@flarion.com	135 Route 202/206, South Bedminster NJ 07921	(201) 788-6957		√

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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Thorpe, Stephen	Supervising Communications Technician (Ret), Bureau of Telecommunications	County of Union	set41249@thorpefamily.us	10-C Seafoam Avenue, Winfield Park NJ 07036-6621	(908) 358-8062		√
Touroonian, Richard	Director	RCC Consultants	rtouroonian@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2428	(732) 404-2556	√
Tuttle, Chris	Emergency Operations Manager	Port Authority of New York/New Jersey OEM	ctuttle@panynj.gov		(201) 595-4696		
Valatkavage, John	Engineering Group Leader	Motorola	john.valatkavage@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7541	(201) 447-7800	√
Vallarelli, John M.	Lieutenant - Project Manager	MTA Police Department	john.vallarelli@nyct.com	2 Broadway, A8.99, New York NY 10014	(646) 252-2692		
Varghese, Mariam	System Engineer	Motorola	mariam.varghese@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7790	(201) 447-7800	√
Vaughan, Corey	Consultant	NYSTEC	coreyvaughan@gmail.com				√
Vaughan, Don	Senior Engineer	NYSTEC	dvaughan@nystec.com	1209 Turf Drive, Oceanport NJ 07757	(732) 542-8033	(732) 542-2912	√
Velez, Ed	Manager of Radio Systems	New Jersey Transit	evvelez@njtransit.com	180 Boyden Avenue, Maplewood NJ	(973) 378-6579		
Vogel, Emil T.	Principal Engineer	Vogel Consulting Group, Incorporated	Vogelconsulting@optonline.com	105 Deer Trail, Ramsey NJ 07446	(201) 327-8083	(201) 327-0846	√
Volk, Michael	Chief, EMS Communications	Westchester County Department of Emergency Services	mkv1@westchestergov.com	4 Dana Road, Vahalla NY 10595	(914) 231-1684		

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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Walsh, Lt. Neil		NYC Police Department	nwalsh@nypd.org	1 Police Plaza Room 900, New York NY 10038	(212) 374-5545	(212) 374-2477	
Walsh, Mike	Director	NYSTEC	mwalsh@nystec.com	100 State Street, Albany NY 12267	(212) 599-4599	(518) 431-7037	√
Walsh, Stephanie		Motorola	stephanie.walsh@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7525	(201) 447-7800	√
Warhol, Dan	Lieutenant	Union County OEM	dwarhol@ucnj.org	300 North Avenue Westfield, NJ 07090	(908) 654-9883		
Weinberg, Capt Kenneth		Motorola	ken.weinberg@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7559	201) 447-7800	√
Westmoreland, Doug	Consultant	NYSTEC	dwestmoreland@nystec.com	100 State Street, Albany NY 12267	(518) 431-7036	(518) 431-7037	√
Williams, Doug	Regional Manager	Tyco Electronics	Williamdo@tycoelectronics.com	One Executive Centre Drive, Suite 205, Albany NY 12203	(518) 869-2211	(518) 869-3710	√
Williams, Ilse		NYC Department of Transportation			(718) 417-2078		
Williams, Tom	Consultant	Fleettalk/Sprint	panthers1965@msn.com		(973) 477-8435		√
Withington, Paul		Lockheed Martin	paul.withington@lmco.com				√
Wolfe, Michael	Technical Services	Warren County	mwolfe@co.warren.nj.us		(908) 835-2049		
Wright, Scott	Telecommunications Engineer	Connecticut DPS	scott.wright@do.state.ct.us	1111 Country Club Road PO Box 2794, Middletown CT 06457-9294	(860) 685-8280		
Yurman, Joseph	Principal Engineer	NYC Transit Authority	joseph.yurman@nyct.com	2 Broadway, 3rd Floor D3.84, New York NY 10004	(646) 252-3231	(646) 252-2666	

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Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Zarwanski, Jerry	Telecommunications Engineer	DPS Office of Statewide Emergency Telecommunications	jerry.zarwanski@po.state.ct.us	1111 Country Club Road PO Box 2794, Middletown CT 06457-9294	(860) 685-8157	(860) 685-8363	
Zito, Paul	Telecommunications Engineer	Connecticut DPS	paul.zito@do.state.ct.us	1111 Country Club Road PO Box 2794, Middletown CT 06457-9294	(860) 685-8280		



APPENDIX B, COMMITTEE MEMBERS MEETING ATTENDANCE ROSTER

Table 14, Attendance Roster

Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008				
Allen, Ted	Consultant	Booz Allen Hamilton																			√																
Aron, Carl	Executive Vice President	RCC Consultants																									√										
Barsuglia, Jim	Telecom Analyst	New Jersey State Police						√	√				√																								
Bartholetti, Thomas	RF Design Consultant	Systra Consulting																			√	√											√				
Bater, Andrew	Manager RF Projects Engineering	Tribune Broadcasting							√	√																											
Belliard, Juan		New York City Transit																√																			
Benson, Sean	Communications Coordinator	Paramus Police Department											√	√		√																		√			
Bianculli, Tony		NYC Department of Sanitation	√									√																									
Birritella, James	Director Project Development	Westchester County Probation						√	√	√																											
Bishop, Paul Jr.		Dayton T. Brown																								√											
Bohmer, Rich	Business Analyst	Motorola												√							√	√															
Bradshaw, Hugh	Communications Coordinator	New York City OEM	√				√					√																									
Brandy, Dane	Sergeant	New Jersey State Police																										√									

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Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Buchanan, James	Program Manager	Port Authority of New York/New Jersey																										√	√				√		
Burlew, Joseph	Communications Manager	UMDNJ-EMS NJ TF1 USAR																															√	√	
Burns, Michael		Warren County											√				√																		
Byrne, John		CBS-TV																	√																
Carbonell, George	Transportation Radio Supervisor	Connecticut DOT															√										√								
Caronia, Gregory	Division Supervisor	Nassau County OEM																																	
Catan, Dan	CEO	MCM Technology																												√					
Cerulli, Matthew	Radio Technician	NYS Office for Technology, Statewide Wireless Network											√																						
Chafin, Keith	Regional Account Exec, Government Markets	Dataradio							√	√				√																					
Chapeton, Lt. Gregory		Yonkers Fire Department, Communications					√	√	√		√																								
Cherian, Emil	Engineer	FCC																																√	
Cimo, Anthony	Engineer	Syracuse Research Corporation																															√	√	
Clampet, Mark	Deputy Director	City of New York Office Emergency Management	√									√	√							√			√					√		√					

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Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Clarson, Mike	Director	RCC Consultants, Inc.																								√									
Clay, Larry	Senior Principal Engineer	Raython																																√	√
Clinton, Chuck	Program Manager	Port Authority of NY/NJ						√	√				√	√	√					√				√	√		√				√			√	
Cloke, Wayne	Regional Sales Manager, Public-Safety	Recom Wireless, Inc.																				√												√	√
Collins, Denis	Systems Analyst	BAE Systems, Incorporated at DOJ WMO																					√												
Colsey, Alan		Rockland County																		√															
Coltri, Norm	Associate Director	RCC Consultants						√	√						√																				
Cook, David A.	Chief, East Greenbush Fire Company & FCC Region 30 Chairman	East Greenbush Fire Company							√	√																									
Cracolic, John	Public-Safety Communications Division	Cisco																							√										
Cuva, Paul	Senior Communications Technician	County of Union, New Jersey																														√	√	√	
DeFalco, Carmine	Program Manager	New Jersey Transit Authority											√			√	√		√	√	√	√			√				√	√				√	
DeFazio, Frank	Sr. Staff Eng.	Motorola									√	√			√																				
Degenshein, Britta	Consultant	Motorola																						√	√										

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Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Delaney, Matthew	Radio Engineer	NYS Office for Technology, Statewide Wireless Network											√																						
Demcoe, Allen	County Radio Systems Coordinator	Middlesex County																													√	√			
DeSio, Frances	Captain	Port Authority Police																													√				
Devereaux, Jack		Motorola																																	
Diegnan, Kevin	Project Manager	NYC Department of Sanitation Office of Waste Management	√																																
DiRaimo, Salvatore	Principal Engineer	NYSTEC						√	√	√	√	√	√	√	√	√	√	√			√														
Donato, Peter	System Sales & Design	TekTron														√	√																		
Doyle, Thomas		Motorola																																	
Dzissah, Kwasi	Engineer	NYSTEC																						√	√	√	√	√	√	√	√	√	√	√	
Eierman, David	Engineer	Motorola																				√		√							√				
Epstein, Adam	Radio Project Coordinator	Westchester County																																	√
Esposito, PO Frank		Nassau County Police Department																																	
Everett, Charles		Union City Police Department														√																			
Feuer, Adam		Rockland County																		√															

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Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008			
Fielbig, Edward	Communications Specialist	MTA PD															√																			
Finnegan, Bill	Engagement Manager	New Jersey Attorney General's Office					√	√	√		√		√	√	√		√	√			√	√	√	√												
Fishman, Douglas	Director - Northeast Region	RCC Consultants													√	√		√	√	√	√	√		√	√	√			√		√	√				
Gamba, Mark	Senior Engineer	Port Authority of New York New Jersey																															√			
Gardner, William	Director - Police Communications	Suffolk County Police Department	√	√	√	√	√	√	√		√		√	√					√	√	√	√	√		√	√	√	√		√	√			√		
George, Bill		Systra Consulting											√							√		√														
Getsinger, Mark	Telecomm Analyst I	New Jersey State Police REMU	√							√	√		√	√		√	√		√	√	√	√	√	√		√	√	√		√		√	√			
Gioia, John	Engineer	NYSTEC																	√	√		√														
Golder, Sgt. Tom		Nassau County Police Department Radio Office	√		√	√	√	√	√		√		√	√					√	√	√	√	√	√				√		√	√	√	√	√		
Gosch, Edward	Radio Engineer	NYS Office for Technology, Statewide Wireless Network																					√													
Greenfeld, Michael	Senior Staff Engineer	Motorola	√			√																														
Guington, Rommel		Alcatel												√																						

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Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008	
Harte, Steve	Assoc Commissioner - Wireless Technologies	DoITT											√	√	√	√				√	√	√				√			√					
Hassett, Jim	Manager Radio Repair OPS	NYC Police Department		√	√		√			√			√	√	√					√	√	√	√		√	√	√			√				√
Hayling II, Raymond	Chief, Public-Safety Communications & Deputy Chief Technology Officer	New Jersey Attorney General's Office & NJ Office of Information Technology					√	√	√	√	√		√		√				√			√	√	√		√	√							
Heck, Steve	Engineering Manager	Motorola	√		√	√						√																						
Heinzelman, William	Director of Communications	Woodbridge Police																																√
Heinzelman, William	Director of Communications	Woodbridge Police																																√
Henderson William	Sr. Staff Eng.	Motorola			√		√	√								√																		
Herman, Lisa		NYS Office for Technology, Statewide Wireless Network																	√		√													
Hibbard, Rich	Senior Account Executive	TekTron														√																		
Hoffman, Ron		South Brunswick Inc.														√																		
Horace, Edmund	Deputy C.O. Communications Bureau	Nassau County Police Department				√	√	√			√		√	√	√					√														

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Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Horst, John	FCC License Coordinator	New York City Police Department - Electronics Section						√			√		√	√	√			√		√	√	√	√		√	√		√					√		
Hughes, Brian	Vice President	Eastern Communications		√		√		√	√				√	√	√	√					√	√	√	√			√	√		√				√	
Jacobowitz, Neli	Project Manage Intern	MTA/NYCT																																√	
Johnson, Lance	Director - Spectrum Resources	Sprint Nextel																													√	√	√		
Johnson, Peter	Radio Project Coordinator	Westchester County																																√	
Karmarkar, Radhika	Senior Counsel	NYC Department of Information Technology and Telecommunications																					√												
Kerr, Doug	Public-Safety Marketing Director	Carlson Wireless Technologies																					√												
Kersch, Kenneth E.	Information Manager - Station Manager	SBTV-3														√																			
Kim, Stephen		Invertix Corporation												√																					
Klug, Karl W.	Deputy Chief, Operations	Suffolk County Health Services Department Div of EMS		√																															
Krader, David	Project Manager	Sprint Nextel																																	√
Krader, David	Project Manager	Sprint Nextel																																	√

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Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Kratzer, Lieutenant John		New Jersey State Police Communications Bureau											√		√				√								√								
Kurtz, Jack	Project Engineer	NYC Transit					√															√													
Kuttle, Steve		New England Communications Systems, Incorporated																			√														
Kuzma, Scott	Captain	Woodbridge Police Department																												√					
Lawrence, Victor	Associate Dean & Professor	Stevens Institute of Technology																									√								
Leifer, Morton, P.E.	Electronics Communications Specialist	Clarkstown Police Department																								√			√	√		√	√		
Leonard, Tom	Radio Engineer	New York State Police	√		√		√	√				√																							√
LePage, Travis	Project Engineer	NYSTEC											√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Lepinski, Mark	Lieutenant	Bergen County Police Department											√	√		√																			√
Link, Kenneth J.	Communications Systems Analyst	Morris County Department of Law and Public Safety				√	√	√	√	√	√																								
Lombardo, Kevin	Senior Engineering Manager	800 Transition Administrator																															√		
Louit, Gerard	Project Administrator	NYC Transit					√	√	√	√			√	√	√					√		√	√				√								

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Lucido, Paul	Communications Department	NYPD																																√	
Lyons, Margaret	Director	RCC Consultants					√			√	√																								
Madsen, Peter J.	Project Manager	Port Authority of NY/NJ											√	√		√	√			√	√	√	√		√	√	√	√							
Magee, Jim	ASM	Tyco Electronics											√	√																				√	
Manion, Robert	Project Manager	NYSTEC	√	√	√	√	√	√	√	√	√				√																				
Martinez-Bradwell, Maribel	President	R&J Telecom, Inc.						√	√	√	√						√	√		√	√				√				√						
Masciadrelli, John	Telecommunications Engineer	Connecticut DPS																									√		√	√		√	√		
Matson, Mark		Connecticut State Police															√																		
Maugeu, Ron	Consultant	Fleetalk Management																																√	
McArthur, Donald	Lieutenant	Westchester County Police	√	√	√	√	√	√	√	√	√																								
McDonald, D/Chief Stephen J.	CO Support - Technical	Nassau County Police Department	√						√																										
Mead, Barbara	Account Executive	M/A-COM																												√			√	√	
Meade, Mr. Peter W.	Assistant Fire Marshal	Nassau County Fire Commission	√	√															√	√			√	√	√		√	√			√				
Meagher, Scott	Engineer	NYSTEC																											√						

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008	
Melendez, Felix	Director -Citywide Radio Network Operations and FCC Licensing Support	New York City Department of Information Technology and Telecommunications	√	√	√	√	√		√		√		√	√	√	√	√			√		√	√			√	√	√						√
Melia, Lt. Anthony	Communications Officer & APCO frequency advisor	Essex County Sheriff's Dept Office of the Chief	√		√	√		√	√	√	√		√	√		√	√			√		√			√	√		√					√	
Mihlbauer, Bret	Program Manager	Motorola																															√	√
Miranda, Oscar		Celplan/WCA											√																					
Mitchell, Lawrence	Radio Engineer	New York State Emergency Management Office														√																		
Mitchell, Walt		Alcatel											√																					
Mojica, Aristides	Captain	Suffolk County Police Department					√																											
Morton, Leifer	Project Engineer - Electronic Communication Specialist	Clarkstown Police Department																								√								
Moy, Philip	Systems Engineer	Motorola																															√	√
Mui, Ping	Radio Technician	NYC Department Of Transportation																																
Muller, Karl	Communications Coordinator	Clarkstown Police Department																																√
Murphy, D/I William	CO Communications Bureau	Suffolk County Police Department																																

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008	
Napolitano, Jerry	Market Specialist	Motorola																									√	√					√	
Nestor, Jody	Interoperability Coordinator	Public-Safety Communications Office																												√		√	√	
NG, Nan	Project Engineer	New York City Transit																					√											
O'Hara, Sean	Research and Communications Engineer	Syracuse Research Corporation (NYS)	√	√	√	√	√		√	√	√	√	√	√	√		√	√	√	√		√		√	√		√							
Opee, Beatrice	Engineer	NYSTEC										√	√		√	√	√	√		√	√	√	√	√	√	√	√		√		√	√	√	
Oza, Miraj	System Engineer	Motorola					√	√						√																				
Padilla, Juan	Solutions Architect	Motorola																			√	√		√										
Pair, Steven		CBS-TV																√																
Peterson, John		New York State Department of Health												√																				
Pohorilak, George	Director	DPS Office of Statewide Emergency Telecommunications	√			√	√							√		√						√			√									
Pollak, Richard	Sr. Sales Engineer	Motorola																					√											
Quinn, Myles P.	Chief of Operations	Suffolk County Fire Rescue	√	√	√		√	√	√		√									√		√	√		√						√		√	
Raffaelli, Thomas	Project Coordinator Radio	Westchester County			√	√				√	√				√	√															√			
Raghunandan, Krishnamurthy	Construction Administrator - Wireless	NYC Transit											√		√		√						√						√			√		

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008			
Ramadan, Nagah	Executive Vice President	RCC Consultants																									√	√								
Ramos, Pablo	9-1-1 Coordinator	Rockland County																	√						√		√	√								
Redding, Robert	Director of Intelligent Transportation Systems	MTA Bridges and Tunnels																										√								
Reiner, Craig A.	Director	State of New Jersey Office of Information Technology																													√			√		
Reitz, Ken		Motorola																																		
Revankar, Vijay	Project Engineer	Port Authority of NY/NJ									√									√	√	√	√	√	√	√	√			√		√				
Revis, Mark	Associate Director	RCC Consultants							√																											
Rhodes, Yorke		IBM										√	√									√														
Rinehart, Bette		Motorola					√	√	√											√																
Rivera, Darlene	Project Engineer	NYCTA Communications Engineering																								√										
Robertson, John	Director	New York City Department of Information Technology and Telecommunications			√	√	√		√		√		√	√	√	√	√										√									
Rocco, John	Sr. Account Manager	Motorola	√	√																																
Rodriguez, Francis	Senior Consultant	RCC Consultants						√	√							√	√									√										

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Romano, Mark	Project Manager	NYSTEC															√											√							
Santaniello, John	Senior Account Manager	Motorola	√				√				√	√	√																						
Schlieman, Robert F.	Assistant Director - Engineering	NYS Office for Technology, Statewide Wireless Network	√	√		√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
Schram, Phil		Motorola																√																	
Schwartz, Andy	Director	New Jersey Transit															√				√	√								√					
Scotto, Ron	Engineer	Island Broadcasting							√	√																									
Sena, Kevin		MCM Technology																										√							
Shakarjian, Mikel	Project Manager	NYS OFT Statewide Wireless Network															√																		
Sheehan, James		Paramus Police Department														√		√																	
Shuler, Thomas H.	Managing Consultant	SSI Services, Inc., Eastern Region Office	√	√																			√												
Simmons, Leon		NYC DOT																																	
Simonetti, Raymond	Manager of Communications	Port Authority of NY/NJ Public Safety Department									√		√	√	√		√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Smith, Conroy	Project Engineer	New York City Department of Information Technology and Telecommunications									√									√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Smith, Sgt. Donald	Technical Services	Westchester County Correctional Department Technical Services	√					√																											
Snyder, David		Snyder & Snyder, L.L.P.											√																						
Speidel, Robert J.	Manager Regulatory Programs	Tyco Electronics				√														√															
Stanford, Annemarie	DSM	Tyco Electronics						√	√			√	√	√						√	√	√	√					√					√		
Stemmer, Mike		Connecticut State Police															√					√													
Stern, David	Vice President	V-Comm												√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Stile, Vincent R.	Project Assistant	NYS Office for Technology, Statewide Wireless Network	√	√	√	√				√		√													√	√	√	√					√		
Stogner, Warren		Eastern Communications				√																													
Tedona, John	Senior Account Manager	Motorola																				√													
Tedona, John		Motorola																		√															
Tenney, Richard		Invertix Corporation											√																						
Testa, Anthony		IBM											√																						
Thornton, Michael	AM	Flarion Technologies							√	√																									

FCC Region 8 - 700-MHz Plan



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Thorpe, Stephen	Supervising Communications Technician (Ret.), Bureau of Telecommunications	County of Union														√	√			√	√	√	√			√				√	√				
Touroonjian, Richard	Director	RCC Consultants							√																										
Tuttle, Chris	Emergency Operations Manager	Port Authority of New York/New Jersey OEM												√																					
Valatkavage, John	Engineering Group Leader	Motorola	√																																
Vallarelli, John M.	Lieutenant - Project Manager	MTA Police Department												√																√					
Varghese, Mariam	System Engineer	Motorola					√	√																											
Vaughan, Corey	Consultant	NYSTEC											√	√		√	√																		
Vaughan, Don	Senior Engineer	NYSTEC					√						√	√		√	√			√	√		√			√	√	√							
Velez, Ed	Manager of Radio Systems	New Jersey Transit																											√				√	√	
Vogel, Emil T.	Principal Engineer	Vogel Consulting Group, Incorporated	√		√		√	√			√		√	√	√	√			√		√	√	√	√			√	√	√	√	√	√			
Volk, Michael	Chief, EMS Communications	Westchester County Department of Emergency Services																															√		
Walsh, Lt. Neil		NYC Police Department		√	√																														

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Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Walsh, Mike	Director	NYSTEC						√	√				√	√	√	√	√	√	√	√	√	√	√		√	√		√	√						
Walsh, Stephanie		Motorola		√				√	√			√								√							√		√						
Warhol, Dan	Lieutenant	Union County OEM																															√		
Weinberg, Capt. Kenneth		Motorola																																	
Westmoreland, Doug	Consultant	NYSTEC													√																				
Williams, Doug	Regional Manager	Tyco Electronics				√																√													
Williams, Ilse		NYC Department Of Transportation																																	
Williams, Tom	Consultant	Fleettalk/Sprint																												√					
Withington, Paul		Lockheed Martin											√																						
Wolfe, Michael	Technical Services	Warren County											√			√	√	√	√	√	√														
Wright, Scott	Telecommunications Engineer	State of Connecticut DPS																					√	√									√		
Yurman, Joseph	Principal Engineer	NYC Transit Authority			√	√	√	√	√	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Zarwanski, Jerry	Telecommunications Engineer	DPS Office of Statewide Emergency Telecommunications	√		√	√	√			√	√			√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Zito, Paul	Telecommunications Engineer	Connecticut DPS																					√	√									√	√	



APPENDIX C, REGION 8 POPULATION DATA

New York State Counties²¹

County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Bronx County	New York	1,354,068	1,343,698	10,370	0.8
New York city (pt.)	New York	1,354,068	1,343,698	10,370	0.8
Dutchess County	New York	287,752	284,270	3,482	1.2
Beacon city	New York	13,954	13,875	79	0.6
Fishkill village	New York	1,753	1,750	3	0.2
Millbrook village	New York	1,498	1,473	25	1.7
Millerton village	New York	935	935	-	-
Pawling village	New York	2,253	2,242	11	0.5
Poughkeepsie city	New York	30,073	29,959	114	0.4
Red Hook village	New York	1,822	1,819	3	0.2
Rhinebeck village	New York	3,105	3,097	8	0.3
Tivoli village	New York	1,175	1,172	3	0.3
Wappingers Falls village	New York	4,983	4,956	27	0.5
Balance of Dutchess County	New York	226,201	222,992	3,209	1.4
Kings County	New York	2,488,194	2,479,923	8,271	0.3
New York city (pt.)	New York	2,488,194	2,479,923	8,271	0.3
Nassau County	New York	1,344,892	1,339,301	5,591	0.4
Atlantic Beach village	New York	1,993	1,988	5	0.3
Baxter Estates village	New York	1,009	1,008	1	0.1
Bayville village	New York	7,172	7,154	18	0.3
Bellerose village	New York	1,171	1,170	1	0.1
Brookville village	New York	3,392	3,373	19	0.6
Cedarhurst village	New York	6,165	6,156	9	0.1
Centre Island village	New York	446	443	3	0.7
Cove Neck village	New York	302	299	3	1.0

²¹ Note: Dash (-) represents zero or rounds to zero. (X) represents blank values.

Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003

Table SUB-EST2002-11-36-New York Incorporated Place Population Estimates and Population Change, Sorted within County: July 1, 2001 to July 1, 2002

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
East Hills village	New York	6,860	6,842	18	0.3
East Rockaway village	New York	10,397	10,378	19	0.2
East Williston village	New York	2,505	2,501	4	0.2
Farmingdale village	New York	8,531	8,440	91	1.1
Floral Park village	New York	15,974	15,939	35	0.2
Flower Hill village	New York	4,538	4,517	21	0.5
Freeport village	New York	43,978	43,772	206	0.5
Garden City village	New York	21,700	21,660	40	0.2
Glen Cove city	New York	26,886	26,760	126	0.5
Great Neck village	New York	9,640	9,590	50	0.5
Great Neck Estates village	New York	2,766	2,755	11	0.4
Great Neck Plaza village	New York	6,787	6,619	168	2.5
Hempstead village	New York	53,474	53,342	132	0.2
Hewlett Bay Park village	New York	492	488	4	0.8
Hewlett Harbor village	New York	1,277	1,274	3	0.2
Hewlett Neck village	New York	515	511	4	0.8
Island Park village	New York	4,774	4,748	26	0.5
Kensington village	New York	1,209	1,207	2	0.2
Kings Point village	New York	5,169	5,127	42	0.8
Lake Success village	New York	2,835	2,818	17	0.6
Lattingtown village	New York	1,872	1,858	14	0.8
Laurel Hollow village	New York	1,971	1,952	19	1.0
Lawrence village	New York	6,555	6,529	26	0.4
Long Beach city	New York	35,593	35,482	111	0.3
Lynbrook village	New York	19,933	19,895	38	0.2
Malverne village	New York	8,942	8,927	15	0.2
Manorhaven village	New York	6,253	6,197	56	0.9
Massapequa Park village	New York	17,555	17,505	50	0.3
Matinecock village	New York	850	838	12	1.4
Mill Neck village	New York	839	830	9	1.1
Mineola village	New York	19,283	19,235	48	0.2
Munsey Park village	New York	2,637	2,632	5	0.2
Muttontown village	New York	3,508	3,480	28	0.8
New Hyde Park village	New York	9,563	9,542	21	0.2
North Hills village	New York	4,347	4,336	11	0.3

FCC Region 8 – 700-MHz Plan



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Old Brookville village	New York	2,205	2,187	18	0.8
Old Westbury village	New York	4,412	4,354	58	1.3
Oyster Bay Cove village	New York	2,279	2,270	9	0.4
Plandome village	New York	1,282	1,277	5	0.4
Plandome Heights village	New York	971	970	1	0.1
Plandome Manor village	New York	854	841	13	1.5
Port Washington North village	New York	2,709	2,703	6	0.2
Rockville Centre village	New York	24,573	24,537	36	0.1
Roslyn village	New York	2,593	2,586	7	0.3
Roslyn Estates village	New York	1,221	1,216	5	0.4
Roslyn Harbor village	New York	1,048	1,040	8	0.8
Russell Gardens village	New York	1,074	1,073	1	0.1
Saddle Rock village	New York	801	799	2	0.3
Sands Point village	New York	2,844	2,818	26	0.9
Sea Cliff village	New York	5,073	5,056	17	0.3
South Floral Park village	New York	1,584	1,577	7	0.4
Stewart Manor village	New York	1,934	1,932	2	0.1
Thomaston village	New York	2,613	2,604	9	0.3
Upper Brookville village	New York	1,862	1,829	33	1.8
Valley Stream village	New York	36,433	36,351	82	0.2
Westbury village	New York	14,370	14,323	47	0.3
Williston Park village	New York	7,260	7,250	10	0.1
Woodsburgh village	New York	829	829	-	-
Balance of Nassau County	New York	832,410	828,762	3,648	0.4
New York County	New York	1,546,856	1,549,009	-2,153	-0.1
New York city (pt.)	New York	1,546,856	1,549,009	-2,153	-0.1
Orange County	New York	356,773	349,480	7,293	2.1
Chester village	New York	3,501	3,474	27	0.8
Cornwall on Hudson village	New York	3,109	3,086	23	0.7
Florida village	New York	2,691	2,625	66	2.5
Goshen village	New York	5,801	5,769	32	0.6
Greenwood Lake village	New York	3,443	3,422	21	0.6
Harriman village	New York	2,277	2,265	12	0.5
Highland Falls village	New York	3,759	3,741	18	0.5
Kiryas Joel village	New York	14,904	13,799	1,105	8.0

FCC Region 8 – 700-MHz Plan



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Maybrook village	New York	3,976	3,731	245	6.6
Middletown city	New York	25,775	25,553	222	0.9
Monroe village	New York	8,033	7,988	45	0.6
Montgomery village	New York	3,903	3,803	100	2.6
Newburgh city	New York	28,382	28,288	94	0.3
Otisville village	New York	1,014	997	17	1.7
Port Jervis city	New York	9,100	8,866	234	2.6
Tuxedo Park village	New York	733	731	2	0.3
Unionville village	New York	548	538	10	1.9
Walden village	New York	6,528	6,290	238	3.8
Warwick village	New York	6,531	6,466	65	1.0
Washingtonville village	New York	6,226	6,063	163	2.7
Balance of Orange County	New York	216,539	211,985	4,554	2.1
Putnam County	New York	98,257	97,125	1,132	1.2
Brewster village	New York	2,170	2,167	3	0.1
Cold Spring village	New York	1,991	1,990	1	0.1
Nelsonville village	New York	573	568	5	0.9
Balance of Putnam County	New York	93,523	92,400	1,123	1.2
Queens County	New York	2,237,815	2,238,024	-209	-
New York city (pt.)	New York	2,237,815	2,238,024	-209	-
Richmond County	New York	457,383	451,373	6,010	1.3
New York city (pt.)	New York	457,383	451,373	6,010	1.3
Rockland County	New York	291,835	289,430	2,405	0.8
Airmont village	New York	8,319	7,832	487	6.2
Chestnut Ridge village	New York	7,883	7,857	26	0.3
Grand View-on-Hudson village	New York	290	288	2	0.7
Haverstraw village	New York	10,153	10,131	22	0.2
Hillburn village	New York	885	881	4	0.5
Kaser village	New York	3,453	3,444	9	0.3
Montebello village	New York	3,710	3,701	9	0.2
New Hempstead village	New York	4,796	4,784	12	0.3
New Square village	New York	5,305	4,977	328	6.6
Nyack village	New York	6,768	6,749	19	0.3
Piermont village	New York	2,621	2,609	12	0.5
Pomona village	New York	2,841	2,766	75	2.7

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Sloatsburg village	New York	3,140	3,128	12	0.4
South Nyack village	New York	3,507	3,497	10	0.3
Spring Valley village	New York	25,573	25,515	58	0.2
Suffern village	New York	11,046	11,023	23	0.2
Upper Nyack village	New York	1,891	1,883	8	0.4
Wesley Hills village	New York	5,000	4,937	63	1.3
West Haverstraw village	New York	10,318	10,260	58	0.6
Balance of Rockland County	New York	174,336	173,168	1,168	0.7
Suffolk County	New York	1,458,655	1,443,299	15,356	1.1
Amityville village	New York	9,559	9,497	62	0.7
Asharoken village	New York	640	635	5	0.8
Babylon village	New York	12,713	12,679	34	0.3
Belle Terre village	New York	837	836	1	0.1
Bellport village	New York	2,382	2,378	4	0.2
Brightwaters village	New York	3,291	3,283	8	0.2
Dering Harbor village	New York	13	13	-	-
East Hampton village	New York	1,354	1,347	7	0.5
Greenport village	New York	2,063	2,057	6	0.3
Head of the Harbor village	New York	1,501	1,493	8	0.5
Huntington Bay village	New York	1,504	1,502	2	0.1
Islandia village	New York	3,109	3,096	13	0.4
Lake Grove village	New York	10,591	10,423	168	1.6
Lindenhurst village	New York	28,048	27,969	79	0.3
Lloyd Harbor village	New York	3,734	3,717	17	0.5
Nissequogue village	New York	1,572	1,568	4	0.3
North Haven village	New York	821	797	24	3.0
Northport village	New York	7,685	7,651	34	0.4
Ocean Beach village	New York	140	140	-	-
Old Field village	New York	989	971	18	1.9
Patchogue village	New York	12,026	11,983	43	0.4
Poquott village	New York	990	986	4	0.4
Port Jefferson village	New York	7,964	7,932	32	0.4
Quogue village	New York	1,058	1,040	18	1.7
Sag Harbor village	New York	2,362	2,340	22	0.9
Saltaire village	New York	44	44	-	-

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Shoreham village	New York	422	419	3	0.7
Southampton village	New York	4,055	4,031	24	0.6
Village of the Branch village	New York	1,968	1,929	39	2.0
Westhampton Beach village	New York	1,943	1,931	12	0.6
West Hampton Dunes village	New York	15	14	1	7.1
Balance of Suffolk County	New York	1,333,262	1,318,598	14,664	1.1
Sullivan County	New York	74,273	74,048	225	0.3
Bloomingburg village	New York	352	353	-1	-0.3
Jeffersonville village	New York	415	417	-2	-0.5
Liberty village	New York	3,931	3,951	-20	-0.5
Monticello village	New York	6,455	6,482	-27	-0.4
Woodridge village	New York	939	922	17	1.8
Wurtsboro village	New York	1,234	1,237	-3	-0.2
Balance of Sullivan County	New York	60,947	60,686	261	0.4
Ulster County	New York	179,986	178,372	1,614	0.9
Ellenville village	New York	4,118	4,106	12	0.3
Kingston city	New York	23,347	23,289	58	0.2
New Paltz village	New York	6,419	6,372	47	0.7
Saugerties village	New York	3,915	3,889	26	0.7
Balance of Ulster County	New York	142,187	140,716	1,471	1.0
Westchester County	New York	937,279	932,748	4,531	0.5
Ardasley village	New York	4,315	4,292	23	0.5
Briarcliff Manor village	New York	7,814	7,738	76	1.0
Bronxville village	New York	6,546	6,552	-6	-0.1
Buchanan village	New York	2,217	2,217	-	-
Croton-on-Hudson village	New York	7,696	7,684	12	0.2
Dobbs Ferry village	New York	10,956	10,843	113	1.0
Elmsford village	New York	4,722	4,703	19	0.4
Harrison village	New York	24,951	24,671	280	1.1
Hastings-on-Hudson village	New York	7,735	7,739	-4	-0.1
Irvington village	New York	6,675	6,665	10	0.2
Larchmont village	New York	6,488	6,494	-6	-0.1
Mamaroneck village	New York	18,833	18,827	6	-
Mount Kisco village	New York	10,064	10,039	25	0.2
Mount Vernon city	New York	68,615	68,621	-6	-



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
New Rochelle city	New York	72,472	72,483	-11	-
Ossining village	New York	24,138	24,097	41	0.2
Peekskill city	New York	23,077	22,857	220	1.0
Pelham village	New York	6,421	6,421	-	-
Pelham Manor village	New York	5,475	5,483	-8	-0.1
Pleasantville village	New York	7,202	7,203	-1	-
Port Chester village	New York	27,949	27,961	-12	-
Rye city	New York	15,092	15,041	51	0.3
Rye Brook village	New York	9,043	8,867	176	2.0
Scarsdale village	New York	17,958	17,920	38	0.2
Sleepy Hollow village	New York	9,283	9,265	18	0.2
Tarrytown village	New York	11,447	11,342	105	0.9
Tuckahoe village	New York	6,235	6,227	8	0.1
White Plains city	New York	55,394	54,116	1,278	2.4
Yonkers city	New York	197,234	197,181	53	-
Balance of Westchester County	New York	261,232	259,199	2,033	0.8

New Jersey Counties²²

County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Bergen County	New Jersey	895,091	890,756	4,335	0.5
Allendale borough	New Jersey	6,788	6,785	3	-
Alpine borough	New Jersey	2,268	2,232	36	1.6
Bergenfield borough	New Jersey	26,215	26,212	3	-
Bogota borough	New Jersey	8,210	8,222	-12	-0.1
Carlstadt borough	New Jersey	5,973	5,948	25	0.4
Cliffside Park borough	New Jersey	22,954	22,968	-14	-0.1
Closter borough	New Jersey	8,484	8,437	47	0.6

²² Note: Dash (-) represents zero or rounds to zero. (X) represents blank values.

Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003

Table SUB-EST2002-11-36-New York Incorporated Place Population Estimates and Population Change, Sorted within County: July 1, 2001 to July 1, 2002

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Cresskill borough	New Jersey	7,861	7,824	37	0.5
Demarest borough	New Jersey	4,901	4,870	31	0.6
Dumont borough	New Jersey	17,533	17,508	25	0.1
East Rutherford borough	New Jersey	8,713	8,707	6	0.1
Edgewater borough	New Jersey	9,220	8,894	326	3.7
Elmwood Park borough	New Jersey	18,961	18,926	35	0.2
Emerson borough	New Jersey	7,265	7,219	46	0.6
Englewood city	New Jersey	26,159	26,148	11	-
Englewood Cliffs borough	New Jersey	5,475	5,423	52	1.0
Fair Lawn borough	New Jersey	31,631	31,626	5	-
Fairview borough	New Jersey	13,363	13,308	55	0.4
Fort Lee borough	New Jersey	36,963	36,841	122	0.3
Franklin Lakes borough	New Jersey	11,055	10,575	480	4.5
Garfield city	New Jersey	29,765	29,761	4	-
Glen Rock borough	New Jersey	11,527	11,521	6	0.1
Hackensack city	New Jersey	43,525	43,463	62	0.1
Harrington Park borough	New Jersey	4,757	4,750	7	0.1
Hasbrouck Heights borough	New Jersey	11,647	11,649	-2	-
Haworth borough	New Jersey	3,407	3,391	16	0.5
Hillsdale borough	New Jersey	10,099	10,094	5	-
Ho-Ho-Kus borough	New Jersey	4,076	4,076	-	-
Leonia borough	New Jersey	8,888	8,893	-5	-0.1
Little Ferry borough	New Jersey	10,805	10,802	3	-
Lodi borough	New Jersey	24,141	24,013	128	0.5
Maywood borough	New Jersey	9,511	9,508	3	-
Midland Park borough	New Jersey	6,932	6,933	-1	-
Montvale borough	New Jersey	7,277	7,157	120	1.7
Moonachie borough	New Jersey	2,810	2,772	38	1.4
New Milford borough	New Jersey	16,386	16,381	5	-
North Arlington borough	New Jersey	15,220	15,202	18	0.1
Northvale borough	New Jersey	4,530	4,498	32	0.7
Norwood borough	New Jersey	6,131	6,107	24	0.4
Oakland borough	New Jersey	13,282	12,928	354	2.7
Old Tappan borough	New Jersey	5,694	5,587	107	1.9
Oradell borough	New Jersey	8,044	8,036	8	0.1

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Palisades Park borough	New Jersey	17,801	17,502	299	1.7
Paramus borough	New Jersey	26,275	25,915	360	1.4
Park Ridge borough	New Jersey	8,808	8,713	95	1.1
Ramsey borough	New Jersey	14,498	14,398	100	0.7
Ridgefield borough	New Jersey	10,929	10,885	44	0.4
Ridgefield Park village	New Jersey	12,823	12,839	-16	-0.1
Ridgewood village	New Jersey	24,877	24,885	-8	-
River Edge borough	New Jersey	10,988	10,971	17	0.2
Rockleigh borough	New Jersey	397	394	3	0.8
Rutherford borough	New Jersey	18,047	18,059	-12	-0.1
Saddle River borough	New Jersey	3,610	3,532	78	2.2
Tenafly borough	New Jersey	13,951	13,881	70	0.5
Teterboro borough	New Jersey	18	18	-	-
Upper Saddle River borough	New Jersey	8,096	7,761	335	4.3
Waldwick borough	New Jersey	9,608	9,608	-	-
Wallington borough	New Jersey	11,553	11,559	-6	-0.1
Westwood borough	New Jersey	11,016	11,011	5	-
Woodcliff Lake borough	New Jersey	5,840	5,804	36	0.6
Wood-Ridge borough	New Jersey	7,638	7,633	5	0.1
Balance of Bergen County	New Jersey	139,872	139,193	679	0.5
Essex County	New Jersey	798,301	795,573	2,728	0.3
Caldwell borough	New Jersey	7,667	7,611	56	0.7
East Orange city	New Jersey	69,750	69,702	48	0.1
Essex Fells borough	New Jersey	2,164	2,165	-1	-
Glen Ridge borough	New Jersey	7,230	7,247	-17	-0.2
Newark city	New Jersey	277,000	274,788	2,212	0.8
North Caldwell borough	New Jersey	7,403	7,395	8	0.1
Roseland borough	New Jersey	5,317	5,309	8	0.2
Balance of Essex County	New Jersey	421,770	421,356	414	0.1
Hudson County	New Jersey	611,439	614,061	-2,622	-0.4
Bayonne city	New Jersey	61,605	62,065	-460	-0.7
East Newark borough	New Jersey	2,362	2,382	-20	-0.8
Guttenberg town	New Jersey	11,075	11,099	-24	-0.2
Harrison town	New Jersey	14,378	14,490	-112	-0.8
Hoboken city	New Jersey	39,507	39,362	145	0.4

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Jersey City city	New Jersey	240,100	240,999	-899	-0.4
Kearny town	New Jersey	40,300	40,605	-305	-0.8
Secaucus town	New Jersey	15,882	15,980	-98	-0.6
Union City city	New Jersey	66,902	67,214	-312	-0.5
West New York town	New Jersey	46,884	47,094	-210	-0.4
Balance of Hudson County	New Jersey	72,444	72,771	-327	-0.4
Hunterdon County	New Jersey	125,795	123,989	1,806	1.5
Bloomsbury borough	New Jersey	886	885	1	0.1
Califon borough	New Jersey	1,053	1,054	-1	-0.1
Clinton town	New Jersey	2,630	2,632	-2	-0.1
Flemington borough	New Jersey	4,203	4,198	5	0.1
Frenchtown borough	New Jersey	1,501	1,497	4	0.3
Glen Gardner borough	New Jersey	1,956	1,932	24	1.2
Hampton borough	New Jersey	1,567	1,555	12	0.8
High Bridge borough	New Jersey	3,785	3,786	-1	-
Lambertville city	New Jersey	3,852	3,859	-7	-0.2
Lebanon borough	New Jersey	1,125	1,097	28	2.6
Milford borough	New Jersey	1,193	1,194	-1	-0.1
Stockton borough	New Jersey	561	559	2	0.4
Balance of Hunterdon Co.	New Jersey	101,483	99,741	1,742	1.7
Mercer County	New Jersey	359,463	355,432	4,031	1.1
Hightstown borough	New Jersey	5,299	5,278	21	0.4
Hopewell borough	New Jersey	2,049	2,040	9	0.4
Pennington borough	New Jersey	2,716	2,709	7	0.3
Princeton borough	New Jersey	14,235	14,215	20	0.1
Trenton city	New Jersey	85,650	85,566	84	0.1
Balance of Mercer County	New Jersey	249,514	245,624	3,890	1.6
Middlesex County	New Jersey	775,549	764,971	10,578	1.4
Carteret borough	New Jersey	21,640	21,470	170	0.8
Dunellen borough	New Jersey	6,947	6,887	60	0.9
Helmetta borough	New Jersey	1,905	1,882	23	1.2
Highland Park borough	New Jersey	14,225	14,123	102	0.7
Jamesburg borough	New Jersey	6,391	6,253	138	2.2
Metuchen borough	New Jersey	13,242	13,133	109	0.8
Middlesex borough	New Jersey	13,974	13,861	113	0.8

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Milltown borough	New Jersey	7,172	7,101	71	1.0
New Brunswick city	New Jersey	49,397	49,078	319	0.6
Perth Amboy city	New Jersey	48,143	47,732	411	0.9
Sayreville borough	New Jersey	41,768	41,186	582	1.4
South Amboy city	New Jersey	8,032	7,979	53	0.7
South Plainfield borough	New Jersey	22,896	22,129	767	3.5
South River borough	New Jersey	15,829	15,705	124	0.8
Spotswood borough	New Jersey	8,165	8,009	156	1.9
Balance of Middlesex County	New Jersey	495,823	488,443	7,380	1.5
Monmouth County	New Jersey	629,836	623,212	6,624	1.1
Allenhurst borough	New Jersey	709	709	-	-
Allentown borough	New Jersey	1,869	1,867	2	0.1
Asbury Park city	New Jersey	16,795	16,787	8	-
Atlantic Highlands borough	New Jersey	4,667	4,666	1	-
Avon-by-the-Sea borough	New Jersey	2,240	2,233	7	0.3
Belmar borough	New Jersey	6,005	5,995	10	0.2
Bradley Beach borough	New Jersey	4,792	4,776	16	0.3
Brielle borough	New Jersey	4,956	4,916	40	0.8
Deal borough	New Jersey	1,073	1,066	7	0.7
Eatontown borough	New Jersey	14,086	13,975	111	0.8
Englishtown borough	New Jersey	1,785	1,778	7	0.4
Fair Haven borough	New Jersey	5,963	5,924	39	0.7
Farmingdale borough	New Jersey	1,584	1,580	4	0.3
Freehold borough	New Jersey	11,507	11,485	22	0.2
Highlands borough	New Jersey	5,167	5,115	52	1.0
Interlaken borough	New Jersey	900	896	4	0.4
Keansburg borough	New Jersey	10,812	10,799	13	0.1
Keyport borough	New Jersey	7,519	7,514	5	0.1
Little Silver borough	New Jersey	6,153	6,134	19	0.3
Loch Arbour village	New Jersey	277	277	-	-
Long Branch city	New Jersey	31,571	31,343	228	0.7
Manasquan borough	New Jersey	6,364	6,316	48	0.8
Matawan borough	New Jersey	8,912	8,891	21	0.2
Monmouth Beach borough	New Jersey	3,614	3,596	18	0.5
Neptune City borough	New Jersey	5,205	5,196	9	0.2

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Oceanport borough	New Jersey	5,931	5,869	62	1.1
Red Bank borough	New Jersey	11,839	11,802	37	0.3
Roosevelt borough	New Jersey	937	930	7	0.8
Rumson borough	New Jersey	7,268	7,182	86	1.2
Sea Bright borough	New Jersey	1,804	1,803	1	0.1
Sea Girt borough	New Jersey	2,179	2,153	26	1.2
Shrewsbury borough	New Jersey	3,686	3,669	17	0.5
South Belmar borough	New Jersey	1,805	1,796	9	0.5
Spring Lake borough	New Jersey	3,658	3,611	47	1.3
Spring Lake Heights borough	New Jersey	5,252	5,225	27	0.5
Tinton Falls borough	New Jersey	15,709	15,595	114	0.7
Union Beach borough	New Jersey	6,773	6,746	27	0.4
West Long Branch borough	New Jersey	8,248	8,230	18	0.2
Balance of Monmouth Co.	New Jersey	390,222	384,767	5,455	1.4
Morris County	New Jersey	478,730	473,973	4,757	1.0
Boonton town	New Jersey	8,424	8,410	14	0.2
Butler borough	New Jersey	8,102	7,921	181	2.3
Chatham borough	New Jersey	8,436	8,414	22	0.3
Chester borough	New Jersey	1,654	1,641	13	0.8
Dover town	New Jersey	18,108	18,043	65	0.4
Florham Park borough	New Jersey	12,247	12,222	25	0.2
Kinnelon borough	New Jersey	9,447	9,363	84	0.9
Lincoln Park borough	New Jersey	10,867	10,853	14	0.1
Madison borough	New Jersey	15,356	15,318	38	0.2
Mendham borough	New Jersey	5,111	5,078	33	0.6
Morris Plains borough	New Jersey	5,221	5,211	10	0.2
Morristown town	New Jersey	18,831	18,766	65	0.3
Mountain Lakes borough	New Jersey	4,280	4,256	24	0.6
Mount Arlington borough	New Jersey	4,978	4,847	131	2.7
Netcong borough	New Jersey	3,282	3,194	88	2.8
Riverdale borough	New Jersey	2,537	2,499	38	1.5
Rockaway borough	New Jersey	6,431	6,418	13	0.2
Victory Gardens borough	New Jersey	1,533	1,530	3	0.2
Wharton borough	New Jersey	6,235	6,231	4	0.1
Balance of Morris County	New Jersey	327,650	323,758	3,892	1.2

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Passaic County	New Jersey	496,646	494,094	2,552	0.5
Bloomington borough	New Jersey	7,688	7,660	28	0.4
Clifton city	New Jersey	79,626	79,417	209	0.3
Haledon borough	New Jersey	8,377	8,330	47	0.6
Hawthorne borough	New Jersey	18,349	18,315	34	0.2
North Haledon borough	New Jersey	8,033	7,990	43	0.5
Passaic city	New Jersey	68,445	68,253	192	0.3
Paterson city	New Jersey	150,750	150,106	644	0.4
Pompton Lakes borough	New Jersey	10,897	10,694	203	1.9
Prospect Park borough	New Jersey	5,800	5,797	3	0.1
Ringwood borough	New Jersey	12,625	12,525	100	0.8
Totowa borough	New Jersey	10,010	9,959	51	0.5
Wanaque borough	New Jersey	10,368	10,335	33	0.3
West Paterson borough	New Jersey	11,200	11,114	86	0.8
Balance of Passaic County	New Jersey	94,478	93,599	879	0.9
Somerset County	New Jersey	309,886	304,737	5,149	1.7
Bernardsville borough	New Jersey	7,558	7,481	77	1.0
Bound Brook borough	New Jersey	10,195	10,151	44	0.4
Far Hills borough	New Jersey	899	880	19	2.2
Manville borough	New Jersey	10,449	10,362	87	0.8
Millstone borough	New Jersey	420	417	3	0.7
North Plainfield borough	New Jersey	21,189	21,094	95	0.5
Peapack and Gladstone borough	New Jersey	2,466	2,449	17	0.7
Raritan borough	New Jersey	6,379	6,347	32	0.5
Rocky Hill borough	New Jersey	666	661	5	0.8
Somerville borough	New Jersey	12,460	12,410	50	0.4
South Bound Brook borough	New Jersey	4,516	4,493	23	0.5
Watchung borough	New Jersey	5,913	5,677	236	4.2
Balance of Somerset County	New Jersey	226,776	222,315	4,461	2.0
Sussex County	New Jersey	148,680	146,522	2,158	1.5
Andover borough	New Jersey	660	658	2	0.3
Branchville borough	New Jersey	845	845	-	-
Franklin borough	New Jersey	5,207	5,185	22	0.4
Hamburg borough	New Jersey	3,386	3,314	72	2.2

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County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Hopatcong borough	New Jersey	15,980	15,941	39	0.2
Newton town	New Jersey	8,338	8,295	43	0.5
Ogdensburg borough	New Jersey	2,641	2,639	2	0.1
Stanhope borough	New Jersey	3,626	3,614	12	0.3
Sussex borough	New Jersey	2,158	2,150	8	0.4
Balance of Sussex County	New Jersey	105,839	103,881	1,958	1.9
Union County	New Jersey	530,763	527,479	3,284	0.6
Elizabeth city	New Jersey	123,279	122,223	1,056	0.9
Fanwood borough	New Jersey	7,283	7,229	54	0.7
Garwood borough	New Jersey	4,185	4,171	14	0.3
Kenilworth borough	New Jersey	7,769	7,728	41	0.5
Linden city	New Jersey	40,002	39,794	208	0.5
Mountainside borough	New Jersey	6,687	6,645	42	0.6
New Providence borough	New Jersey	12,045	11,989	56	0.5
Plainfield city	New Jersey	48,273	48,085	188	0.4
Rahway city	New Jersey	26,909	26,722	187	0.7
Roselle borough	New Jersey	21,539	21,457	82	0.4
Roselle Park borough	New Jersey	13,388	13,341	47	0.4
Summit city	New Jersey	21,335	21,239	96	0.5
Westfield town	New Jersey	30,028	29,851	177	0.6
Balance of Union County	New Jersey	168,041	167,005	1,036	0.6
Warren County	New Jersey	107,537	105,644	1,893	1.8
Alpha borough	New Jersey	2,498	2,493	5	0.2
Belvidere town	New Jersey	2,792	2,783	9	0.3
Hackettstown town	New Jersey	10,760	10,758	2	-
Phillipsburg town	New Jersey	15,245	15,244	1	-
Washington borough	New Jersey	6,777	6,736	41	0.6
Balance of Warren County	New Jersey	69,465	67,630	1,835	2.7



APPENDIX D, REGION 8 POPULATION MAPS

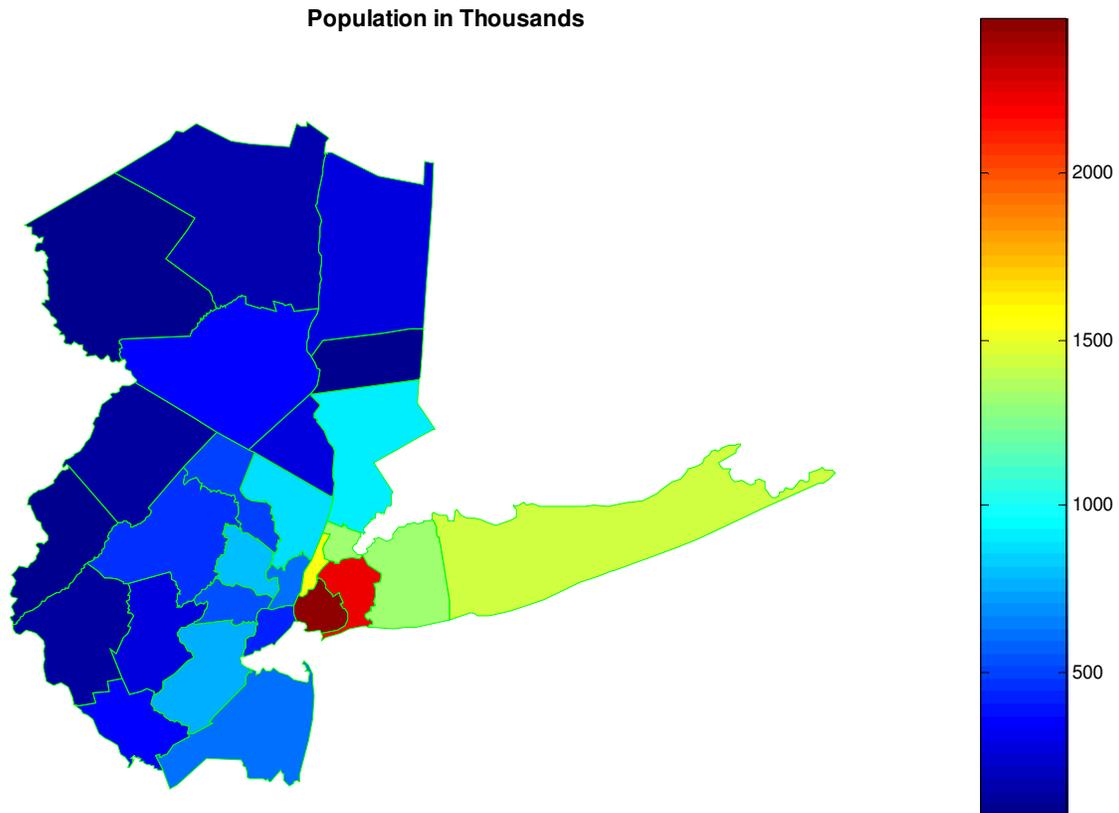


Figure 15, Region 8 Population in Thousands²³

²³ Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003

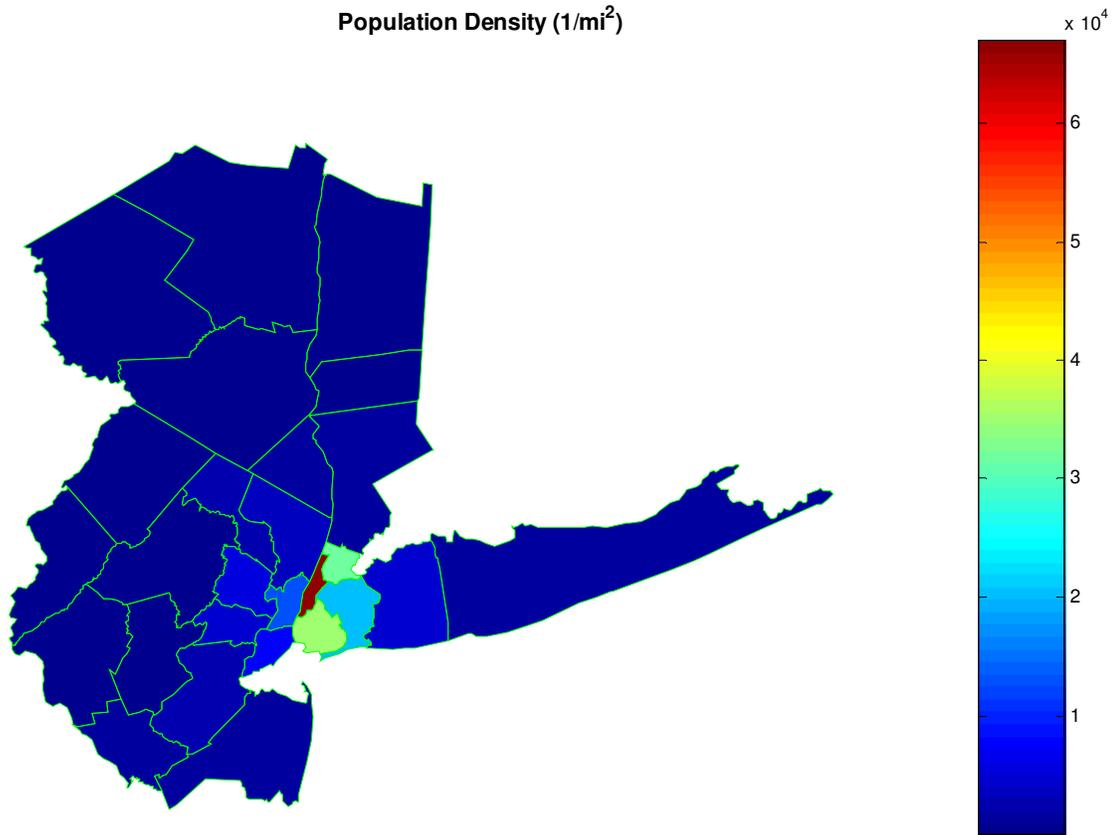


Figure 16, Region 8 Population Densities²⁴

²⁴ Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003



APPENDIX E, APPLICATION PACKAGE CHECKLIST

As described in Section 6, Application Requirements, 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 15 for the items that constitute a complete application package.

Table 15, Application Package Checklist

√	Item
	Completed FCC 601 form(s).
	Completed supplemental application requirements. Please refer to Appendix F, Supplemental Application Requirements.
	Completed Antenna Pattern Information Form for each antenna configuration employed (with azimuth and elevation patterns). Please refer to Appendix G.
	Completed Service Area Boundary Form. Please refer Appendix H.
	Signed Memorandum of Understanding (MOU) agreeing to implement system as proposed. Please refer to Appendix Q, 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.
	Eight (8) hard copies of the complete application package. Please refer to Section 6.
	Eight (8) electronic copies ²⁵ of the complete application package. Please refer to Section 6.

²⁵ Unless otherwise specified, the acceptable format will be CD-ROM or DVD-ROM. Other formats may be accepted upon written approval of the RPUC Chair.

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APPENDIX F, SUPPLEMENTAL APPLICATION 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 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).²⁶
- 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.²⁶
- 11) Indicate the transmit location (above ground, underground, or in-building).²⁶
- 12) Indicate the system modulation type (FDMA, TDMA, OFDM).²⁶

²⁶ Not assigned a point value in the application-scoring-matrix evaluation.



- 13) Provide details of all existing channels used by the applicant within 70 miles of the proposed system.²⁶
- 14) If spectrum identified by the applicant does not conform to the CAPRAD²⁷ pre-allotment channel plan, supply engineering exhibits demonstrating that the pre-allotment channels can be preserved if the application is granted by the Committee.

²⁷ 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.



APPENDIX G, ANTENNA PATTERN INFORMATION FORM

This form must be completed using the Region 8 Antenna Pattern Information Form (refer to Table 16, Horizontal Antenna Pattern and Table 17, Vertical Antenna Pattern). Please visit the RPC 8 website²⁸ or contact the Region 8 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 0° to 360° degrees, with 0° and 360° referenced at true North, and numbered clockwise (CW).

Vertical Antenna Pattern:

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

Table 16, Horizontal Antenna Pattern

Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
0	
1	
2	
3	
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²⁸ <http://www.nys-rpc.org/>

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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
12	
13	
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18	
19	
20	
21	
22	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
45	
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51	
52	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
78	
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84	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
111	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
144	
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150	
151	
152	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
177	
178	
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180	
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183	
184	
185	
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187	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
210	
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216	
217	
218	
219	
220	
221	
222	
223	
224	
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242	

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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
243	
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249	
250	
251	
252	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
309	
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318	
319	
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Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
342	
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Table 17, Vertical Antenna Pattern

Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-180	
-179	
-178	
-177	
-176	
-175	
-174	
-173	
-172	
-171	

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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-170	
-169	
-168	
-167	
-166	
-165	
-164	
-163	
-162	
-161	
-160	
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-158	
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-142	
-141	
-140	
-139	
-138	

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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-137	
-136	
-135	
-134	
-133	
-132	
-131	
-130	
-129	
-128	
-127	
-126	
-125	
-124	
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-122	
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-112	
-111	
-110	
-109	
-108	
-107	
-106	
-105	

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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-104	
-103	
-102	
-101	
-100	
-99	
-98	
-97	
-96	
-95	
-94	
-93	
-92	
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-72	

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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-71	
-70	
-69	
-68	
-67	
-66	
-65	
-64	
-63	
-62	
-61	
-60	
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-43	
-42	
-41	
-40	
-39	

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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-38	
-37	
-36	
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-33	
-32	
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-5	
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	
5	
6	
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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)
127	
128	
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134	
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Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
160	
161	
162	
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APPENDIX I, 700-MHz CHANNEL ALLOTMENT POOL AS DEFINED IN CAPRAD³⁰

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 19, which follows, for the channel block size, combiner spacing, and capacity options RPC 30 chose to employ for the repacked channel allotments.

Table 19, Channel Repacking Parameters

Channel Block Size	Combiner Separation	Capacity Option
25-kHz	125-kHz	Population Model

Table 20, Region 8 Channel Allotment Pool for New Jersey Counties

County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
Bergen	General Use	25-kHz	770.61250	257-260
	General Use	25-kHz	771.56250	409-412
	General Use	25-kHz	772.43750	549-552
	General Use	25-kHz	772.98750	637-640
	General Use	25-kHz	773.23750	677-680
	General Use	25-kHz	774.38750	861-864
	General Use	25-kHz	774.73750	917-920
Essex	General Use	25-kHz	770.03750	165-168
	General Use	25-kHz	771.21250	353-356
	General Use	25-kHz	771.71250	433-436
	General Use	25-kHz	772.08750	493-496
	General Use	25-kHz	772.88750	621-624
	General Use	25-kHz	773.91250	785-788
Hudson	General Use	25-kHz	769.76250	121-124
	General Use	25-kHz	770.76250	281-284
	General Use	25-kHz	771.88750	461-464
	General Use	25-kHz	772.26250	521-524
	General Use	25-kHz	774.63750	901-904

³⁰ <http://caprad.nlectc.du.edu/cp/index.jsp>

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County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
Hunterdon	General Use	25-kHz	770.28750	205-208
	General Use	25-kHz	771.38750	381-384
	General Use	25-kHz	772.53750	565-568
	General Use	25-kHz	72.91250	625-628
	General Use	25-kHz	773.38750	701-704
Mercer	General Use	25-kHz	771.03750	325-328
	General Use	25-kHz	771.31250	369-372
	General Use	25-kHz	771.58750	413-416
	General Use	25-kHz	772.03750	485-488
	General Use	25-kHz	772.41250	545-548
	General Use	25-kHz	773.68750	749-752
	General Use	25-kHz	774.71250	913-916
Middlesex	General Use	25-kHz	769.53750	85-88
	General Use	25-kHz	770.08750	173-176
	General Use	25-kHz	770.58750	253-256
	General Use	25-kHz	771.16250	345-348
	General Use	25-kHz	771.78750	445-448
	General Use	25-kHz	772.18750	509-512
	General Use	25-kHz	772.68750	589-592
	General Use	25-kHz	774.46250	873-876
Monmouth	General Use	25-kHz	769.78750	125-128
	General Use	25-kHz	771.23750	357-360
	General Use	25-kHz	771.53750	405-408
	General Use	25-kHz	772.46250	553-556
	General Use	25-kHz	773.43750	709-712
	General Use	25-kHz	773.96250	793-796
	General Use	25-kHz	774.21250	833-836
Morris	General Use	25-kHz	769.28750	45-48
	General Use	25-kHz	770.78750	285-288
	General Use	25-kHz	771.28750	365-368
	General Use	25-kHz	772.01250	481-484
	General Use	25-kHz	772.38750	541-544
Passaic	General Use	25-kHz	769.08750	13-16
	General Use	25-kHz	770.53750	245-248

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County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	771.46250	393-396
	General Use	25-kHz	772.33750	533-536
	General Use	25-kHz	772.76250	601-604
Somerset	General Use	25-kHz	769.58750	93-96
	General Use	25-kHz	770.83750	293-296
	General Use	25-kHz	771.86250	457-460
	General Use	25-kHz	772.23750	517-520
	General Use	25-kHz	772.96250	633-636
	General Use	25-kHz	774.41250	865-868
Sussex	General Use	25-kHz	769.33750	53-56
	General Use	25-kHz	772.13750	501-504
	General Use	25-kHz	772.63750	581-584
	General Use	25-kHz	773.21250	673-676
	General Use	25-kHz	773.71250	753-756
Union	General Use	25-kHz	770.26250	201-204
	General Use	25-kHz	771.41250	385-388
	General Use	25-kHz	772.73750	597-600
	General Use	25-kHz	773.46250	713-716
	General Use	25-kHz	774.68750	909-912
Warren	General Use	25-kHz	769.81250	129-132
	General Use	25-kHz	770.86250	297-300
	General Use	25-kHz	771.33750	373-376
	General Use	25-kHz	771.61250	417-420
	General Use	25-kHz	773.13750	661-664

Table 21, Region 8 Channel Allotment Pool for New York State Counties

County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
Bronx	General Use	25-kHz	769.26250	41-44
	General Use	25-kHz	769.81250	129-132
	General Use	25-kHz	770.28750	205-208
	General Use	25-kHz	771.31250	369-372
	General Use	25-kHz	771.81250	449-452

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	772.21250	513-516
	General Use	25-kHz	772.71250	593-596
	General Use	25-kHz	773.48750	717-720
	General Use	25-kHz	773.93750	789-792
	General Use	25-kHz	774.18750	829-832
Dutchess	General Use	25-kHz	769.31250	49-52
	General Use	25-kHz	770.78750	285-288
	General Use	25-kHz	771.28750	365-368
	General Use	25-kHz	772.46250	553-556
	General Use	25-kHz	772.81250	609-612
	General Use	25-kHz	773.18750	669-672
	General Use	25-kHz	773.63750	741-744
	General Use	25-kHz	774.68750	909-912
Kings	General Use	25-kHz	769.31250	49-52
	General Use	25-kHz	769.56250	89-92
	General Use	25-kHz	770.11250	177-180
	General Use	25-kHz	770.56250	249-252
	General Use	25-kHz	770.81250	289-292
	General Use	25-kHz	771.01250	321-324
	General Use	25-kHz	771.26250	361-364
	General Use	25-kHz	771.51250	401-404
	General Use	25-kHz	771.76250	441-444
	General Use	25-kHz	772.31250	529-532
	General Use	25-kHz	772.56250	569-572
	General Use	25-kHz	772.81250	609-612
	General Use	25-kHz	773.18750	669-672
	General Use	25-kHz	773.63750	741-744
	General Use	25-kHz	773.98750	797-800
	General Use	25-kHz	774.43750	869-872
Nassau	General Use	25-kHz	770.36250	217-220
	General Use	25-kHz	771.13750	341-344
	General Use	25-kHz	771.38750	381-384
	General Use	25-kHz	771.63750	421-424
	General Use	25-kHz	771.91250	465-468

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	772.03750	485-488
	General Use	25-kHz	772.41250	545-548
	General Use	25-kHz	773.41250	705-708
	General Use	25-kHz	774.66250	905-908
	General Use	25-kHz	774.91250	945-948
New York	General Use	25-kHz	769.51250	81-84
	General Use	25-kHz	770.33750	213-216
	General Use	25-kHz	771.11250	337-340
	General Use	25-kHz	771.36250	377-380
	General Use	25-kHz	771.61250	417-420
	General Use	25-kHz	771.93750	469-472
	General Use	25-kHz	772.16250	505-508
	General Use	25-kHz	772.66250	585-588
	General Use	25-kHz	773.13750	661-664
	General Use	25-kHz	773.38750	701-704
	General Use	25-kHz	773.73750	757-760
	General Use	25-kHz	774.23750	837-840
	General Use	25-kHz	774.88750	941-944
Orange	General Use	25-kHz	769.78750	125-128
	General Use	25-kHz	771.16250	345-348
	General Use	25-kHz	772.18750	509-512
	General Use	25-kHz	772.68750	589-592
	General Use	25-kHz	774.46250	873-876
Putnam	General Use	25-kHz	770.83750	293-296
	General Use	25-kHz	771.86250	457-460
	General Use	25-kHz	772.23750	517-520
	General Use	25-kHz	772.96250	633-636
	General Use	25-kHz	773.43750	709-712
Queens	General Use	25-kHz	769.11250	17-20
	General Use	25-kHz	769.36250	57-60
	General Use	25-kHz	769.61250	97-100
	General Use	25-kHz	769.86250	137-140
	General Use	25-kHz	770.06250	169-172
	General Use	25-kHz	770.86250	297-300

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	771.18750	349-352
	General Use	25-kHz	771.43750	389-392
	General Use	25-kHz	771.68750	429-432
	General Use	25-kHz	771.98750	477-480
	General Use	25-kHz	772.36250	537-540
	General Use	25-kHz	772.61250	577-580
	General Use	25-kHz	772.86250	617-620
	General Use	25-kHz	773.88750	781-784
	General Use	25-kHz	774.48750	877-880
Richmond	General Use	25-kHz	771.06250	329-332
	General Use	25-kHz	771.83750	453-456
	General Use	25-kHz	772.51250	561-564
	General Use	25-kHz	772.93750	629-632
	General Use	25-kHz	774.13750	821-824
Rockland	General Use	25-kHz	771.66250	425-428
	General Use	25-kHz	772.06250	489-492
	General Use	25-kHz	772.58750	573-576
	General Use	25-kHz	772.83750	613-616
	General Use	25-kHz	773.16250	665-668
Suffolk	General Use	25-kHz	769.83750	133-136
	General Use	25-kHz	770.31250	209-212
	General Use	25-kHz	770.51250	241-244
	General Use	25-kHz	771.08750	333-336
	General Use	25-kHz	771.33750	373-376
	General Use	25-kHz	771.58750	413-416
	General Use	25-kHz	771.96250	473-476
	General Use	25-kHz	772.28750	525-528
	General Use	25-kHz	772.53750	565-568
	General Use	25-kHz	772.91250	625-628
	General Use	25-kHz	773.66250	745-748
	General Use	25-kHz	774.16250	825-828
General Use	25-kHz	774.71250	913-916	
Sullivan	General Use	25-kHz	769.26250	41-44
	General Use	25-kHz	769.51250	81-84

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	769.83750	133-136
	General Use	25-kHz	770.51250	241-244
	General Use	25-kHz	771.06250	329-332
	General Use	25-kHz	771.31250	369-372
	General Use	25-kHz	771.88750	461-464
	General Use	25-kHz	772.73750	597-600
	General Use	25-kHz	773.91250	785-788
	General Use	25-kHz	774.71250	913-916
Ulster	General Use	25-kHz	769.36250	57-60
	General Use	25-kHz	769.61250	97-100
	General Use	25-kHz	770.03750	165-168
	General Use	25-kHz	770.36250	217-220
	General Use	25-kHz	771.01250	321-324
	General Use	25-kHz	771.43750	389-392
	General Use	25-kHz	771.58750	413-416
	General Use	25-kHz	771.83750	453-456
	General Use	25-kHz	772.03750	485-488
	General Use	25-kHz	772.28750	525-528
	General Use	25-kHz	772.53750	565-568
	General Use	25-kHz	772.86250	617-620
	General Use	25-kHz	773.48750	717-720
	General Use	25-kHz	774.23750	837-840
	General Use	25-kHz	774.91250	945-948
Westchester	General Use	25-kHz	770.01250	161-164
	General Use	25-kHz	771.03750	325-328
	General Use	25-kHz	771.48750	397-400
	General Use	25-kHz	771.73750	437-440
	General Use	25-kHz	772.11250	497-500
	General Use	25-kHz	772.48750	557-560
	General Use	25-kHz	772.78750	605-608
	General Use	25-kHz	773.68750	749-752



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APPENDIX J, FLOWCHART SYMBOL LEGEND

Table 22, Symbol Legend³¹ 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.

³¹ Reference: Patton & Patton Software Corporation – *Basic Flowchart Symbols*



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APPENDIX K, ADJACENT REGION CONCURRENCE APPROVAL REQUESTS³²

Region 19, New England

**NEW YORK/NEW JERSEY
FCC Region 8 700-MHz
REGIONAL PLANNING COMMITTEE**



FCC N.J. N.Y.

**Peter Meade, Chairman
Assistant Fire Marshal
Fire & Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501**

February 12, 2007

Mr. George J. Pohorilak
Chairman - Region 19 700- & 800-MHz Planning Committees
Office of Statewide Emergency Telecommunications
1111 Country Club Road
Middletown, Connecticut 06457-9294
PH: 860-685-8108
FX: 860-685-8363
Email: george.pohorilak@po.state.ct.us

Regarding: **WTB Docket 02-378: Interregional Concurrence Request for the Region¹ 8 700-MHz Public-Safety Communications Plan**

Dear Mr. Pohorilak:

On July 27, 2006 the Region 8 Committee submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use channels in the 764-776/794-806 MHz frequency band to Region 19 for concurrence in accordance with the FCC rules.

In addition to the contents of the Plan, Region 8 hereby submits the following addenda for concurrence:

- A revised Interregional Frequency-Coordination and Dispute-Resolution Procedure;
- A methodology to manage "Orphan Channels²;" and
- An explanation of why Region 8 proposes to use the Longley-Rice propagation model for coverage and interference-prediction.

¹ Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.

² A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

Enclosures
PWM/TCL

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³² At the time the adjacent-region concurrence process commenced, Mr. Peter W. Meade served as the RPC Chairperson.



Enclosed herewith please find the above mentioned addenda. The Regional Plan and addenda 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 8 Plan and Addenda

1. Set your web browser to the following URL:
<http://www.nys-rpc.org/>
2. Locate the "Region 8" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan and addenda; 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 8 would like to expedite your approval of the Regional Plan. Should Region 19 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 8 to attend the next Region 19 meeting to walk you through the Plan and to address your concerns.

Region 8 greatly appreciates your effort in expediting this process.

Respectfully submitted,



Peter Meade, Chairman Region 8 700 & 800-MHz Planning Committees
Assistant Fire Marshal
Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola NY 11501
PH: 516-571-6400
FX: 516-571-6407
Email: pmeade@nassaucountyny.gov

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

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE



FCC N.J. N.Y.

Peter Meade, Chairman
Assistant Fire Marshal
Fire & Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501

February 12, 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
PH: 302-739-9648
FX: 302-739-7243
Email: Richard.Reynolds@state.de.us

Regarding: WTB Docket 02-378: Interregional Concurrence Request for the Region¹ 8 700-MHz Public-Safety Communications Plan

Dear Mr. Reynolds:

On July 27, 2006 the Region 8 Committee submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use channels in the 764-776/794-806 MHz frequency band to Region 28 for concurrence in accordance with the FCC rules.

In addition to the contents of the Plan, Region 8 hereby submits the following addenda for concurrence:

- A revised Interregional Frequency-Coordination and Dispute-Resolution Procedure;
- A methodology to manage “Orphan Channels²,” and
- An explanation of why Region 8 proposes to use the Longley-Rice propagation model for coverage and interference-prediction.

¹ Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.

² A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

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Page 1 of 2



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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 8 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 8 to attend the next Region 28 meeting to walk you through the Plan and to address your concerns.

Region 8 greatly appreciates your effort in expediting this process.

Respectfully submitted,



Peter Meade, Chairman Region 8 700 & 800-MHz Planning Committees
Assistant Fire Marshal
Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
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Region 30, Eastern Upstate New York

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE



FCC N.J. N.Y.

Peter Meade, Chairman
Assistant Fire Marshal
Fire & Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501

February 12, 2007

David A. Cook
Chairman - Region 30 700 & 800-MHz Planning Committees
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
Email: david.cook@oft.state.ny.us

Regarding: WTB Docket 02-378: Interregional Concurrence Request for the Region¹ 8 700-MHz Public-Safety Communications Plan

Dear Mr. Cook:

On July 27, 2006 the Region 8 Committee submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use channels in the 764-776/794-806 MHz frequency band to Region 30 for concurrence in accordance with the FCC rules.

In addition to the contents of the Plan, Region 8 hereby submits the following addenda for concurrence:

- A revised Interregional Frequency-Coordination and Dispute-Resolution Procedure;
- A methodology to manage "Orphan Channels²," and
- An explanation of why Region 8 proposes to use the Longley-Rice propagation model for coverage and interference-prediction.

¹ Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.

² A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

Enclosures
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Page 1 of 2



Enclosed herewith please find the above mentioned addenda. The Regional Plan and addenda may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps below:

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3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan and addenda; 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 8 would like to expedite your approval of the Regional Plan Addenda. 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 8 to attend the next Region 30 meeting to walk you through the Plan and to address your concerns.

Region 8 greatly appreciates your effort in expediting this process.

Respectfully submitted,



Peter Meade, Chairman Region 8 700 & 800-MHz Planning Committees
Assistant Fire Marshal
Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
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PH: 516-571-6400
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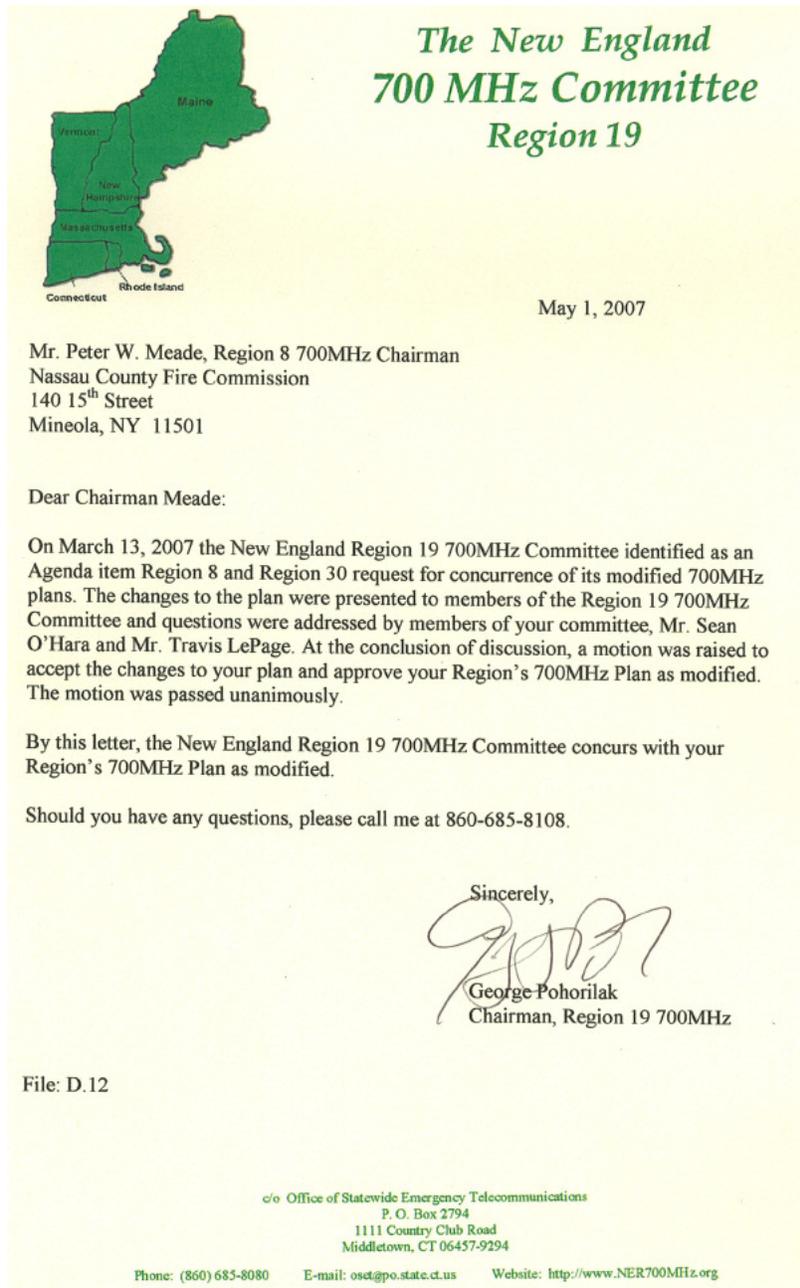
Enclosures
PWM/TCL

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APPENDIX L, ADJACENT-REGION CONCURRENCE APPROVALS³³

Region 19, New England



³³ At the time the adjacent-region concurrence process commenced, Mr. Peter W. Meade served as the RPC Chairperson.



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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
Raymond J. Hayling, II, Vice Chairman
Laurie R. Bailey, Secretary

VOICE: (302) 739-9648 FAX: (302) 739-7243
VOICE: (609) 984-6995 FAX: (609) 633-0557
VOICE: (610) 782-3087 FAX: (610) 782-3428

June 14, 2007

Regional Planning Committee 08
Mr. Peter W. Meade, Chairperson
Assistant Fire Marshal
Fire and rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501

RE: Region 28 concurrence with Region 08's 700 MHz plan

Dear Mr. Meade,

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 08 (New York & Northern New Jersey) 700 MHz plan. Region 28 has reviewed the 700 MHz Plan submitted by Region 08, 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 08 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, Chairman
Region 28 – 700 MHz RPC

RRR/self

Cc: **Maribel Martinez-Bradwell**
Secretary – Region 08 700 and 800 MHz Planning Committee
38 Dussault Drive
Latham, NY 12110



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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
Associate Director
NYS Office for Technology - SWN Project Office
74 North Pearl Street, 2nd Floor
Albany, New York 12207-2721
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FAX: (518) 474-7529
eFax: (408) 580-8498

March 5, 2007

Peter W. Meade, Chairman

Region 8 700 and 800 MHz Planning Committees
Assistant Fire Marshal - Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola New York 11501
Telephone: (516) 571-6400
FAX: (516) 571-6407
Email: pmeade@nassaucountyny.gov

Regarding: WTB Docket 02-378: Interregional Concurrence for the Region 8¹ 700-MHz Public-Safety Communications Plan and Addenda

Dear Mr. Meade:

Regional Planning Committee (RPC) 30 is in receipt of the proposed RPC 8 700-MHz Regional Plan and Addenda for the General Use Channels in the 764-776/794-806 MHz frequency band.

RPC 30, having fully reviewed the RPC 8 700-MHz Public-Safety Communications Plan and Addenda sends this letter to serve as the official, written concurrence for your proposed Plan.

Best Regards,

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

March 5, 2007

Date

cc: file

¹ Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.



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APPENDIX M, ADJACENT-REGION NOTIFICATION OF PLAN REVISIONS

Region 19, New England

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE

Regional Planning Committee:



William Gardner, Chairman

Region 8 700 and 800 MHz Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11980
Telephone: (631) 852-6431
FAX: (631) 852-6994
Email: bgc84@aol.com

February 4, 2008

Mr. George J. Pohorilak, Chairman
FCC RPC 19 700-MHz and 800-MHz NPSAC Planning Committees
Office of Statewide Emergency Telecommunications
1111 Country Club Road
Middletown, Connecticut 06457-9294
Telephone: (860) 685-8108
Fax: (860) 685-8363
Email: george.pohorilak@po.state.ct.us

In the Matter of)
FCC Regional Planning Committee (RPC) 8) WT Docket No. 02-378
Public-Safety Communications Plan for the) PSHS Docket No. 06-229
769- to 775-MHz and 799- to 805-MHz bands) FCC Docket No. 07-132

Dear Mr. Pohorilak:

On May 1, 2007, Regional Planning Committee (RPC) 19 granted interregional concurrence for the proposed RPC 8 700-MHz public-safety communications plan. However, on July 31, 2007, the FCC adopted the Second Report and Order, reallocating the 700-MHz public-safety spectrum to the 763- to 775-MHz and 793- to 805-MHz bands. 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).

Consequently, 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. In accordance with the Report and Order, RPC 8 has revised its proposed 700-MHz public-safety communications plan to reflect the restructured band.

In addition to the 700-MHz band reconfiguration revisions, Section 10 of the plan contains procedures to administer the Low-Power Interoperability Channels. Enclosed herewith, please find the Low-Power Interoperability Channel guidelines for your review. Should RPC 19 have any questions or concerns regarding the guidelines, please contact me at your earliest possible convenience, as RPC 8 plans to submit the proposed 700-MHz plan and guidelines to the FCC on February 29, 2008.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



For your convenience, RPC 8 has published the revised 700-MHz plan in its entirety on the New York State RPC Web site¹ and in the Computer Assisted Pre-coordination Resource and Database (CAPRAD)².

Respectfully,

William Gardner, Chairman

FCC RPC 8 700-MHz and 800-MHz NPSPAC Planning Committees

ENCLOSURE

WG/TCL

¹ http://www.nys-rpc.org/region_8/8_700_document_lib.html

² <http://caprad.nlectc.du.edu/cp/index.jsp>



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

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE

Regional Planning Committee:



William Gardner, Chairman

Region 8 700 and 800 MHz Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11980
Telephone: (631) 852-6431
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Email: bgc14@aol.com

February 4, 2008

Mr. Richard Reynolds, Chairman
FCC RPC 28 700-MHz and 800-MHz NPSPAC Planning Committees
Department of Technology and Information
801 Silver Lake Boulevard
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Telephone: (302) 739-9648
Fax: (302) 739-7243
Email: Richard.Reynolds@state.de.us

In the Matter of

FCC Regional Planning Committee (RPC) 8	)	WT Docket No. 02-378
Public-Safety Communications Plan for the	)	PSHS Docket No. 06-229
769- to 775-MHz and 799- to 805-MHz bands	)	FCC Docket No. 07-132

Dear Mr. Reynolds:

On June 14, 2007, Regional Planning Committee (RPC) 28 granted interregional concurrence for the proposed RPC 8 700-MHz public-safety communications plan. However, on July 31, 2007, the FCC adopted the Second Report and Order, reallocating the 700-MHz public-safety spectrum to the 763- to 775-MHz and 793- to 805-MHz bands. 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).

Consequently, 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. In accordance with the Report and Order, RPC 8 has revised its proposed 700-MHz public-safety communications plan to reflect the restructured band.

In addition to the 700-MHz band reconfiguration revisions, Section 10 of the plan contains procedures to administer the Low-Power Interoperability Channels. Enclosed herewith, please find the Low-Power Interoperability Channel guidelines for your review. Should RPC 19 have any questions or concerns regarding the guidelines, please contact me at your earliest possible convenience, as RPC 8 plans to submit the proposed 700-MHz plan and guidelines to the FCC on February 29, 2008.

Page 1 of 2

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



For your convenience, RPC 8 has published the revised 700-MHz plan in its entirety on the New York State RPC Web site¹ and in the Computer Assisted Pre-coordination Resource and Database (CAPRAD)².

Respectfully,

William Gardner, Chairman
FCC RPC 8 700-MHz and 800-MHz NPSPAC Planning Committees

ENCLOSURE

WG/TCL

¹ http://www.nys-rpc.org/region_8/8_700_document_lib.html

² <http://caprad.nlectc.du.edu/cp/index.jsp>



Region 30, Eastern Upstate New York

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE

Regional Planning Committee:



William Gardner, Chairman

Region 8 700 and 800 MHz Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11960
Telephone: (631) 852-6431
FAX: (631) 852-6994
Email: bgc14@aol.com

February 4, 2008

Mr. David Cook, Chairman
FCC RPC 30 700-MHz and 800-MHz NPSPAC Planning Committees
Chief, East Greenbush Fire Company
Telephone: (518) 956-2812
FAX: (518) 477-6085
eFax: (408) 580-8496
Email: dcook@fedeng.com

In the Matter of

FCC Regional Planning Committee (RPC) 8	)	WT Docket No. 02-378
Public-Safety Communications Plan for the)	
769- to 775-MHz and 799- to 805-MHz bands	)	PSHS Docket No. 06-229
	)	FCC Docket No. 07-132

Dear Mr. Cook

On March 5, 2007, Regional Planning Committee (RPC) 30 granted interregional concurrence for the proposed RPC 8 700-MHz public-safety communications plan. However, on July 31, 2007, the FCC adopted the Second Report and Order, reallocating the 700-MHz public-safety spectrum to the 763- to 775-MHz and 793- to 805-MHz bands. 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).

Consequently, 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. In accordance with the Report and Order, RPC 8 has revised its proposed 700-MHz public-safety communications plan to reflect the restructured band.

In addition to the 700-MHz band reconfiguration revisions, Section 10 of the plan contains procedures to administer the Low-Power Interoperability Channels. Enclosed herewith, please find the Low-Power Interoperability Channel guidelines for your review. Should RPC 19 have any questions or concerns regarding the guidelines, please contact me at your earliest possible convenience, as RPC 8 plans to submit the proposed 700-MHz plan and guidelines to the FCC on February 29, 2008.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



For your convenience, RPC 8 has published the revised 700-MHz plan in its entirety on the New York State RPC Web site¹ and in the Computer Assisted Pre-coordination Resource and Database (CAPRAD)².

Respectfully,

William Gardner, Chairman
FCC RPC 8 700-MHz and 800-MHz NPSPAC Planning Committees

ENCLOSURE

WG/TCL

¹ http://www.nys-rpc.org/region_8/8_700_document_lib.html

² <http://caprad.nlectc.du.edu/cp/index.jsp>



APPENDIX N, ADJACENT-REGION NOTIFICATION OF PLAN SUBMISSION³⁴

Region 19, New England

From: Travis LePage
Sent: Wednesday, March 26, 2008 10:22 AM
To: George.Pohorilak@po.state.ct.us
Cc: meliaa@apco911.org; mmartinez5@nycap.rr.com; Travis LePage; Bgct4@aol.com
Subject: RPC 8 700-MHz Plan Submission

In the Matter of)
FCC Regional Planning Committee (RPC) 8) WT Docket No. 02-378
)
Public-Safety Communications Plan for the) PSHS Docket No. 06-229
769- to 775-MHz and 799- to 805-MHz bands) FCC Docket No. 07-132

***** NOTE: This message is being sent by Travis C. LePage on behalf of William Gardner, FCC RPC 8 Chairman *****

Dear Chairman Pohorilak:

On February 4, 2008, I delivered to you (via FedEx with delivery confirmation) correspondence on behalf of Regional Planning Committee (RPC) 8 regarding its proposed 700-MHz Plan.

The correspondence identified that RPC 8 revised its proposed Plan in accordance with the Second Report and Order adopted by the FCC on July 31, 2007 and that procedures to administer the Low-Power Interoperability Channels were included.

Furthermore, the correspondence requested that should the above-mentioned revisions impact RPC 19's original concurrence determination, to contact me at your earliest possible convenience.

Having received no formal response from your Committee regarding Region 8's revisions, it is therefore understood that the revisions do not impact the original concurrence determination granted to RPC 8 from RPC 19 on May 1, 2007.

Should this understanding be inaccurate, please contact me at your earliest possible convenience. RPC 8 plans to submit its proposed 700-MHz Plan to the FCC in early April.

On behalf of RPC 8, I thank you for your attention to this matter. The proposed RPC 8 700-MHz plan is the result of the dedication and perseverance of everyone involved in its development, including our neighboring regions. We believe that this Plan best meets the needs and requirements of our public-safety community.

Respectfully,

William Gardner
FCC RPC 8 700 and 800-MHz Chairman

³⁴ The original concurrence determinations granted to RPC 8 from RPCs 19, 28, and 30 (refer to Appendix L) were not impacted due to the revisions incorporated in the proposed Plan to comply with the Second Report and Order adopted by the FCC on July 31, 2007 and the inclusion of the Low-Power Interoperability Guidelines.



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

From: Travis LePage
Sent: Wednesday, March 26, 2008 10:22 AM
To: Richard.Reynolds@state.de.us
Cc: meliaa@apco911.org; mmartinez5@nycap.rr.com; Travis LePage; Bgct4@aol.com
Subject: RPC 8 700-MHz Plan Submission

In the Matter of

FCC Regional Planning Committee (RPC) 8

**Public-Safety Communications Plan for the
769- to 775-MHz and 799- to 805-MHz bands**

) WT Docket No. 02-378
)
) PSHS Docket No. 06-229
)
) FCC Docket No. 07-132

***** NOTE: This message is being sent by Travis C. LePage on behalf of William Gardner, FCC RPC 8 Chairman *****

Dear Chairman Reynolds:

On February 4, 2008, I delivered to you (via FedEx with delivery confirmation) correspondence on behalf of Regional Planning Committee (RPC) 8 regarding its proposed 700-MHz Plan.

The correspondence identified that RPC 8 revised its proposed Plan in accordance with the Second Report and Order adopted by the FCC on July 31, 2007 and that procedures to administer the Low-Power Interoperability Channels were included.

Furthermore, the correspondence requested that should the above-mentioned revisions impact RPC 28's original concurrence determination, to contact me at your earliest possible convenience.

Having received no formal response from your Committee regarding Region 8's revisions, it is therefore understood that the revisions do not impact the original concurrence determination granted to RPC 8 from RPC 28 on June 14, 2007.

Should this understanding be inaccurate, please contact me at your earliest possible convenience. RPC 8 plans to submit its proposed 700-MHz Plan to the FCC in early April.

On behalf of RPC 8, I thank you for your attention to this matter. The proposed RPC 8 700-MHz plan is the result of the dedication and perseverance of everyone involved in its development, including our neighboring regions. We believe that this Plan best meets the needs and requirements of our public-safety community.

Respectfully,

William Gardner
FCC RPC 8 700 and 800-MHz Chairman



Region 30, Eastern Upstate New York

From: Travis LePage
Sent: Wednesday, March 26, 2008 10:22 AM
To: David Cook
Cc: meliaa@apco911.org; mmartinez5@nycap.rr.com; Travis LePage; Bgct4@aol.com
Subject: RPC 8 700-MHz Plan Submission

In the Matter of

FCC Regional Planning Committee (RPC) 8	)	WT Docket No. 02-378
Public-Safety Communications Plan for the	)	PSHS Docket No. 06-229
769- to 775-MHz and 799- to 805-MHz bands	)	FCC Docket No. 07-132

***** NOTE: This message is being sent by Travis C. LePage on behalf of William Gardner, FCC RPC 8 Chairman *****

Dear Chairman Cook:

On February 4, 2008, I delivered to you (via FedEx with delivery confirmation) correspondence on behalf of Regional Planning Committee (RPC) 8 regarding its proposed 700-MHz Plan.

The correspondence identified that RPC 8 revised its proposed Plan in accordance with the Second Report and Order adopted by the FCC on July 31, 2007 and that procedures to administer the Low-Power Interoperability Channels were included.

Furthermore, the correspondence requested that should the above-mentioned revisions impact RPC 30's original concurrence determination, to contact me at your earliest possible convenience.

Having received no formal response from your Committee regarding Region 8's revisions, it is therefore understood that the revisions do not impact the original concurrence determination granted to RPC 8 from RPC 30 on March 5, 2007.

Should this understanding be inaccurate, please contact me at your earliest possible convenience. RPC 8 plans to submit its proposed 700-MHz Plan to the FCC in early April.

On behalf of RPC 8, I thank you for your attention to this matter. The proposed RPC 8 700-MHz plan is the result of the dedication and perseverance of everyone involved in its development, including our neighboring regions. We believe that this Plan best meets the needs and requirements of our public-safety community.

Respectfully,

William Gardner
FCC RPC 8 700 and 800-MHz Chairman



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APPENDIX O, INTERREGIONAL FREQUENCY-COORDINATION AND DISPUTE-RESOLUTION APPROVAL REQUESTS³⁵

Region 19, New England

NEW YORK/NEW JERSEY
FCC Region 8 700-MHz
REGIONAL PLANNING COMMITTEE



FCC N.J. N.Y.

Peter Meade, Chairman
Assistant Fire Marshal
Fire & Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501

February 12, 2007

Mr. George J. Pohorilak
Chairman - Region 19 700- & 800-MHz Planning Committees
Office of Statewide Emergency Telecommunications
1111 Country Club Road
Middletown, Connecticut 06457-9294
PH: 860-685-8108
FX: 860-685-8363
Email: george.pohorilak@po.state.ct.us

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

Dear Mr. Pohorilak:

Region 8 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 interregional frequency-coordination and dispute-resolution procedures identified here.

Region 8 greatly appreciates your cooperation in expediting the approval of these procedures.

Should Region 19 have any questions or concerns regarding the information contained in the procedures, please notify me at your earliest possible convenience.

Respectfully submitted,

Peter Meade, Chairman Region 8 700- & 800-MHz Planning Committees
PH: 516-571-6400 FX: 516-571-6407

February 12, 2007

3

Version 2.0

³⁵ At the time the adjacent-region concurrence process commenced, Mr. Peter W. Meade served as the RPC Chairperson.



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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: 8, 19, 28, and 30.

II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 8, 19, 28, and 30, 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.

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.



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-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 8, 19, 28, and 30 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 8 Chairperson

Date

Region 19 Chairperson

Date

Region 28 Chairperson

Date

Region 30 Chairperson

Date



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

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE



Peter Meade, Chairman
Assistant Fire Marshal
Fire & Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501

February 12, 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
PH: 302-739-9648
FX: 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 8 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 interregional frequency-coordination and dispute-resolution procedures identified here.

Region 8 greatly appreciates your cooperation in expediting the approval of these procedures.

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

Respectfully submitted,

Peter Meade, Chairman Region 8 700- & 800-MHz Planning Committees
PH: 516-571-6400 FX: 516-571-6407

February 12, 2007

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Version 2.0



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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: 8, 19, 28, and 30.

II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 8, 19, 28, and 30, 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.

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.



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-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 8, 19, 28, and 30 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 8 Chairperson

Date

Region 19 Chairperson

Date

Region 28 Chairperson

Date

Region 30 Chairperson

Date



Region 30, Eastern Upstate New York

NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE



FCC N.J. N.Y.

Peter Meade, Chairman
Assistant Fire Marshal
Fire & Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, NY 11501

February 12, 2007

David A. Cook
Chairman - Region 30 700 & 800-MHz Planning Committees
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
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 8 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 interregional frequency-coordination and dispute-resolution procedures identified here.

Region 8 greatly appreciates your cooperation in expediting the approval of these procedures.

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

Respectfully submitted,

Peter Meade, Chairman Region 8 700- & 800-MHz Planning Committees
PH: 516-571-6400 FX: 516-571-6407

February 12, 2007

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Version 2.0



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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: 8, 19, 28, and 30.

II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 8, 19, 28, and 30, 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.

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



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(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.

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.



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-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 8, 19, 28, and 30 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 8 Chairperson

Date

Region 19 Chairperson

Date

Region 28 Chairperson

Date

Region 30 Chairperson

Date



APPENDIX P, INTERREGIONAL FREQUENCY-COORDINATION AND DISPUTE-RESOLUTION APPROVALS

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: 8, 19, 28, and 30.

II. INTERREGIONAL COORDINATION AGREEMENT

2. The following specific procedure for interregional coordination has been agreed upon by Regions 8, 19, 28, and 30, 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-dBμ co-channel contour or a 60-dBμ 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.

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.



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-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 8, 19, 28, and 30 do hereunto set their signatures the day and year first above written.

Respectfully,

Region 8 Chairperson

February 12, 2007

Date

Region 19 Chairperson

May 1, 2007

Date

Region 28 Chairperson

June 14, 2007

Date

Region 30 Chairperson

March 15, 2007

Date



APPENDIX Q, INTRAREGIONAL MEMORANDUM OF UNDERSTANDING

MEMORANDUM OF UNDERSTANDING

MEMORANDUM OF UNDERSTANDING between THE REGION 8 700-MHz APPLICANT (the "Applicant") and the FEDERAL COMMUNICATIONS COMMISSION REGION 8 700-MHz PLANNING COMMITTEE (RPC 8).

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 8 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 8

By: _____

By: _____

Printed Name: _____

Printed Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



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APPENDIX R, 700-MHz NARROWBAND CHANNEL PLAN

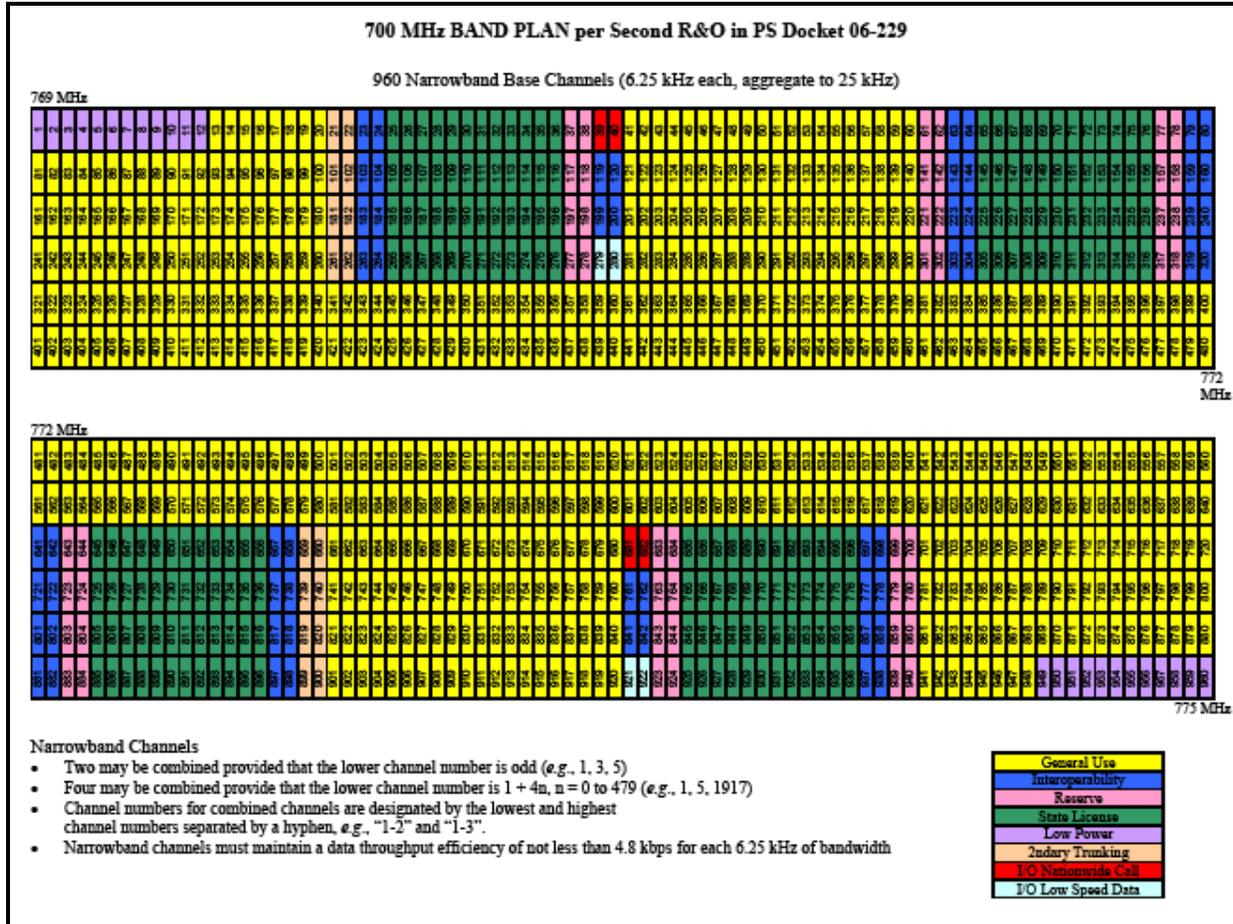
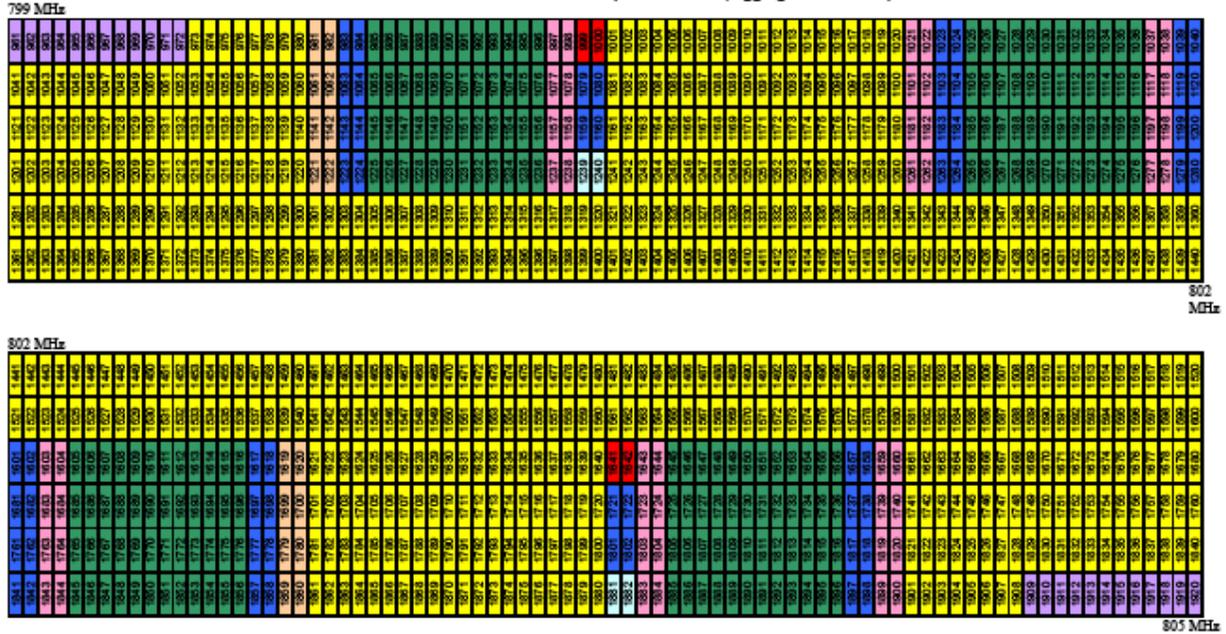


Figure 17, 700-MHz Narrowband Channel Plan (Downlink)



960 Narrowband Mobile Channels (6.25 kHz each, aggregate to 25 kHz)



Narrowband Channels

- Two may be combined provided that the lower channel number is odd (e.g., 1, 3, 5)
- Four may be combined provided 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
Auxiliary Trunking
I/O Nationwide Cell
I/O Low Speed Data

Figure 18, 700-MHz Narrowband Channel Plan (Uplink)



APPENDIX S, SPECTRUM USABILITY MAP FOR CHANNELS RELEASED

New York State Counties

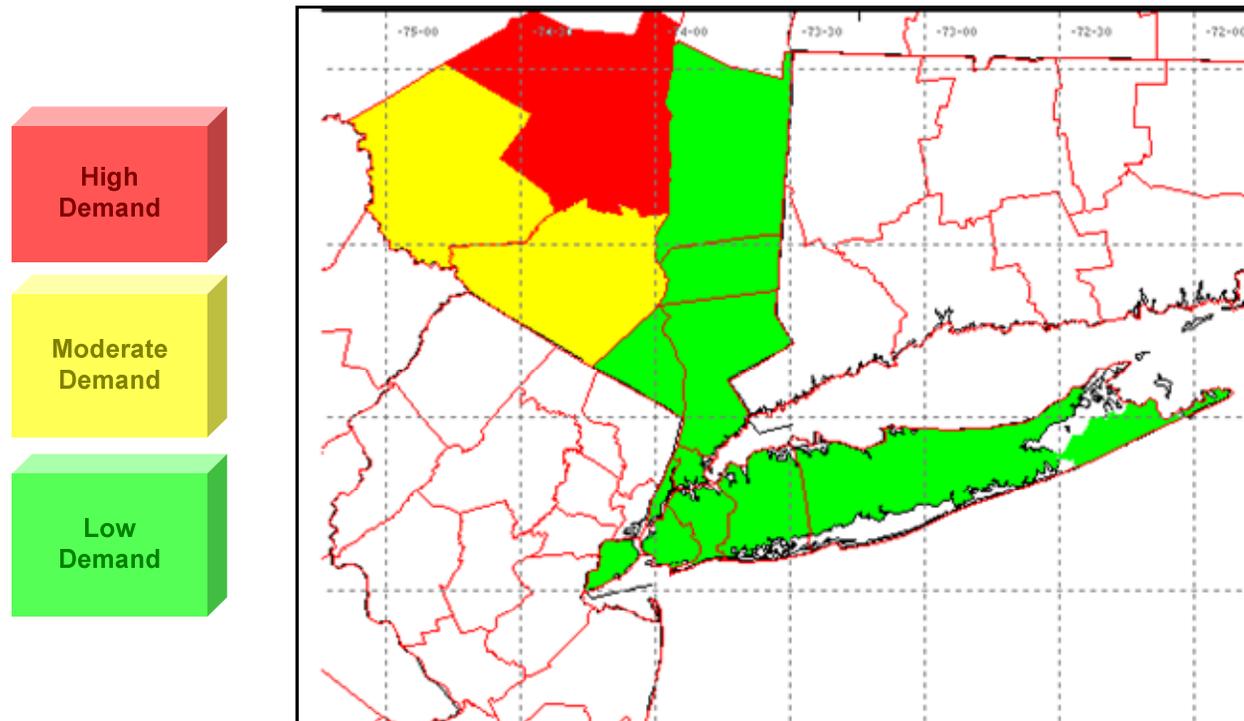


Figure 19, VHF - Low Band (25-50 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

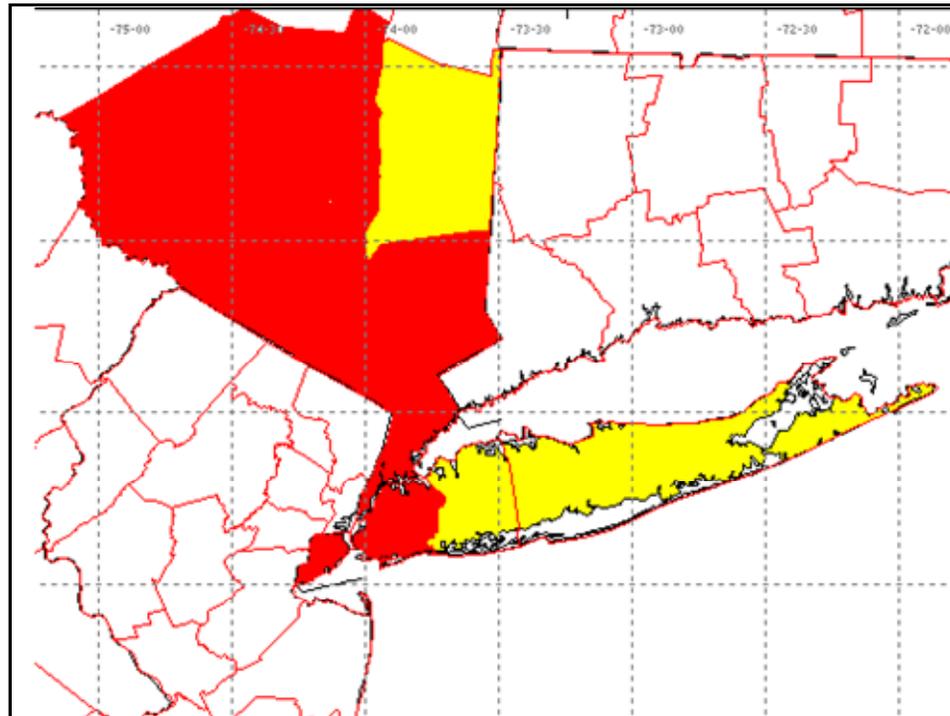


Figure 20, VHF - High Band (150-174 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

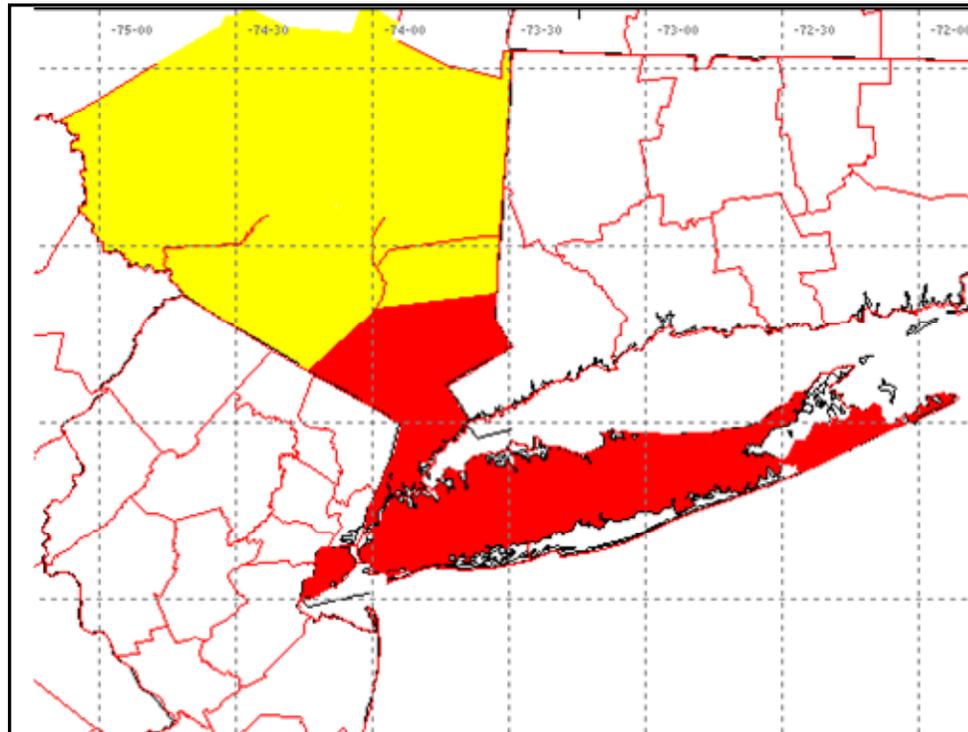


Figure 21, UHF Band (450-470 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

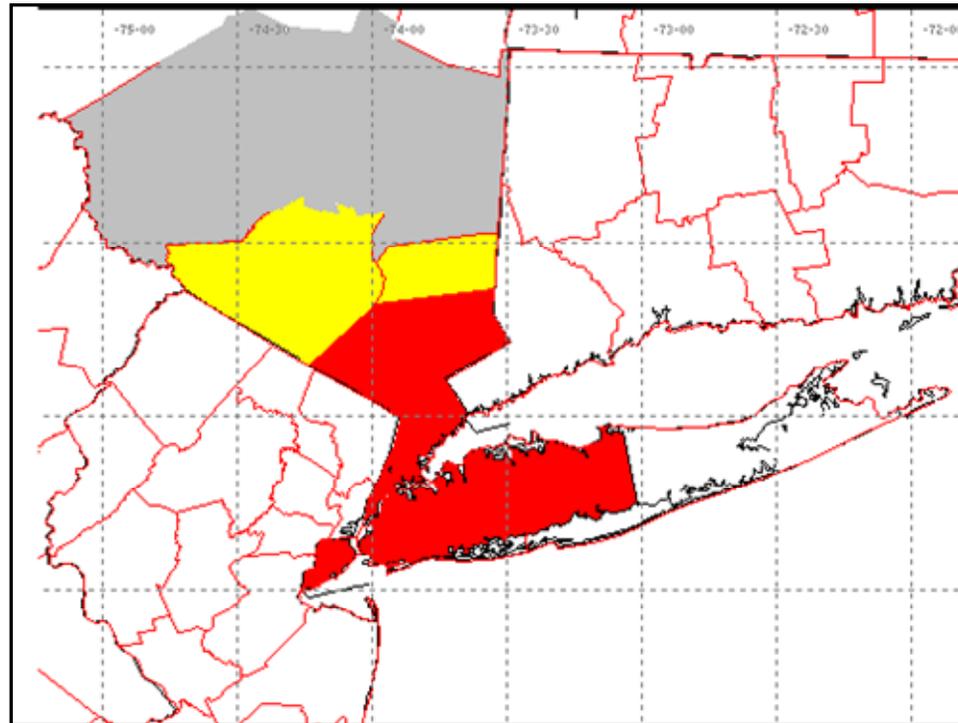


Figure 22, UHF T-Band (470-512 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

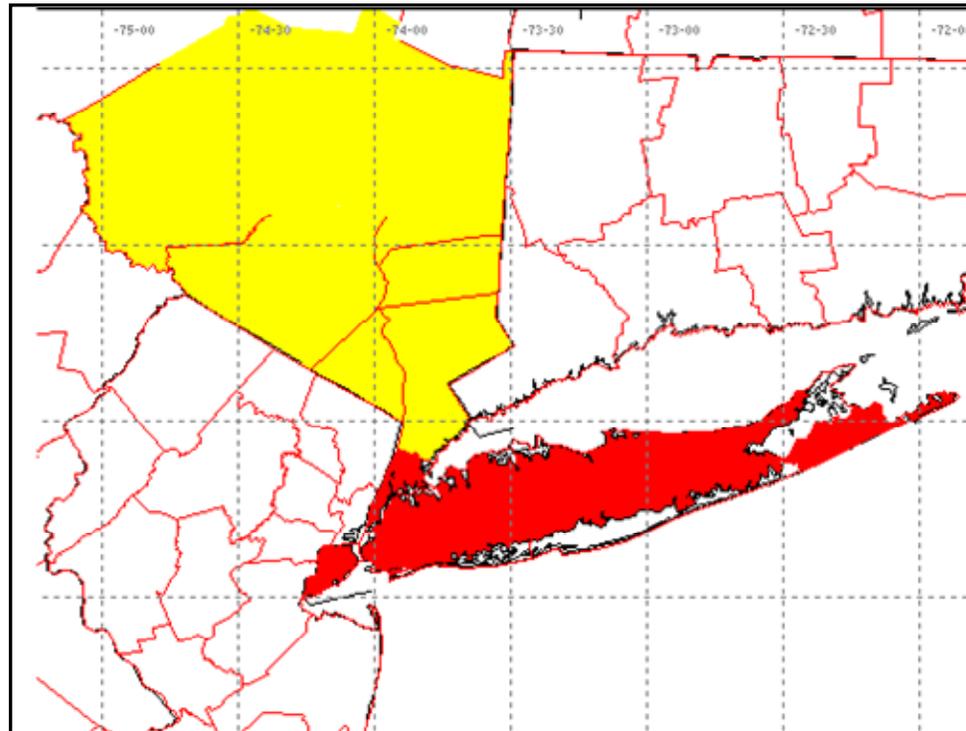


Figure 23, 800-MHz Band (806-824/851-869 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



New Jersey Counties

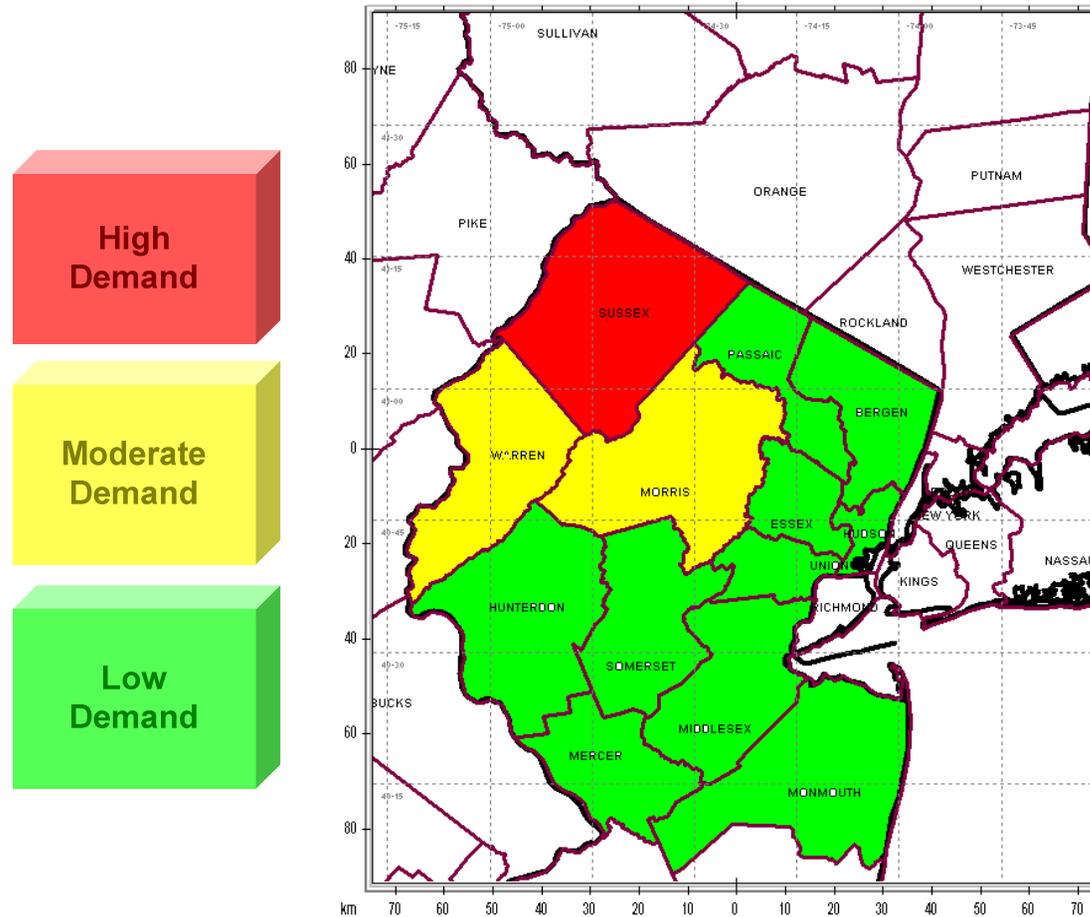


Figure 24, VHF - Low Band (25-50 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

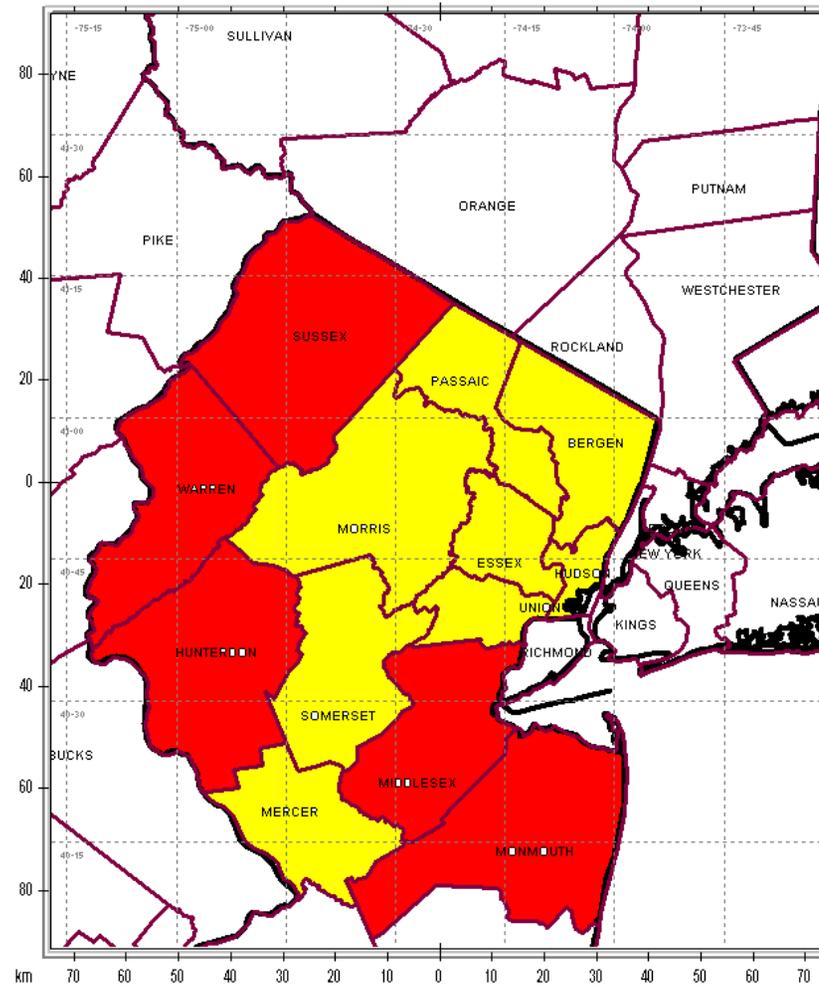


Figure 25, VHF - High Band (150-174 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

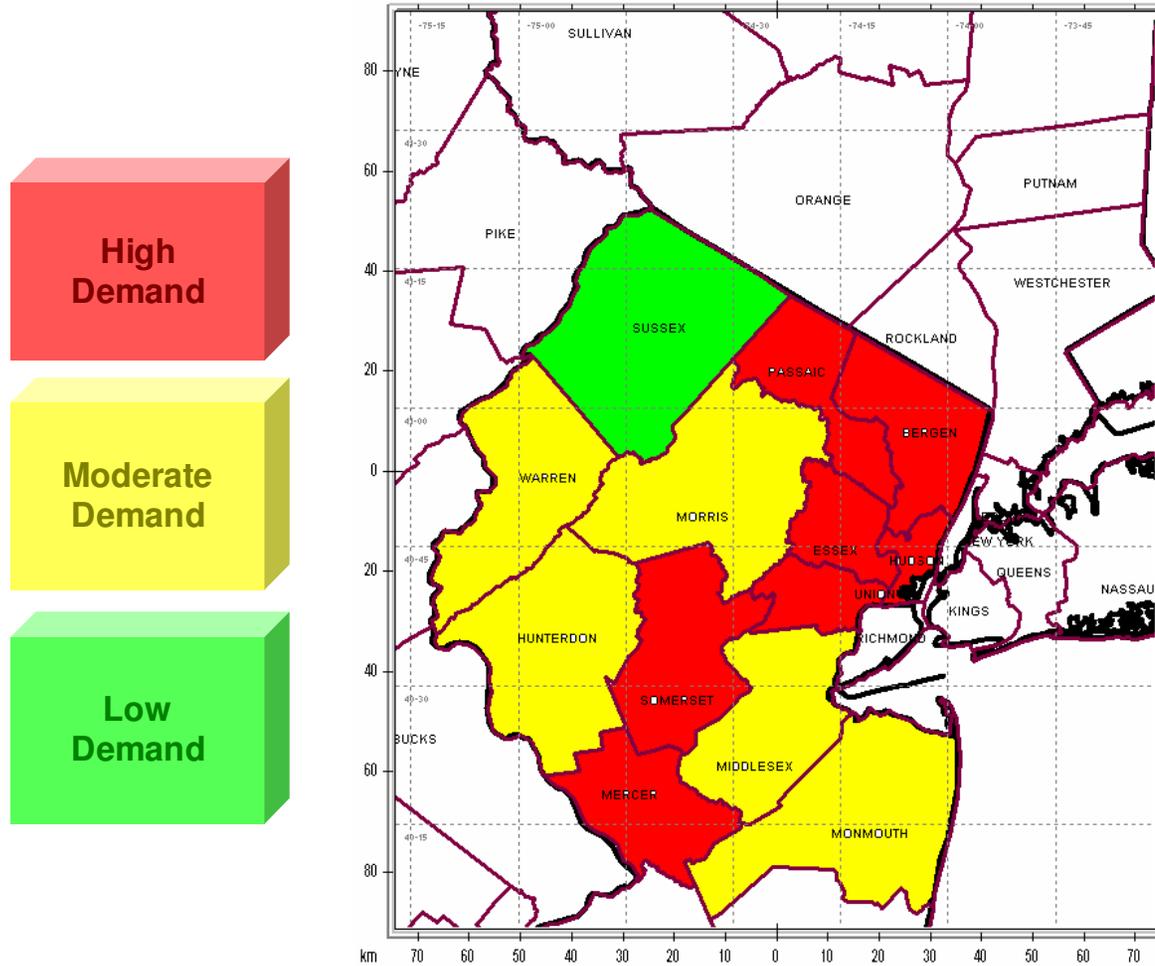


Figure 26, UHF Band (450-470 MHz)

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

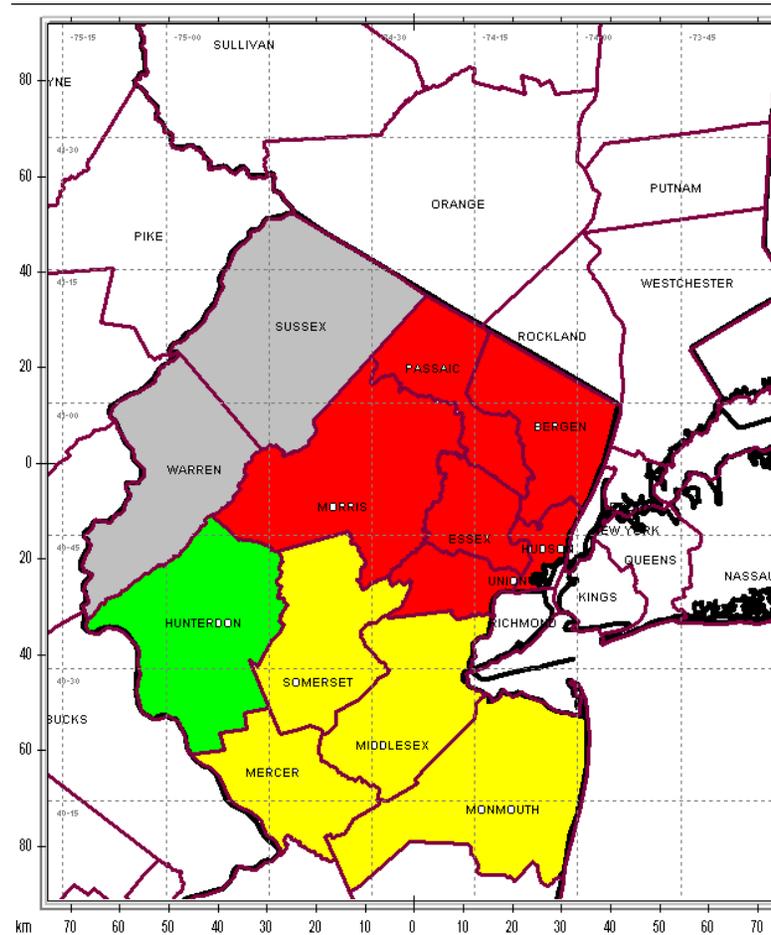


Figure 27, UHF T-Band (470-512 MHz)³⁶

³⁶ 500-MHz TV channels 19 and 20 may be employed in some areas in the western portion of New Jersey

FCC Region 8 – 700-MHz Plan

Regional Planning Committee

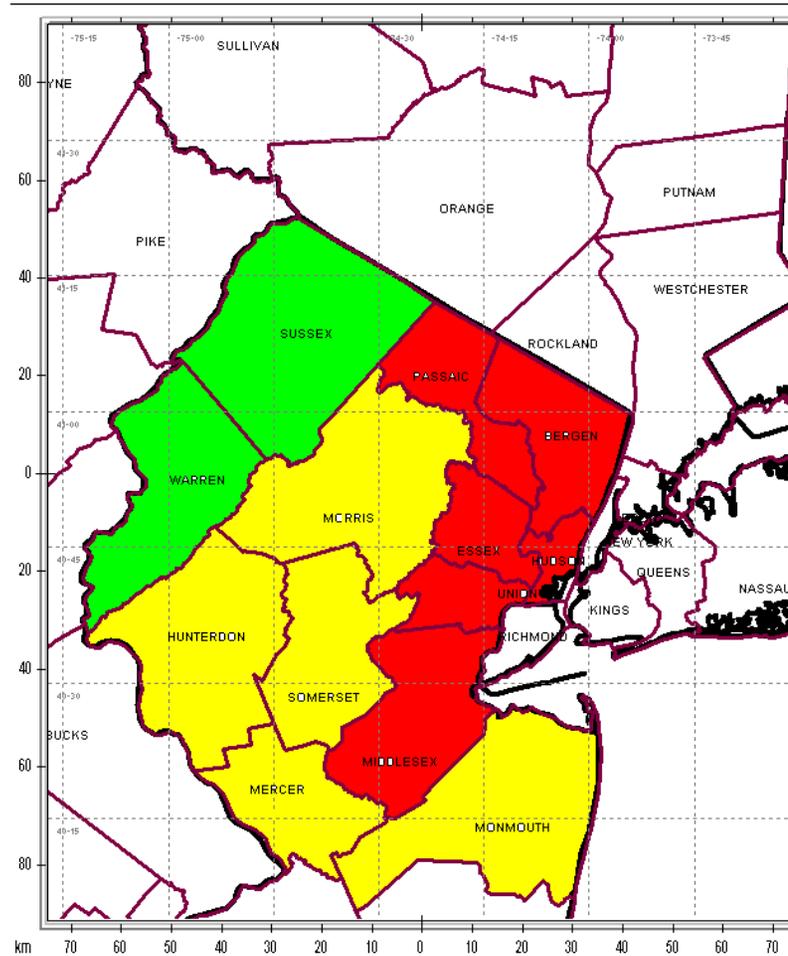


Figure 28, 800-MHz Band (806-824/851-869 MHz)



APPENDIX T, CFR 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)³⁷ 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, 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 29, CFR Structure.

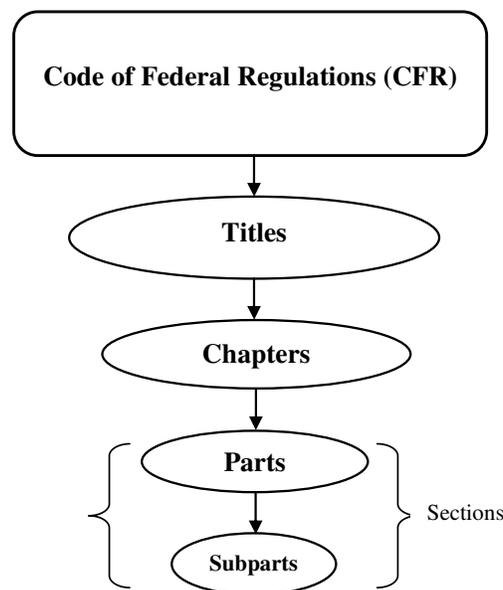


Figure 29, CFR Structure

³⁷ U.S. Government Print Office: <http://www.gpo.gov/>



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,
- 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 updates³⁸.

Quick-Reference Guide

Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services, is currently³⁹ comprised of 289 sections. Table 23 lists these sections and summarizes their contents.

Table 23, 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.

³⁸ U.S. Government Print Office CFR Updates: <http://www.gpoaccess.gov/lisa/index.html>

³⁹ As of October 1, 2005



Part/Section	Contents
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.
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.



Part/Section	Contents
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.
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.



Part/Section	Contents
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.
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.



Part/Section	Contents
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.
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.



Part/Section	Contents
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 <u>763-775 MHz and 793-805 MHz frequency bands</u>, 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.
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 <u>806-824/851-869 MHz and 896-901/935-940 MHz bands</u>, 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



Part/Section	Contents
	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.
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.



Part/Section	Contents
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.



Part/Section	Contents
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.
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.



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APPENDIX U, 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

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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

Sincerely,

Hanford C. Thomas, Jr.

cc: William F. Pelgrin
Enclosure



APPENDIX V, RPC PUBLIC MEETING NOTICES AND MINUTES⁴⁰

Certification

**NEW YORK/NEW JERSEY
FCC Region 8 700-MHz
REGIONAL PLANNING COMMITTEE**



William Gardner, Chairman

Region 8 700 and 800 MHz Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11960
Telephone: (631) 852-6431
FAX: (631) 852-6994
Email: bgc84@aol.com

April 24, 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
FCC Regional Planning Committee (RPC) 8
Public-Safety Communications Plan for the
769- to 775-MHz and 799- to 805-MHz bands

) WT Docket No. 02-378
)
) PSHS Docket No. 06-229
)
) 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,

William Gardner, Chairman
FCC RPC 8 700-MHz and 800-MHz NPSAC Planning Committees

⁴⁰ Presentations given at the RPC meetings can be obtained by contacting the Region 8 Secretary.



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January 23, 2002 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 01-2742
November 23, 2001

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) 700 MHz PUBLIC SAFETY PLANNING COMMITTEE ANNOUNCES FIRST MEETING

The Region 8 (New York – Metropolitan area) 700 MHz Public Safety Planning Committee announces that its first meeting will be held on Wednesday, January 23, 2002, at 10:00 a.m. at the Nassau County Police Public Assembly Hall, 1490 Franklin Avenue, Mineola, New York. The New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey. 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, and
5. Review 700 MHz band development to date.

The Region 8 (New York – Metropolitan area) 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 – Metropolitan area would utilize these frequencies. It is essential that participants be representatives of all eligible public safety providers 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

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



spectrum in the 764-776 and 744-806 MHz band within Region 8 should plan to attend. For further information, please contact:

John C. Gallagher
Suffolk County Police Commissioner
30 Yaphank Avenue,
Yaphank, New York 11980
(631) 852-6079 (voice)
(631) 852-6324 (fax)
email: gallagherjc@co.suffolk.ny.us

– FCC –



January 23, 2002 Meeting Report

New York/New Jersey FCC Region 8 Convening Meeting of 700 MHz Regional Planning Committee

- CONVENER:** John C. Gallagher, Police Commissioner
Suffolk County Police Department
- DATE/TIME:** Wednesday, January 23, 2002 / 10:00 AM
- LOCATION:** Nassau County Police Public Assembly Hall
1490 Franklin Avenue
Mineola, New York
- DIRECTIONS:** LIRR to Mineola RR Station; south on Franklin Ave. to Nassau County Police Headquarters
Jericho Tpk. (route 25) to Mineola Blvd.; south on Blvd. To Franklin Ave. to Nassau County Police Headquarters
Old Country Road to Franklin Ave.; south on Franklin Ave. to Nassau County Police Headquarters
Long Island Expressway to exit 37; south on Willis Ave. to (***)
Northern State Pkwy. To exit 28; south on Willis Ave. to (***)
(***) Old Country Road westbound to Franklin Ave. southbound to Nassau County Police Headquarters

AGENDA

Introductions

Meeting called to order at 10:12 AM.

Vincent Stile opened the meeting by first thanking Nassau County Police for hosting the meeting. He then introduced several members of the Region 8 800-MHz Regional Planning Committee. Among the members were Deputy Chief ..., Inspector Mounti, Chief Tolli, and Sergeant Armhofer-Chairman of Region 8 (821-824 MHz Spectrum Chair. Also Chief Peter Meade, Robert Schlieman of NYSP, Maribel Martinez of NYS, and 2-R19 Members.

Stile introduced the Region 8 700-MHz RPC convener, Suffolk County Police Commissioner John C. Gallagher.

Commissioner Gallagher provided a 700-MHz Band historical update. He indicated that, in 1997, Congress designated 24 MHz of spectrum in this band for Public Safety use.



The spectrum would be made available from Channels 60-69. Many TV stations were required to give up their analog stations.

He indicated that a meeting with FCC Chairman was held regarding problems faced in Portland and Phoenix (Nextel interference).

The regional planning committee will begin the process of creating a Regional Plan for the 700-MHz band.

Recording Secretary Appointment

Before appointing a recording Secretary and a Treasurer, V. Stile made some general comments:

He stressed that the reason for not moving ahead with 700 MHz as expected is due that TV stations need to be moved out of the band before we can make use of it.

We currently have co-channel and adjacent channel interference issues.

Currently APCO is trying to resolve with the FCC the establishment of a firm date for TV stations to vacate the spectrum. They are also seeking congressional support.

Stile recommended one voter per agency for electing R8 700-MHz officials. He nominated Maribel Martinez as recording secretary. No other nominations were made. Ms Martinez was unanimously elected as recording secretary for the R8 700-MHz RPC.

Stile nominated Jim Hasser, who was not present, as treasurer. No other nominations were made. Mr. Hasser was unanimously elected as treasurer for the R8 700-MHz RPC.

Election of Chairman

Vincent Stile nominated Chief Peter Meade for chairman. No other nominations were made. Mr. Meade was unanimously elected as Chairman of the R8 700-MHz RPC.

Election of Vice-Chairman

Stile nominated Mr. Anthony Camilia from Essex County for Vice Chair. No other nominations were made. Mr. Camilia was unanimously elected as Vice Chair of the R8 700-MHz RPC.

Regional Planning Committee (RPC) process

Chief Peter Meade, elected chairman, indicated that we need to develop a well-thought-out plan for the 700-MHz band in this Region. He also indicated that the starting point would be to establish working groups and a meeting schedule to develop bylaws and then proceed to develop the plan.



Review of 700-MHz Band developments to date

The Commission and the NCC web sites have examples of both the bylaws and plan. Stile invited everyone present to review them and provide their input in the next meeting. <http://wireless.fcc.gov/publicsafety/700MHz/>

Plan Development Sub-Committees establishment

Region 19 indicated that an electronic copy of its bylaws is available on their web site.

Create meeting schedule

Next meeting was scheduled for April 24, 2002 at 10:00 AM in TBD location in NJ. Vice Chair will advise the committee of the meeting location.

Public comments

Homeland Emergency Response Operations Act HR337 is an act that proposes making 2006 as cutoff date for 700-MHz spectrum band to be made available for PS use.

R19 member indicated that they look forward to working with this Region to solving any regional border issues that may arise during the process. He also indicated he foresees full cooperation between both Regions.

Adjourn

Meeting adjourned at 11:00 AM.



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May 1, 2002 Public Meeting Notice

THOMAS R. SUOZZI
COUNTY EXECUTIVE



THOMAS E. TILLEY
FIRE MARSHAL

**OFFICE OF THE FIRE MARSHAL
FIRE COMMUNICATIONS CENTER
140 15TH STREET
MINEOLA, NEW YORK 11501-4808
516-571-6400
FAX: 516-571-6408**

MEETING NOTICE

FCC REGION 8 - 700 MHZ PUBLIC SAFETY PLANNING COMMITTEE

THE SUBJECT COMMITTEE WILL HOLD ITS FIRST ACTION MEETING ON:

**WEDNESDAY, MAY 1, 2002
AT 10:00 AM
AT THE BERGEN COUNTY (NJ)
POLICE & FIRE ACADEMY
281 CAMPGAW ROAD
MAHWAH, NJ**

- AGENDA:**
- 1. ADOPT BYLAWS**
 - 2. APPOINT A TECHNICAL COMMITTEE**
 - 3. DISCUSS DRAFT PLAN**
 - 4. SET DATE AND PLACE OF NEXT MEETING**
 - 5. COMMENTS/SUGGESTIONS**
 - 6. ADJOURNMENT**

DIRECTIONS ARE ENCLOSED. PLEASE CALL THE ACADEMY DIRECTLY WITH ANY QUESTIONS ABOUT THE LOCATION. PLEASE CALL ME WITH ANY OTHER QUESTIONS.

**PETER W. MEADE
CHAIRMAN**



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May 1, 2002 Meeting Report

**New York/New Jersey
FCC Region 8 700-MHz
Regional Planning Committee
Wednesday, May 01, 2002
Bergen County (NJ) Police and Fire Academy
281 Campgaw Road, Mahwah, NJ**

Meeting called to order at 10:05AM, by Peter W. Meade, Chairman.

An attendance roster was circulated, copy attached.

The chair indicated that copies of the following documents were available:

- Previous Meeting Notes

- Bylaws Template

- Regional Plan Template

- R19 of approved Bylaws

Notes of the January 23, 2002 Meeting were reviewed. A motion to approve these as submitted was made by Anthony Melia and seconded by Robert Schlieman. The motion was unanimously approved.

Meade indicated that the Treasurer, Jim Hassett, is not able to take that position due to a change in jobs. Therefore, the committee will need to elect a new treasurer.

Draft Bylaws were reviewed. See Bylaws DRAFT.

Robert Gallagher, Westchester County, indicated that he was not eligible for voting, but he feels that other public safety entities within his county would have no problem with having him vote on necessary issues. It was clarified that he would not need anything in writing due to the fact that he belongs to a public safety entity, which is eligible to hold an FCC radio license.

Robert Schlieman suggested that voting status should require that members have knowledge of what the Regional planning committee is currently working on. He suggested that in order to vote, a member must have attended at least two of the preceding meetings.

Gregory Caronia moved to adopt these bylaws and make them available at the next meeting. The motion was seconded by Robert Schlieman. The motion was approved.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



The Chair appointed a Technical Committee.

The chair suggested that the technical committee have its own chairman. The chair circulated a sign up sheet for the technical committee. Voting and non-voting members are welcome to join the technical committee. Members of the Technical Committee are:

Anthony Melia, ECSO and APCO LFA/NJ

Sean O'Hara, SRC, Consultant to NYS

Tom Leonard, NYSEMO

Leo Guilmette, NYSEMO

Robert Schlieman, NYS SWN

Maribel Martinez, NYS SWN

William Gardner, SCPD

Thomas Shuler, SSI - Consultant

Vincent Stile, SCPD and APCO LFA/SNY

Mary Tornetta, SCPD and Alternate APCO LFA/SNY

Draft Plan Discussion: Region 5 (California) and Region 19 (New England) were discussed. The Regional Plan Template was reviewed, and it was pointed out that some items need revision.

The next meeting is scheduled for June 27, 2002 at 11:00 AM - 2:00 PM in Nassau County Police Headquarters in Minneola. Everyone on list shall be notified. Peter Meade will mail notification letters, and Martinez will take care of sending notifications via email.

Meeting adjourned at 12:43 P.M. on a motion by Anthony Melia, seconded by Leo Guilmette.



November 6, 2002 Public Meeting Notice

**NEW YORK/NEW JERSEY
FCC REGION 8 700 MHZ
REGIONAL PLANNING COMMITTEE**

MEETING NOTICE

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE / TIME: Wednesday, November 6, 2002 at 10:30 am

LOCATION: Nassau County Police Headquarters
1490 Franklin Avenue
Mineola NY

DIRECTIONS: LIRR to Mineola RR Station; south on Franklin Ave. to Nassau County Police Headquarters
Jericho Tpk. (route 25) to Mineola Blvd.; south on Blvd. To Franklin Ave. to Nassau County Police Headquarters
Old Country Road to Franklin Ave.; south on Franklin Ave. to Nassau County Police Headquarters
Long Island Expressway to exit 37; south on Willis Ave. to (***)
Northern State Pkwy. To exit 28; south on Willis Ave. to (***)
(***) Old Country Road westbound to Franklin Ave. southbound to Nassau County Police Headquarters

AGENDA:

- 1. Review And Approve Previous Meeting Report**
- 2. Distribute Bylaws**
- 3. Appoint Treasurer**
- 4. Draft Regional Plan**

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



- 5. Creation of RPUC**
- 6. New Business/Comments**
- 7. Schedule Next Meeting**
- 8. Adjourn**



November 6, 2002 Meeting Report

New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Wednesday, November 6, 2002 at 10:30 AM

LOCATION: Nassau County Police Headquarters
1490 Franklin Avenue
Mineola, NY

1. The meeting was called to order at 10:20 AM.

Deputy Inspector Monte Gerbush and Inspector Steve McDonald were introduced.

2. A motion to approve May 1, 2002 meeting notes was made by Bill Gardner, seconded by Vincent Stile. The previous meeting notes were unanimously approved.

The chair indicated that copies of the Bylaws were available.

3. Due to the inability of Jim Hassett to serve as treasurer, the chair noted that we have not applied for Funding from NPSTC/NIJ for the committee. Vincent Stile reported that APCO Atlantic Chapter serves as the "bank" for Region 19. He believes this RPC can also use the Atlantic Chapter for this purpose as well.

Schlieman nominated Bill Gardner to serve as Treasurer to replace Hassett. Stile volunteered to assist him in this role.

4. Meade indicated that, during the last meeting, we briefly discussed the National Plan template and established that the states of NJ and NY will manage the interoperability channels for this band through their SIECs.

Work continued on development of the 700-MHz Regional Plan. See the attached draft for additional comments.

The NCC Interoperability subcommittee has recommended that default use of interoperability channels be based on operational discipline (e.g. Fire, Police, EMS, and Government) for the 700-MHz band. Schlieman clarified that the NCC interoperability subcommittee is proposing uniformity for identifying the channels on a national basis. The commission has initially declined to incorporate this recommendation into a



regulation. Currently the subcommittee is working on a second iteration. The purpose is to have common nomenclature for the channels in order to facilitate interoperability and eliminate confusion when large-scale mutual-aid events occur.

Schlieman presented the table of interoperability channels that the NCC Interoperability Subcommittee is proposing to the Commission. He explained how these channels would be used.

The chair asked if slow-speed data is possible on narrowband channels. Schlieman responded that slow-speed data on a narrowband channel is possible. He mentioned that high-speed data should be thought of together in terms of the wideband channels. FCC regulations address the CAI (including encryption) for data transmission. Data applications have not been standardized. We need to establish operational requirements for interoperability data in order to standardize applications.

Schlieman clarified that the calling channels are strictly conventional. Some of the interoperability tactical channels are available for trunking use on a secondary basis under the FCC rules subject to regional planning committee approval. The State Interoperability Executive Committee will establish procedures for using the 700-MHz Interoperability channels. The goal will be to establish a stronger operational control over the use of the interoperability channels, something the 800-MHz RPC did not succeed with.

At the next meeting we will continue regional plan development at the *Calling Channels Section*.

Sean O'Hara presented "700-MHz" and "*Generation of Initial Pool Allotments for the 700-MHz Pre-Coordination Database*." A copy of this presentation is included as a CD-ROM attachment to these minutes. (Region 8 700-MHz Regional Planning Committee 700 MHz and Generation of Initial Pool Allotments for the 700-MHz pre-coordination database (CAPRAD) presentations_021106)

5. New Business/Comments

Vinny reported that as a result of September 11, 2001, Nassau County, NYC, and Suffolk County have proposed an interoperability plan and are seeking funding from FEMA.

The next meeting was tentatively scheduled for January 9, 2003 at 10:00 AM. [This meeting was subsequently rescheduled for February 25, 2003]. NY NJ Port Authority will host this meeting (in Newark, NJ)

A motion to adjourn was made by Schlieman, seconded by Jerry Zarwanski. Meeting adjourned at 1:17 PM.



February 25, 2003 Public Meeting Notice

**NEW YORK/NEW JERSEY
FCC REGION 8 700 MHZ
REGIONAL PLANNING COMMITTEE**

MEETING NOTICE

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE / TIME: Tuesday, February 25, 2003 at 10:00 am

LOCATION: 2 Gateway Center, 16SW, Newark, NJ 07102-5005

DIRECTIONS: See attached

AGENDA:

- 1. Review And Approve Previous Meeting Report**
- 2. 700-MHz Regulatory Update-Robert Schlieman**
- 3. 700-MHz Pool Allotments/Database-Sean O'Hara**
- 4. Continue Draft Regional Plan**
- 5. New Business / Comments**
- 6. Schedule Next Meeting**
- 7. Adjourn**



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February 25, 2003 Meeting Report

New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, February 25, 2003 at 10:00 am

LOCATION: 2 Gateway Center, 16SW, Newark, NJ 07102-5005

Meeting called to order at 10:27 AM. The chair thanked Chuck Jordan for hosting the meeting.

A motion to approve the meeting report of November 6, 2002 was made by Sean O'Hara, seconded by Bill Gardner. The previous meeting report was unanimously approved.

700-MHz Regulatory Update-Sean O'Hara

O'Hara presented the 700-MHz Regulatory Update [presentation will be provided as part of the minutes].

The presentation included an overview of activities related to spectrum issues for this year. O'Hara invited everyone to become familiar with, if not active participants of, spectrum issues activities.

- (02-55) 800-MHz Interference - With regard to 800-MHz re-banding, O'Hara indicated that it is very possible the Regional Planning Committees will have to re-coordinate through the regional planning process all agencies that are affected by the proposed Consensus Plan.
- (00-32) 4.9 GHz - O'Hara spoke about the importance to have Regional Planning Committees coordinate the spectrum in these bands, at the local level where all operational aspects are best known.
- (02-380) T-Band UHF Sharing - This docket focuses on sharing unlicensed spectrum in this band. This includes television channels 60-69. The members of the committee feel all public safety agencies need to comment on this.
- (96-98) Motorola petition for reconsideration - They requested a delay in the mandate for 6.25-kHz migration from 2006 to 2011.



(03-15) DTV Transition - the Commission released an NPRM that reviews this transition. It is requesting comments on interference protection, including interference from PS 700-MHz systems.

Comments/Discussion

Hero Act to countermand the DTV penetration requirement of 85%. The members of the committee feel that we perhaps revive this Act.

The NCC Implementation Subcommittee modified the guidelines to address all of the questions the Commission had with respect to the 700-MHz Regional Plan submitted by California, which the FCC has rejected. The modified guidelines will be available on the NPSTC website. (www.npstc.org)

Emil Vogel indicated that the Commission is now requesting minutes be submitted with the Regional Plan, and Indian Tribes need to be identified. Bette Rinehart has information related to where the subcommittee can obtain information about Indian Tribes.

700-MHz Pool Allotments/Database-Sean O'Hara

[This presentation will be provided as part of the minutes.]

O'Hara presented 700-MHz Pool Allotments/Database. He indicated that CAPRAD is the database where all this information resides. He also indicated that there is training available for using the CAPRAD Database.

He discussed how the pool allotments were generated. He noted that each county was allotted a minimum of 5 25-kHz channels. He indicated that the maximum number of allotted channels in some cases was 24 25-kHz channels (according to population, e.g. Los Angeles and Honolulu).

For counties like Ulster, it was mentioned that it is up to this committee how the excess channels are reassigned to other regions. (Ulster County is one that was pointed out as being an "anomaly" since the allotted channels does not necessarily correspond to its population but instead to the fact that adjacent counties prevent it from channels in the area.)

It was mentioned that this program can pack the channels tighter **if** we know where the sites were located (including technical details) and what technology is being used.

O'Hara indicated that once channels are actually being requested and licensed, perhaps the RPCs can do better in terms of assignments per county/region.

Continue working on R8 700-MHz Regional Plan draft. Comments/changes were captured in the Draft National Regional Plan Template 010510 NCC_030225.doc. See attached.



New Business/Comments

The National Task Force Interoperability is an explanation of what interoperability is about. This document is available on the web (www.agileprogram.org/ntfi)

Bill Gardner applied for funding on behalf of this committee. He indicated that the funding should be available by next meeting. Stile pointed out that the Atlantic Chapter will manage the RPC funds.

John Robertson (DoITT) will talk to his commissioner for approval to donate the time to develop a web site for this Regional Planning Committee. He suggested locating the hardware with a cable modem at the Chairman's Fire Communications facility.

The next meeting is tentatively scheduled for Wednesday May 21, 2003 in Westchester County, 4 Dana Road Valhalla, NY 10595.

The meeting adjourned at 12:36 PM.



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June 25, 2003 Public Meeting Notice

**NEW YORK/NEW JERSEY
FCC REGION 8 700 MHZ
REGIONAL PLANNING COMMITTEE**

MEETING NOTICE

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE / TIME: Wednesday, June 25, 2003 at 10:00 am

LOCATION: Richard A. Flynn Training Center, 4 Dana Road, Valhalla NY 10595,
(914)231-1850

DIRECTIONS: See Attached

AGENDA:

- 1. Review And Approve Previous Meeting Report**
- 2. 4.9 GHz Update-Sean O'Hara**
- 3. Technical Aspect of 700-MHz Spectrum Management-Sean O'Hara**
- 4. Funding-Peter Meade**
- 5. Regional Plan-Review working document**
- 6. New Business / Comments**
- 7. Schedule Next Meeting**
- 8. Adjourn**



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June 25, 2003 Meeting Report

New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Wednesday, June 25, 2003 at 10:00 am

LOCATION: Richard A. Flynn Training Center
4 Dana Road
Valhalla, NY 1059
(914) 231-1850

Meeting called to order at 10:10 AM.

The attendance roster was circulated [see Affiliation List].

The Meeting Agenda, previous meeting report/affiliation list, NPSTC Newsletter, 700-MHz Guidebook on a CD, and a CD containing all previous meeting notes were provided.

The Chair announced the Commission is currently active on the 4.9-GHz spectrum issues.

A modification to the agenda was made. Robert Speidel of M/A-COM, Inc will present *700-MHz Update and other assorted topics*.

Review and Approve Previous Meeting Report

No action.

4.9-GHz Update - Sean O'Hara

O'Hara presented *4.9-GHz Public Safety Spectrum Allocation*. A copy of his presentation is included together with this meeting report on CD.

Highlights

4.9-GHz Licenses will be issued. O'Hara reported the Commission has decided that it will be up to the Regional Planning Committees to coordinate the use of this spectrum. Licensees must solve any interference issues among themselves. The Commission will get involved if parties cannot reach a solution.

RPC's have 6 months to meet; 12 months to file 4.9-GHz plan.



Speidel indicated that the petition for reconsideration should be filed within 30 days of publication in the federal register. He also reported that, as of today, the Report and Order has not been published in the Federal Register. A Petition for Reconsideration has to be dealt with before Rules become effective.

Discussion

- Currently there are no technologies employed today using this band.
- O'Hara indicated that there is "j" version of 802.11 for Japanese 4.9-GHz applications.

Technical Aspect of 700-MHz Spectrum Management - Sean O'Hara

O'Hara presented *Modern Techniques for Public Safety Spectrum Management and Technical Standards within the Regional Process*. A copy of his presentation is included together with this meeting report on CD.

Highlights

No 700-MHz Plan has been approved by the Commission to date.

- Region 5, Southern California, filed and its plan was rejected by the Commission.
- Region 19, New England, is planning to file soon.

It was recommended to form a technical committee for dealing with application and technical issues. O'Hara discussed Consistency of Methodology for evaluation of coverage and interference. He suggested that methodologies should take under consideration the technologies employed, e.g., ACCPR, Service area definition, boundary and power, defining harmful interference, etc.

- Joseph Yurman moved to accept using the TIA TSB-88 standard as the methodology for evaluating applications. The committee unanimously approved the motion.

Funding - Peter Meade

Bill Gardner reported that a funding application was submitted. He will follow up with Dave Funk on the application status.

Region 19 announced that more funding will be made available. George Pohorilak indicated Region 19 also used funding for the CAPRAD training.

Stile suggested using the APCO-Atlantic Chapter to fund training. Yurman indicated that CAPRAD training will be provided two days prior to the APCO Conference in Indiana.

APCO frequency advisors (Yurman and Melia) requested that the RPC fund their participation in the training.

Regional Plan-Review working document

The Chair indicated that Appendix B needs to list special districts, localities, etc. It was suggested that technical working groups be identified to work on the various parts of the plan.



Teleconferences will be set up to do this work. However, specific groups were not identified during this meeting. The Chair will reach out to members who can provide the information that is needed for Appendix B.

New Business/Comments

The Chair Requested ideas for letterhead - Kenneth Link will work on a LOGO for the RPC letterhead

Technical Subcommittee Members

- Robert Schlieman Robert.Schlieman@oft.state.ny.us
- Sean O'Hara Ohara@syrres.com
- Maribel Martinez Maribel.Martinez@oft.state.ny.us
- William Gardner BGCT4@aol.com
- Anthony Melia MeliaA@apco911.org
- Felix Melendez FXM858@csvm.ci.nyc.ny.us
- Kenneth Link Klink@mtahq.org
- John Robertson JRobertson@doitt.nyc.gov
- Thomas R. Raffaelli TRRI@westchestergov.com
- Joseph Yurman JoYurman@nyct.com

Bob Speidel of M/A-COM, Inc., presented: *700-MHz Update and other assorted topics*. A copy of his presentation is included together with this meeting report on CD.

Highlights

The Commission has established 2017 as the target date for all systems to migrate to 6.25-kHz spectrum-efficient systems. Petitions for Reconsideration have not been filed to date.

Narrow Band data interoperability - no Rules have been promulgated to date.

There is currently no ANSI-approved standard for the WB data "air interface." TIA TR8.5 is expected to make a recommendation at the next NCC meeting. Speidel reported that, due to lack of comments in ballots, TIA extended the ballot, which closes after the NCC meeting (July 28, 2003). It is not known how this will impact any recommendations that TIA will make to the National Coordination Committee.

The SIECs should plan on how the interoperability channels are to be used.

Licenses for the general-use spectrum have to be consistent with the respective Regional Plan.

New Subpart Y of Part 90 will contain all rules pertaining to 4.9 GHz.

Speidel pointed out that there is a Region that is developing a "Best Practices Guide" to mitigate any interference issues within its region rather than developing a plan for using 4.9-GHz spectrum.

Licenses will be available 30 days after publication of Rules in the Federal Register.

Other

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Region 19 is meeting September 9, 2003.

The Chair encouraged the Technical Committee to meet. He will attend the meeting to help appoint a chair.

Schedule Next Meeting

Next meeting is tentatively scheduled for 10:00 AM, Wednesday, September 10, 2003 at NYC Transit Authority, 2 Broadway, Manhattan.

Adjourn

Meeting adjourned at 12:30 PM.



September 10, 2003 Public Meeting Notice



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Federal Communications Commission
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DA 03-2635
August 11, 2003

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

**REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES ANNOUNCE
REGION 8 (700 MHz) REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
REGION 8 NPSPAC (800 MHz) REGIONAL PUBLIC SAFETY PLANNING MEETING**

The Region 8 (New York – Metropolitan area)¹ Regional Planning Committees announce two Region 8 Public Safety planning meetings.

On Tuesday, September 10, 2003, the Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. in Conference Room D2.10 A & B (2nd Floor) at the NYC Transit Authority, 2 Broadway, New York, New York.

The agenda for this meeting includes:

1. Review and Approve Previous Meeting Report
2. Funding
3. 4.9 GHz Update
4. Continue Discussion of Technical Aspects of 700 MHz Application Review
5. Final Review of NCC Activities
6. Regional Planning Committee Activities Update

¹ The New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



1. Regional Planning Committee Letterhead
2. New Business/Comments
3. Schedule Next Meeting

On Tuesday, September 10, 2003, the Region 8 800 MHz NPSPAC Regional Planning Committee meeting will convene at 2:00 p.m. in Conference Room D2.10 A & B (2nd Floor) at the NYC Transit Authority, 2 Broadway, New York, New York.

The agenda for this meeting includes:

1. Election of new Chair to replace retiring Paul Einreinhofer
2. Election of new Secretary
3. Window 7 Status
4. Concurrence Requests Status
5. New Business/Comments
6. Schedule Next Meeting

Both of the Region 8 Public Safety Planning Committee meetings are open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in the New York – Metropolitan 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 764-776 and 744-806 MHz band within Region 8 should plan to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz Regional Planning
140 15th Street
Mineola, New York 11501
PH: (516) 571-6400 (voice)
FX: (516) 571-6407 (fax)
Email: NCFCF1@aol.com

– FCC –



September 10, 2003 Meeting Report

Metropolitan NYC Area New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Wednesday September 10, 2003 at 10:00 am

LOCATION: Conference Room D2.10 A& B -2nd Floor
NYC Transit Authority
2 Broadway
New York, NY 10004

Meeting was called to order at 10:00 AM.

Remarks: chair introduced Joseph Yurman, Principal Engineer, and Dr. Morris Schwartz, P.E., Chief Engineer of NYC Transit Authority who hosted the meeting and provided refreshments.

A roster was circulated. The Chair asked members to verify contact information.

Review and Approve Previous Meeting Report

A motion to approve the February 25, 2003 and June 25, 2003 meeting reports and the current meeting agenda was made by Ken Link and seconded by John Robertson. The motion was unanimously approved.

4.9 GHz

Bette Rinehart noted that the only direction given by the FCC was that each 700-MHz RPC was to call the first meeting for 4.9 GHz. The RPC was then to notify the FCC by January 15, 2004 if it will develop a 4.9-GHz Regional Plan, which would then be required to be submitted to the FCC within one year of the effective date of the order. If the committee did not call this meeting, then the Commission mentioned creating ad hoc groups for dealing with 4.9-GHz issues.



Funding - Bill Gardner

The committee received funding from NIJ. A check for \$2,500 was received, and it will be forwarded to Atlantic Chapter which will manage the committee's finances.

4.9 GHz Update – Sean O'Hara

It was reported that 11 licenses have already been granted. Currently there are no guidelines for applying for a license, and no 4.9-GHz Regional Plans.

Sean O'Hara presented "*4.9 GHz Public Safety Spectrum Allocation.*" A copy of this presentation is included with this meeting report on CD.

Discussion regarding page 13 of O'Hara's presentation - Vincent Stiles reported that the Spectrum Coalition is also considering stressing scenarios similar to the one presented in this slide. However, the difference would be that, for an application like the one presented, we are talking about "hot spots." Meade indicated that, in the case of FD, he does not see this as a realizable task. He did indicate that the number of fire video feeds (for example) would double. In the case of PD, he would see this type of scenario being a valid one. For NYCT and Port Authority, if the incident is in the subway and support is provided by Fire, Police, and Utility Support etc., this scenario would not apply to their specific needs because these responders would not have known in advance the information they need (e.g., where to shut off gas feeds, electrical, how to blow smoke out in a fire event in a subway.)

Schlieman suggested to NYCT and Port Authority the importance of standardizing applications so that a video feed for example is common among agencies. Yurman indicated that security of the information would then have to be considered.

If there a way to have a "capacity manager" so that agencies can share common infrastructure and get a piece of the pipe size to fit their agency depending on their needs. O'Hara indicated that there is a body within 802.11 standards developers that is looking at this type of concept and how to realize it effectively at the physical layer.

What happens when you overload the access point? O'Hara stressed the need for agencies with overlapping areas to coordinate with each other and to have a plan in place for responders so that when they arrive at a scene this type of situation does not occur.

What is your impression on security and encryption? Lots of PS entities are implementing 802.11b type networks and dealing with the security measures associated with them. O'Hara indicated that 802.11a has increased security requirements.

This discussion identified issues that this committee needs to deal with and the need to identify requirements and create guidelines for the proper coordinated use of 4.9 GHz.



Steve Devine requested that the chair unite with other RPCs to share ideas at a national level and interface with NPSTC on issues that affect 700-MHz Committee work and 4.9 GHz. The committee supports the Chair's participation in this effort.

Final review of NCC activities-Robert Schlieman

The NCC Chartered operation ended on July 25, 2003. The group made a number of recommendations to the FCC:

- Require standard nomenclature to be used for the interoperability channels, and require display type radios to display the appropriate standard nomenclature for those channels.

- Change the name for SIEC to State**wide** Interoperability Executive Committee. (Emphasis added)

- Update the rules regarding ANSI/TIA-102.BAAA, Common Air Interface, to become ANSI/TIA 102.BAAA-A, which now includes the 700-MHz AFC requirements in FCC Rules.

- Modify 90.553(e) of the rules regarding encryption to include the Advanced Encryption Standard (AES). In Project 25 equipment, if AES is used, the equipment must also provide backward compatibility to the existing Data Encryption Standard (DES).

- Mandate the use of CAPRAD in order to facilitate inter-regional coordination and information sharing between all parties.

- Streamline processing of RPC Table of Allotments amendments so that approval does not take as long as in the 800-MHz RPC process.

- Recognize the role of TIA in completing the suite of Wide Band Data standards.

NPSTC is proposing to continue the work of the NCC

NPSTC Members Organizations

- International Municipal Signal Association (IMSA)

- International Association of Emergency Managers (IAEM)

- Forestry Conservation Communications Association (FCCA)

- National Association of State Telecommunications Directors (NASTD)

- International Association of Chiefs of Police (IACP)

- American Association of State Highway Transportation Officials (AASHTO)

- International Association of Fire Chiefs (IAFC)

- Association of Public-Safety Communications Officials-International (APCO)

- International Association of Fish and Wildlife Agencies (IAFWA)

- National Association of State Emergency Medical Services Directors (NASEMSD)



National Association of State Foresters (NASF)

American Radio Relay League (ARRL)

American Red Cross (ARC)

Liaison Organizations

Federal Emergency Management Agency (FEMA)

Federal Law Enforcement Wireless Users Group

Public Safety Wireless Network (PSWN)

U.S. Department of Agriculture

U.S. Department of Interior

NCC letter to FCC -Incorporate

NCC letter to FCC is included as an attachment to this meeting report.

RPC Activities Update - Bette Rinehart

Rinehart reported that 42 of the 55 regions have met at least one time. North Carolina has set a date for its first meeting. Missouri is close to filing its plan. Other states are well along the process of drafting their plans.

Schlieman reported that Region 30 has established December 2, 2003 as the date for its first meeting. The meeting will be in Albany, NY.

Rinehart will forward that latest NCC Implementation Subcommittee Documents.

Regional Plan - Review working document

Sean presented "*Completing our 700-MHz and 4.9 GHz Plans.*" Vincent Stile reported that, as of 2007, if we can prove to the Commission that additional spectrum is needed, it is willing to consider petitions for locations like NYC (doing a modification of the "must carry" regulations). The RPCs need to show not only to the Commission but also to Congress that we have our plans in place; then, this would be "ammunition" for clearing the band.

Stile reported that the Spectrum Coalition is currently putting a 700-MHz test bed in place. APCO and AICP are currently drafting a position paper to submit to the Commission.

As shown in O'Hara's PowerPoint presentation, three groups were proposed for completing the 700-MHz Regional Plan: the Technical Working Group; the Research (user requirements, operation and applications) Working Group; and the Administrative and Writing Working Group.



700-MHz Technical Working Group

John Robertson volunteered to Chair this working group and Sean O'Hara will be the Vice Chair. Tom Leonard also joined this working group.

Action Items

Additional Spectrum set aside for interoperability within the region

An explanation of how needs were assigned priorities in areas where not all eligible can be allotted the number of channels required.

A detail description of how the plan put spectrum to the best possible use

Detail description of the future planning process.

700-MHz Research Working Group

Ken Link MTA will Chair this working group, which includes Edmund Horace, Mark Clampet, Anthony Melia. Dan Mark, Emil Vogel, Maribel Martínez, Sean O'Hara, Bob Schlieman, and Miles Quinn.

Action Items and tasks are assigned in page 27 of "*Completing our 700-MHz and 4.9-GHz Plans*" presentation.

Additional Spectrum set aside for interoperability within the region

700-MHz Administrative and Writing Working Group

Peter Meade will Chair this working group. Bette Rinehart, Emil Vogel, Robert Schlieman, Bill Gardner, Maribel Martinez, Robert Manion, Sean O'Hara, Salvatore DiRaimo.

Action Items and tasks are assigned in page 27 of "*Completing our 700-MHz and 4.9-GHz Plans*" presentation.

4.9-GHz Technical Requirements Working Group

Felix Melendez will chair this working group. Gerard Louit (project engineer wireless data systems), Sgt Tom Golder, Edmund Horace, Tom Leonard, Ken Link, John Berlingieri, and Bill Gardner, Charles Clinton

Tasks are assigned in page 28 of "Completing our 700-MHz and 4.9 GHz Plans" presentation.

4.9-GHz Application Working Group

Ed Horace, Sgt Tom Golder, John Berlingieri, Bill Gardner, Myles P. Quinn, Gerard Louit, Felix Melendez, Robert Manion, Robert Schlieman, Maribel Martinez, Sean O'Hara and Salvatore DiRaimo.



Tasks are assigned in page 28 of “Completing our 700-MHz and 4.9-GHz Plans” presentation.

4.9-GHz operations

Anthony Melia, Hugh Bradshaw

Tasks are assigned in page 28 of “Completing our 700-MHz and 4.9-GHz Plans” presentation.

4.9-GHz Administrative and Writing WG

Peter Meade will chair this working group. Don, Bette Rinehart, Emil Vogel.

Tasks are assigned in page 28 of “Completing our 700-MHz and 4.9-GHz Plans” presentation.

Robert Schlieman will serve as liaison with NYS SIEC. The committee will seek a liaison for the NJ SIEC.

Allocation of general use spectrum: A window process was suggested, similar to the Region 8 – 800-MHz Regional Plan, and O’Hara recommended choosing allotments from the pool.

There were concerns that development of the plan cannot be done in teleconference calls. It was clarified that the working groups can develop documents, and forward them to the committee for formal decision or further action in a regular Region 8 meeting where attendance is open to the public.

A conference bridge is available for working group activities from NYCT. There is a limit of 30 that can dial in, and Yurman advised that its use must be scheduled in advance. Sean O’Hara reported that he also has a conference bridge available.

Schlieman moved, seconded by Stile, a motion to adopt this plan for completion of the 700-MHz and 4.9-GHz Regional Plans. The motion was unanimously approved.

RPC Letterhead -Kenneth Link

John Robertson provided the chair with letterhead. The chair has the letterhead and is currently in the process of getting it printed.

New Business/Comments

Joe Yurman requested funding to attend CAPRAD training. Schlieman moved, seconded by Link, that Yurman’s travel be funded to allow him to attend CAPRAD training. The motion was unanimously approved.

Schlieman suggested that a web site be used to facilitate information sharing, similar to Region 19.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Schlieman also suggested developing a document history database to better manage the identification and recording of various materials.

The committee was asked to file comments to the Commission on Channel 16 so that it is permanently allocated to Public Safety. September 22 is the deadline for this submission. Schlieman moved, seconded by Stile, that this task be done by the committee. The motion was unanimously approved.

Schedule Next Meeting

The next meeting is tentatively scheduled for 10:00 AM, Thursday, November 6, 2003 at NYCT, 2 Broadway in Manhattan.

Adjourn

Ed Horace moved to adjourn. Charles Clinton seconded the motion. Meeting adjourned at 12:15 PM.



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November 6, 2003 Public Meeting Notice



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**DA 03-3027
October 3, 2003**

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

**REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES ANNOUNCE
REGION 8 (700 MHz) REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
REGION 8 NPSPAC (800 MHz) REGIONAL PUBLIC SAFETY PLANNING MEETING**

The Region 8 (New York – Metropolitan area)¹ Regional Planning Committees announce two Region 8 Public Safety planning meetings.

On Thursday, November 6, 2003, the Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the NYC Transit Authority, 2 Broadway, New York, New York.

The agenda for this meeting includes:

1. Review and Approve Agenda
2. Review and Approve September 10, 2003 Meeting Report
3. Treasurer's Report – Bill Gardner
4. CAPRAD Training – Peter Meade/Bill Gardner
5. Interoperability (SIEC Reports)
 - a. New York State

¹ The New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



b. New Jersey

1. 4.9 GHz Update-Sean O'Hara

2. Working Group Activities

- a. 700 MHz Technical Working Group-Jack Robertson*
- b. 700 MHz Research WG-Kenneth Link*
- c. 700 MHz Administrative and writing WG-Peter Meade*
- d. 4.9 GHz Technical Requirements WG- Felix Melendez*
- e. 4.9 GHz Application WG*
- f. 4.9 GHz Operations*
- g. 4.9 Administrative and Writing WG-Peter Meade*

3. Old Business

a. Comments to the FCC-Channel 16

4. New Business / Comments

5. Schedule Next Meeting

6. Adjourn



November 6, 2003 Meeting Report

Metropolitan NYC Area New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

ACTING CHAIR: Maribel Martinez
NYS Office for Technology
Statewide Wireless Network

DATE/TIME: Thursday, November 6, 2003, at 10:00 AM
LOCATION: Metropolitan Transportation Authority
2 Broadway
New York, New York

The meeting was called to order at 10:15 AM. Maribel Martinez informed the Committee that Peter Meade was not able to make the meeting and had asked Robert Schlieman to act as the Chair. Since Schlieman could not attend the meeting, Martinez chaired the meeting.

Review and Approve Previous Meeting Report

The Acting Chair asked that the Committee review the September 10, 2003 meeting report. Tom Leonard moved to approve the report as submitted; Ken Link seconded the motion. The motion was approved unanimously.

CAPRAD Training – Bill Gardner

Bill Gardner provided some information regarding the funding for CAPRAD Training. He reminded the group that this funding was forwarded to the Atlantic Chapter so that the Atlantic Chapter could manage it. After providing this background information, Bill Gardner then proposed a methodology for spending this funding. He proffered that before any funding could be released for CAPRAD Training, a request with both his and Peter Meade's signature be submitted. Further, he recommended that this request be kept in both a hardcopy and a softcopy format. A discussion about this methodology took place. After the discussion, Bill Gardner moved to accept this methodology for the release of CAPRAD Training funds. Ken Link seconded the motion, and the committee passed the motion.



Interoperability (SIEC Reports)

Maribel Martinez provided an update regarding the State Interoperability Executive Committee (SIEC) for New York State. She informed the committee that the first SIEC meeting for New York would convene on December 2, 2003 in the Auditorium of the New York State Nurses' Association, 11 Cornell Road, Latham, New York.

Also on hand at the meeting was a representative from New Jersey. He informed the group that New Jersey has identified the need to have an SIEC. He told the committee that the formation of the SIEC had been held up by the recent elections. In New Jersey, the SIEC formation council needs to prepare and deliver an SIEC to the State Legislature in order to obtain approval. New Jersey intends to incorporate the Region 8 plan into its own SIEC plan.

4.9 GHz Update – Bette Rinehart

Martinez mentioned that Sean O'Hara was unable to attend the meeting. She stated that Sean O'Hara would provide a technical update regarding 4.9-GHz work at the next Region 8 700-MHz meeting in January 2004.

Bette Rinehart gave a presentation regarding some of the 700-MHz and 4.9-GHz regulatory activities going on at the FCC. During her presentation, she pointed out that, since the last meeting, four more regions have given public notice announcing their 700-MHz meetings. These regions include Region 30 (Upstate New York), North Carolina, Oklahoma, and Utah. She spoke about ways that the committee could get in trouble with the FCC. Specially, the FCC wants the public notice to be posted in a timely manner and wants each of the RPCs to prove that it has indeed conducted a 700-MHz meeting. In her presentation, Bette Rinehart stressed the importance to the FCC of keeping minutes, as well as other tangible proof of regional meetings. Another issue brought up during the presentation was the problem with waivers in the 700-MHz Plan. Not only does the FCC want the Plan to be extremely complete and well organized, but also it wants to have minimal waivers in it. Bette Rinehart told how the State of Missouri (Region 24) filed its 700-MHz plan, which contained two waivers. Initially it appeared that the plan was going to be approved. However, when Oklahoma gave notice that it was going to have a 700-MHz Planning meeting, the FCC informed Missouri that it needed to work out its waiver issues with Oklahoma — causing a delay in Missouri's ability to use its 700-MHz spectrum. This is even further exacerbated by some states (such as West Virginia) that never intend to use 700-MHz spectrum. The Regions that border West Virginia will automatically have to file for waivers because West Virginia has no intentions of using its 700-MHz spectrum. Emil Vogel pointed out that not only is this true for 700-MHz spectrum, but also it applies to the 4.9-GHz spectrum. He suggested that the Peter Meade send an e-mail or memo to NPSTEC



addressing the potential pitfalls associated with waivers in the states' 700-MHz and 4.9-GHz Plans.

Comments to the FCC Regarding Channel 16

A discussion took place concerning comments to the FCC regarding Channel 16. During the discussion, it was confirmed that the committee had not submitted a letter of support to the FCC for the use of Channel 16 in the New York City area. Emil Vogel volunteered to provide the letter and again suggested that Region 8 submit the filing as EX-PARTE.

Notice of Proposed Rule Making Affecting Digital Low Power TV

The committee discussed the Notice of Proposed Rule Making (NPRM) (MB Docket No. 03-185, FCC 03-198) titled "Amendment of Parts 73 and 74 of the Commission's Rules to Establish Rules for Digital Low Power Television, Television Translator, and Television Booster Stations and to Amend Rules For Digital Class A Television Stations." In this docket, the Commission seeks comment on the rules for digital low-power television (LPTV) and TV translator stations, and consideration of issues related to digital television booster stations.

It was agreed that there are a number of items in this docket that could affect public safety. Martinez provided the attendees at the meeting with a handout that identified several of the issues that needed to be addressed by the committee. Emil Vogel moved that that the 700-MHz Administrative and Writing Working Group respond to this FCC docket. The motion was seconded by Felix Melendez and passed by the committee.

The committee discussed the merits of submitting relevant T-band (470–512 MHz) comments in the Region 8 response to FCC Docket 03-198. Because the T-band is used so heavily in the NYC area, the committee reached a consensus that relevant T-band spectrum issues be addressed in the Region 8 response. Emil Vogel moved to address relevant T-band issues in the response, and Tony Melia seconded the motion, which the committee approved.

Working Group Activities

Felix Melendez, the Chair of the 4.9-GHz Technical Working Group, provided the committee with a synopsis of the conference call his group had on October 29, 2003. He informed the committee that 12 of the 14 members of the 4.9-GHz Technical Working Group participated in the conference call. During the conference call, the working group broke out certain tasks into three subgroups: Technology, Spectrum Management, and Interoperability. The 4.9-GHz Technical Working Group came to the realization during the conference call that there would be some inter workings between the three subgroups. Felix Melendez told the committee that he had arranged for the next conference call to occur on December 4, 2003.



It was pointed out that there was no Chairperson for the 4.9-GHz Requirements, Operations, and Applications Working Group. Sal DiRaimo asked if anyone would like to volunteer to be the Chair of this Working Group. After a discussion, it was suggested that the two working groups be merged into one group. Martinez asked if Felix Melendez would mind being the Chair of such a merged working group. Felix Melendez graciously volunteered to act as the Chairperson. Tom Leonard moved that the two working groups (the 4.9-GHz Technical Working Group and the 4.9-GHz Requirements, Operations, and Applications Working Group) be merged into one group with Felix Melendez as the Chair. The motion was seconded by Bill Gardner and passed by the committee.

At this time, Ken Link mentioned that his duties were making it very difficult to chair the 700-MHz Research Working Group. He asked if there were someone willing to assume the role as Chair of this working group. Some of the Committee members recommended that the 700-MHz Research Working Group be merged with the 700-MHz Technical Working Group. It was decided to hold off until the next Region 8 700-MHz meeting to make that decision. The rationale for waiting was that the Chair of the 700-MHz Technical Working Group was not present at the meeting. Ken Link said that he would do his best to perform the duties of the Working Group Chair until the next meeting.

Martinez asked that the Committee break down into working groups and address some of the tasks that had been sent to the Working Group Chairs. The Committee broke down into two working groups — 700-MHz Research WG and the 4.9-GHz Technology WG — and began to work on the tasks identified during the September Region 8 700-MHz Meeting.

At approximately 11:52 am, the committee reconvened and each Working Group Chair provided a brief overview of what its group had accomplished. Felix Melendez informed the committee that the 4.9-GHz Technology Working Group would look at the different technology applications to determine what was available and potentially useful in the 4.9-GHz bandwidth. Felix Melendez stated that a conference call for this working group remains scheduled for December 4, 2003.

Ken Link provided a summation of what the 700-MHz Research Working Group did. The group went over each of the tasks from the September meeting, and an individual was assigned the responsibility for completing each task. In some cases, tasks were further broken down into subtasks. The Working Group will conduct a conference call on December 11, 2003 to discuss the progress of these tasks. The bridge number and pass code will be provided to the Working Group members via e-mail at a later date.

Prior to the end of the meeting, Martinez asked for any documentation that the city might have in place regarding interoperability plans, MOUs, contracts, or compacts.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



This request was to support the 700-MHz Research Working Group in completing its tasks.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Schedule Next Meeting

The next meeting is tentatively scheduled for 10:00 AM, Thursday, January 8, 2004, in the Port Authority of NY and NJ in Newark NJ.

Adjourn

Felix Melendez moved to adjourn. Anthony Melia seconded the motion. The meeting adjourned at 12:05 PM.



January 8, 2004 Public Meeting Notice



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**DA 03-3865
December 4, 2003**

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

**REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES ANNOUNCE
REGION 8 (700 MHz) REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
REGION 8 NPSPAC (800 MHz) REGIONAL PUBLIC SAFETY PLANNING MEETING**

The Region 8 (New York – Metropolitan area)¹ Regional Planning Committees announce two Region 8 Public Safety planning meetings.

On Thursday, January 8, 2004, the Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Port Authority of New York and New Jersey, 2 Gateway Center, 16SW, Newark, New Jersey.

The agenda for this meeting includes:

1. Review and Approve Agenda
2. Review and Approve November 6, 2003 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. 4.9 GHz Update – Sean O’Hara

¹ The New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



5. Working Group Activities

- a. 700 MHz Technical Working Group – Jack Robertson, WG Chair
- b. 700 MHz Research WG – Kenneth Link, WG Chair
- c. 700 MHz Administrative and writing WG – Peter Meade, WG Chair
- d. 4.9 GHz Technical Requirement WG – Felix Melendez, WG Chair
- e. 4.9 Administrative and Writing WG – Peter Meade, WG Chair

6. Old Business

- a. EXPARTE filing to the FCC - ET Docket 03-158; MB Docket 03-159
(Amendment of Parts 2, 73, 74 and 90 of the Commission's Rules to Permit New York Metropolitan Area Public Safety Agencies to Use Frequencies at 482-488MHz)
Comments to the FCC regarding MB Dock& No. 03-185 *(Amendment of Parts 73 and 74 of the Commission's rules to Establish Rules for Digital Low Power Television Booster Stations and to Amend Rules for Digital Class A Television Stations)*

7. New Business / Comments

- a. FCC Comments - *Low Power/Television Translators, Class A Television: Proposed Construction Permits; Report No.: PGL03-6 Released: October 27, 2003*

8. Schedule Next Meeting

9. Adjourn



January 8, 2004 Meeting Report

**METROPOLITAN, NYC AREA
NY & NJ
FCC REGION 8
700-MHz REGIONAL PLANNING COMMITTEE**

MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Thursday, January 8, 2004, at 10:00 am
LOCATION: Port Authority of New York & New Jersey
2 Gateway Center
16SW
Newark, New Jersey

The meeting was called to order at 10:12 am. Peter Meade, the Chair, announced to the committee that the 800-MHz Planning Meeting would take place immediately following the conclusion of the current 700-MHz Meeting.

At this point, the Chair asked all of the people attending the meeting to introduce themselves. After the introductions, Peter Meade introduced Chuck Clinton as the host of the meeting. Chuck Clinton briefed the committee on administrative issues, then Peter Meade went over the actions to take in the event of an emergency. Additionally, the Chair asked that everyone be sure to sign in on the sign-in roster.

After concluding his administrative remarks, Peter Meade asked for a motion to approve the agenda for the meeting. Bob Schlieman made such a motion, and Ken Link seconded it. The motion was passed unanimously.

Review and Approve Previous Meeting Report

The Chair asked that the Committee to take a moment and review the November 6, 2003 meeting report. He then asked for a motion to approve the meeting report. John Robertson moved to approve the report as submitted; Chuck Clinton seconded the motion. The motion was approved unanimously.



Interoperability (SIEC Reports)

David Cook from the New York State Office for Technology, Statewide Wireless Network, was at the meeting. In addition to his daily duties, David Cook is the Chairperson for the State Interoperability Executive Committee (SIEC) for New York State. He informed the committee that New York State had its initial SIEC meeting on December 2, 2003. He explained that the primary purpose of that meeting was to organize the SIEC. As a result of the December 2, 2003 meeting, the SIEC divided the State of New York into four Regions. These SIEC Regions correspond to the RPC Regions (with the exception of RPC Region 30, which, because of its large geographic size, was divided into two SIEC Regions).

In addition to the NYS SIEC update, an update was provided regarding New York City Interoperability. New York City recently had its interoperability meeting and is inviting all of the bordering counties to attend its next meeting.

There was no report on New Jersey's SIEC at this meeting.

At the conclusion of the SIEC updates, Peter Meade noted that there are several other meetings coming up that impact Region 8 issues. These include the 700-MHz colloquium that will be held in Orlando, Florida in January 2004. He stated that the Region 30 700-MHz Planning Meeting was scheduled for February 4, 2004, and that the next NPSTC meeting was scheduled for March 8-11, 2004.

4.9-GHz Update – Sean O'Hara

Sean O'Hara began his update by indicating that NPSTC filed a petition to adopt a different mask and OOB than those proposed by the FCC (one of the FCC-proposed masks was the Motorola mask). O'Hara announced that personnel from NPSTC and Motorola recently met to discuss these masks and to attempt to reach some "common ground." Unfortunately, a consensus was not reached.

O'Hara then discussed some IEEE 802.11 issues that were germane to the development of the 4.9-GHz plan for Region 8. He specifically addressed DSRC and 802.11(xx) capabilities and discussed the equipment that is being developed to support these capabilities. As he discussed these issues, O'Hara was asked about industry standards and open standards. O'Hara stressed to the committee members that, at this time, the committee does not want to establish interoperability standards — i.e., not before it actually knows what the interoperability requirements are. He stated that there has been discussion among various Public Safety entities about mandating a standard for interoperability for the 4.9-GHz band. O'Hara indicated that a standard will be developed (TIA TR8 will undertake this task). However, there was consensus to table the issue of mandating a standard for interoperability in 4.9 GHz.



O'Hara also mentioned that 802.11 (i) will include AES encryption. He said that he expects that equipment will be available in Fall 2004. Robertson asked if the parameters within 802.11 (xx) were also afforded to 4.9 GHz. O'Hara recommended that, before the committee decides whether a mandated standard is absolutely necessary, it should evaluate tradeoffs such as equipment cost, capabilities afforded by different technologies, equipment availability, etc. Currently, there is insufficient consensus level to decide if a mandated standard is needed.

O'Hara explained how standards were established in the 700-MHz band and how industry is developing applications to conform to those standards. Sal DiRaimo pointed out that, currently, there is a definite lack of consensus regarding what needs to be developed in the 4.9-GHz band. Bob Schlieman mentioned that, in sending data, there is no specific application in industry — there are multiple applications for sending data. Therefore, it would not be wise to establish standards that would limit applications. John Robertson noted that payloads were going to be significantly different for different applications and asked if there was a need to determine a standard packet for 4.9 GHz. O'Hara stated that all these were good points and that the committee needs to do more analysis before determining the 4.9-GHz plan for Region 8. Peter Meade added that it is important that the committee not rule out any specific technology at this juncture.

Next, O'Hara presented a Microsoft PowerPoint presentation that highlighted many of the actions taken by the Spectrum Policy Task Force (SPTF) during the last year. O'Hara stated that he was not going to go over each and every slide in the presentation. He stated that he would discuss some of the most pertinent FCC dockets that could potentially impact Region 8's 4.9-GHz plan. He also stated that, if anyone had a question regarding any of the slides not covered in his discussion, he would be more than happy to answer these questions via e-mail or telephone.

During his presentation, O'Hara announced that the Canadian issues that have impacted the US and Canadian 700-MHz harmonization are essentially solved. He stated that he expects that the FCC and Industry Canada will release these solutions sometime later this year. O'Hara also cited FCC Docket WT 03-187, *Effects of Communications Towers on Migratory Birds*. He stated that the FCC had initiated a Notice of Inquiry (NOI) to collect information regarding the impact that communications towers have on migrating birds. He warned the committee not to take this docket lightly.

O'Hara also alluded to some of the standards-based work accomplished by the SPTF that related to UNII bands and IEEE 802.11a standards.

During the presentation, a discussion occurred regarding the FCC's NPRM on Cognitive Radio. O'Hara told the committee members to ask themselves if they want radios to decide the bands that will be used during a given scenario and do they want the same radios to allow other users to use their allocated bands when they are available. The



good point about Cognitive Radio is that it is an interoperability enabler. The bad point is that it allows Public Safety spectrum to be shared with other services.

O'Hara also provided some insight regarding FCC Docket ET 03-65, Interference Immunity Performance Standards for Receivers, Review of Commission Rules and Policies affecting Transition to Digital Television. O'Hara stated that Performance Standards for Receivers is a very important issue to Region 8. He recommended that the Committee stay on top of this docket.

Near the end of his briefing, O'Hara provided two wire diagrams to the committee. The first diagram illustrated how NPSTC was picking up where the NCC had left off in making recommendations to the Public Safety Wireless Advisory Committee (PSWAC) and as an advocate for public-safety telecommunications issues. The second wire diagram showed the various groups/committees (Technology, Interoperability, and Spectrum Management) within NPSTC. O'Hara highlighted that Steve Devine was the chairperson for the Spectrum Management group/committee. He stated that Devine is attempting to set up a National RPC through his committee and that Region 8 should align itself with this effort to have a voice at the national level. If Devine is successful, the RPCs will be represented at NPSTC with a voting member. The Chair stated that he would send a letter to NPSTC in support of this effort.

Working Group Activities

700-MHz Technical Working Group – John Robertson, WG Chair

John Robertson reported that the 700-MHz Technical Working Group conducted a conference call on November 25, 2003. He stated the primary purpose of the conference call was to organize the working group. The group looked at forming subgroups to accomplish the following tasks:

- Regional Plan Summary,
- Utilization of Interoperability Channels,
- Allocation of General-Use Spectrum,
- Priorities in Areas where not all Eligibles Could Receive Licenses,
- A Detailed Description of how the Plan Put Spectrum to the Best Possible Use, and a
- Detailed Description of the Future Planning Procedures.

Robertson stated that he asked the members of the working group to volunteer to work in a subgroup in which they had an interest or in a subgroup in their area of expertise.

Peter Meade asked if the members of the 700-MHz Technical Working Group had looked at any of the other states' 700-MHz plans. It was pointed out that URLs to other states' 700-MHz plans had been sent to all of the members of the 700-MHz Technical Working Group. Several of the members of this group who were present acknowledged



that they had looked at some of the plans from other states. Additionally, Robertson had brought a softcopy of all of the 700-MHz plans for anyone who was interested.

After Robertson ended his summation of the 700-MHz Technical Working Group conference call, he announced that the next conference call would take place during the week of January 26, 2004. He will canvass the working group to determine which day of the week would be best on which to hold the telephone conference.

700-MHz Research WG – Kenneth Link, WG Chair

Ken Link pointed out that his duties were making it very difficult to chair the 700-MHz Research Working Group. He asked if there were someone willing to assume the role as Chair of this working group. Bob Schlieman stated that this working group was a very important working group and that he felt that the Chair for this group should be someone who actually worked in Region 8. The committee overwhelmingly agreed with Schlieman. Link stated that he could Chair the committee if he had someone who could act as a Vice Chair of the working group. Sal DiRaimo volunteered to act as the Vice Chair of the 700-MHz Research working group.

After the working group agreed to DiRaimo serving as the Vice Chair for the 700-MHz Research working group, Link stated that he needed some help in getting a conference bridge. Joe Yurman said that he had a bridge available and that he would assist Link in setting up a conference call. Link stated that he would poll his working group and determine a date for a conference call.

700-MHz & 4.9-GHz Administrative and Writing WG – Peter Meade, WG Chair

Peter Meade stated that the writing working groups had successfully accomplished four of the five tasks that they had set out to perform.

4.9-GHz Technical Requirement WG – Felix Melendez, WG Chair

Felix Melendez provided the committee an update of the 4.9-GHz Technical Requirements Working Group activities. Melendez began his update by providing a summary of the working group's conference call that occurred on December 4, 2003. He told the committee that the first order of business of the conference call was to elect a Vice Chair and Secretary for the working group. He explained that, after selecting a Vice Chair and Secretary, the working group discussed mission-critical and non-mission-critical applications for use of the 4.9-GHz bandwidth. He stated that the members of the working group were asked to identify the applications they use and to look at various scenarios in deciding the levels of priority for the next conference. These include:

- Full motion video,
- Robotic Control,



- Biometrics-Fire Department (in comparison to the biometrics application identified in the 700-MHz band, Melendez described this as a “baseline application”),
- Wideband Data applications,
- Building Plans, and
- Support of ITS applications (e.g., control traffic lights during emergency incidents).

Melendez mentioned that Sal DiRaimo volunteered to put together a list of applications that agencies and users are considering. Melendez asked the members of the working group to forward their thoughts to him and help him identify applications.

The working group also discussed the development of MOUs. The group decided that MOUs must be developed and set in place so that, once the band is in use, agencies will cooperate with each other.

Melendez informed the committee that the working group also discussed input masks during the conference call. Specifically, the group’s discussion centered on the Petition for Reconsideration filed by NPSTC on behalf of Public Safety. He told the committee that Sean O’Hara provided a presentation to the working group regarding the Petition for Reconsideration. Melendez also mentioned that O’Hara’s presentation evaluated three different masks: the DSRC, Motorola/FCC, and 802.11 masks. Additionally, the presentation pointed out that the Petition for Reconsideration asked the Commission to loosen the 4.9-GHz mask. Specifically, the petition asked the FCC to allow for two masks based on the power levels.

After providing a summary of the 4.9-GHz Technical Requirements Working Group conference call, Melendez spoke about the Request for Information (RFI) *Regarding Provision of Citywide Wireless Network Services to the City of New York*. He informed the committee that the New York City Department of Information Technology and Telecommunications (DoITT) issued an RFI and requested that responses be delivered to DoITT no later than January 28, 2004. Melendez detailed some of the information that DoITT was requesting. Specifically, he highlighted the information regarding 4.9-GHz spectrum and the various technologies that are being considered.

As Melendez finished his update, Maribel Martinez suggested that the meeting notes for the 4.9-GHz Technical Requirements Working Group conference call be sent to all of the Region 8 committee members. Melendez asked Bob Manion to do this.

After Melendez completed his update, Joe Yurman asked if an entity that has a license in the 4.9-GHz bandwidth could operate now. Bette Rinehart commented that, if someone is currently using 4.9-GHz for an application, they are probably using experimental equipment. It was suggested by a member of the committee that the RPC consider developing and implementing MOUs that force the users of 4.9-GHz frequency to convert to 4.9-GHz standards once these standards are established.



Another member suggested that the committee consider a two-step process. The first step would be to conform to a plan only after standards are established. The second step would be to ensure that there is no interference in the plan. Sean O'Hara stated that the way that the current rules are written by the FCC, the RPC does not have the ability to force users to comply with any standards. Bob Schlieman moved that the committee petition the FCC to give the RPC more authority to make users of 4.9-GHz frequency comply with the RPC. John Robertson seconded the motion. The motion was voted on and approved.

Old Business

Peter Meade read to the committee the letter that the Administrative Working Group wrote and filed with the FCC regarding Channel 16, the Ex parte filing to the FCC ET Docket 03-158; MB Docket 03-159, *Amendment of Parts 2, 73, 74 and 90 of the Commission's Rules to Permit New York Metropolitan Area Public Safety Agencies to Use Frequencies at 482-488 MHz*. He informed the members that the FCC had acknowledged receiving the letter.

Meade provided the members of the committee with copies of the letter submitted to the Commission in support of Public Safety entities' use of Channel 16 in the NY metro area.

Peter Meade informed the members of the committee that Region 8 choose not to comment on MB 03-185, *Amendment of Parts 73 and 74 of the Commission's Rules to Establish Rules for Digital Low Power Television, Television Translator, and Television Booster Stations and to Amend Rules for Digital Class A Television Stations*.

New Business/Comments

Peter Meade read the letter that the Committee intends to send to the FCC regarding *Low Power Television Translators, Class A Television: Proposed Construction Permits; Report No. PGL03-6 Released: October 27, 2003*. After he finished reading the letter, he announced that a representative from Island Broadcasting Communications was at the meeting and wanted to address the committee regarding this issue.

The representative from Island Broadcasting Communications stated that Island Broadcasting Communications wanted to use the station addressed in the letter on an interim basis. He stated that officials from Island Broadcasting Communications would be willing to sign an MOU stating that they would vacate the station when it needed to be used by Public Safety.

The committee discussed this matter. Specifically, the committee discussed the contents of the letter and how much notification must be given to Island Broadcasting Communications to vacate the station. Peter Meade stated that he was concerned that, if the committee were to allow Island Broadcasting Communications to broadcast on



interim basis, the committee might be setting a precedent that other “less-than-kind” TV stations might exploit and that might have different long-term goals.

Bob Schlieman moved that we proceed with the letter and confer with Robert Gurs of Fletcher, Heald & Hildreth, P.L.C. to get legal advice regarding a potential MOU with Island Broadcasting Communications. Sean O’Hara seconded this motion, and the motion passed.

The Chair asked if there was any other new business. John Robertson asked the committee to consider allowing industry to use the Region 8 700-MHz reserve channels to test experimental applications and technologies. He suggested that a MOU be developed stating that the “reserve/test” channels be vacated when needed. Several of the committee members thought that this might be a good idea — provided that there is no impact on other agencies using 700 MHz. Bob Schlieman pointed out that, at the present time, no 700-MHz equipment (other than some experimental equipment) is yet available. It was suggested that the FCC might be willing to grant limited licenses once the committee has established 700-MHz requirements. Bette Rinehart stated that the FCC might have some issues with granting limited licenses for RPC channels. Bob Schlieman once again suggested that Robert Gurs of Fletcher, Heald & Hildreth, P.L.C. be consulted. There was a consensus from the committee to proceed in that manner, and it was agreed to discuss this further at the next meeting.

Schedule Next Meeting

The next Region 8 700-MHz Regional Planning Committee meeting is tentatively scheduled for 10:00 a.m. on March 30, 2004 at the NYC Transit Authority, 2 Broadway, New York, New York.

Adjourn

The Chair adjourned the meeting at 12:13 p.m.



April 6, 2004 Public Meeting Notice

**NEW YORK/NEW JERSEY
FCC REGION 8 700 MHZ
REGIONAL PLANNING COMMITTEE**

MEETING NOTICE

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE / TIME: Tuesday April 6, 2004 at 10:00 am

LOCATION: NYC Transit Authority
2 Broadway
New York, NY 10004

DIRECTIONS: See attached

AGENDA:

- 1. Review And Approve Agenda**
- 2. Review and Approve January 8, 2004 Meeting Report**
- 3. Interoperability (SIEC Reports)**
 - a. New Jersey**
- 4. 4.9 GHz Update-Sean O'Hara**
- 5. Working Group Activities**
 - a. 700 MHz Technical Working Group – Jack Robertson, WG Chair
 - 700 MHz Working Group Activities-Sean O'Hara
 - b. 700 MHz Research WG – Kenneth Link, WG Chair



c. 4.9 GHz Technical Requirement WG – Felix Melendez, WG Chair

6. NTIA Spectrum Management Update-Sean O’Hara

7. Old Business

- *Petition to Deny- Low Power/Television Translators, Class A Television: Proposed Construction Permits-Island Broadcasting- Peter Meade*
- *Petition the FCC to include language in the rule to more clearly state the responsibilities of the RPC*
- *EXPARTE (96-86) requesting the RPC to also be made part of the decision making for granting experimental licenses or exceptional STA on reserved channels in our region.*
- *Letter to Steve Devine in support of a National 700 MHz Committee*

8. New Business / Comments

9. Schedule Next Meeting

10. Adjourn



April 6, 2004 Meeting Report

Metropolitan, NYC Area New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

VICE CHAIR: Anthony Melia
Essex County Sheriff's Department
Office of the Chief
(973) 621-4073

DATE/TIME: Tuesday, April 6, 2004, at 10:00 AM
LOCATION: NYC Transit Authority
2 Broadway
New York, New York

The Vice Chair Anthony Melia called the meeting to order at 10:13 AM. He announced that Peter Meade was at a funeral and therefore unable to Chair the meeting.

Melia then thanked the New York City Transit Authority (NYCTA) for hosting the meeting and made several administrative announcements regarding emergency procedures and the facilities available to the membership.

Review And Approve Agenda

The Vice Chair directed the members' attention to the agenda handout and asked them to take a couple of minutes to read the agenda for the meeting. He then asked for a motion to approve the agenda for the meeting. Bob Schlieman made the motion, and Vincent Stile seconded it. Sean O'Hara then announced that he would provide the committee with an FCC Technical Advisory Committee update. O'Hara stated that this would not impact the agenda. The committee then voted to approve the agenda.

Review and Approve Previous Meeting Report

Next, the Vice Chair asked the committee members to look at the Meeting Report handout for the last Region 8 700-MHz Meeting. He again requested that the members take some time to read the report. After a couple of minutes, Sean O'Hara noticed an error in the Meeting. O'Hara noted that the third paragraph on page 2 should read "NPSTC" and not "SPTF." Bob Manion stated that he would amend the Meeting Report from January 8, 2004 and e-mail it to the committee members. At this, Bob Schlieman moved to accept the meeting report with the caveat that the report is changed to



reflect the correct abbreviation. O'Hara seconded the motion and the committee voted unanimously to accept the January 8, 2004 Meeting Report.

At this point the Vice Chair had everyone introduce themselves to the other committee members.

Interoperability (SIEC Reports)

New Jersey

At this point, there was no one from New Jersey who could speak about the State's progress with the SIEC process. However, Raymond Hayling III from the New Jersey Attorney General's Office showed up later and provided an update. This update is presented later in this report.

New York

Dave Cook, the SIEC Chair for the State of New York, provided an update regarding New York State's SIEC. Cook stated that the committee was busy discussing the membership roles and responsibilities. He also stated that New York will have another SIEC meeting in the very near future. This will be the second meeting of New York's SIEC.

4.9-GHz Update – Sean O'Hara

Sean O'Hara informed the committee that he recently went with NPSTC to meet with the FCC. The focus of this meeting dealt with NPSTC's petition for reconsideration on the mask issues. Specifically, it dealt with the proposed mask emission standards desired by Motorola versus the standards requested by Public Safety. O'Hara stated that, on behalf of NPSTC, he also spoke with Motorola. Both Motorola and Public Safety have made some concessions and are working hard to arrive at a consensus that they both can support. O'Hara mentioned that there will be another meeting at the Commission on April 15, 2004.

During O'Hara's presentation, Vincent Stile mentioned that the Nextel Consensus Plan, Docket FCC Docket WT 00-55, *Improving Public Safety Communications in the 800 MHz Band, Consolidating the 900 MHz Industrial/Land Transportation and Business Pool Channels*, or a variation of it, will probably be accepted by the FCC. He stated that the commission intends to vote on this docket at the April 15, 2004 meeting. Stile pointed out several important issues surrounding the consensus plan. One of the biggest issues deals with money. Specifically, from whom is the money going to come? Stile stated that the money must come from Nextel and not the taxpayer. O'Hara affirmed this. Stile added that Nextel must provide all the money and pay for all of the expenses related to the rebanding. There is a concern that Nextel does not have enough money to convert everyone involved in the transition to the new frequencies. Additionally, there has been opposition between commercial entities about the rebanding. However,



Public Safety is not going to get involved in this contention, since its main goal is to operate free of interference. Nonetheless, there will probably be many lawsuits filed by the other cellular providers once the plan is approved — assuming it is approved.

Stile said that, when everybody is moved to the new frequencies, Public Safety would have a block of 2.5 MHz of 800-MHz Spectrum. It was also noted that the New York Metro Area would not receive this much spectrum. The New York Metro Area will be limited to 18 channel pairs as a result of the Consensus Plan. Stile was already aware of this. He added that, for most other regions in the country, Public Safety would have a “nice block of spectrum once 700 MHz is done.” Bob Schlieman asked Stile if there were any “rumblings” from the FCC about narrow banding in 800-MHz spectrum. Schlieman mentioned that narrow banding is currently done only below 512 MHz. Stile stated that, to the best of his knowledge, this is not going to happen.

The conversation then shifted to repacking. A discussion took place that focused on what and who are going to be involved with repacking (e.g., fixing, changing, or adjusting) each regional plan and how the repacking is going to be accomplished as the Consensus Plan is implemented. Bob Schlieman asked about the role of the Regional Coordinating Committee (RCC). During the discussion, the group focused on two possible methods for accomplishing the repacking of each regional plan. One method was to ensure that there is no interference with any adjacent regions as each entity is moved, and to fix the plan as everyone transitions to a new frequency. The other method was to move everyone to the new frequencies as quickly as possible and sort everything out after the move. Vincent Stile stated that the repacking would be accomplished on a region-by-region basis. He also stated that it was his opinion that the Regional Planning Committees should back the second methodology and move everyone into their new frequencies as quickly as possible and then do the necessary repacking. Emil Vogel agreed with Stile and added that he thought it would be a good idea that the Consensus plan (should it come to fruition) be implemented starting on both coasts and worked toward the middle of the country. Vogel also inferred that there was some concern that, if and when the Consensus Plan is approved, time may become a factor. Sean O’Hara mentioned the RPCs will have only 12 months to repack and coordinate with adjacent regions – this is an impossible task. Stile reiterated that, as soon as the Consensus Plan is approved, there would be a “wave” of legal actions initiated by the other cellular providers.

After the discussion regarding repacking had concluded, Vincent Stile informed the committee that Motorola is doing some type of analysis showing who is using what spectrum. Emil Vogel added that Motorola wrote on this subject a white paper titled *700 MHz TV Clearing and its Impact on TV Viewership* in November 2003. Vogel provided the committee members with a synopsis of the paper. He referenced the white paper and said that only 5% of the television stations in the United States impact



public safety's use of the 700-MHz spectrum that Congress designated for Public Safety in 1997. He went on to say that a large percentage of the households that view these stations do so via cable. He added that the white paper states, "On the average, only 3% of the households within these stations' coverage tune to these stations over the air sometime during the average week."

Working Group Activities

700-MHz Technical Working Group – John Robertson, WG Chair

John Robertson was unable to attend the Region 8 700-MHz Planning Committee Meeting. In his absence, Sean O'Hara reported on the 700-MHz Technical Working Group Activities. O'Hara, the Vice Chair of the 700-MHz Technical Working Group, reported that sections of the regional plan draft have been distributed to all members of the technical working group. He explained how the working group had concentrated on developing a process for 700-MHz applications.

O'Hara went through the 700-MHz application process with the planning committee members. He discussed the details of each section of the process, which included the proposed scoring matrix, interference issues, conflicts with incumbents, and appendices to the application.

O'Hara explained that the goal of the working group is to automate the application process. O'Hara promised the committee members that, as this process matures, he will provide the committee with additional updates.

700-MHz Research WG – Kenneth Link, WG Chair

Kenneth Link informed the committee members that the 700-MHz Research Working Group did not conduct a conference call since the last Region 8 700-MHz Planning Committee Meeting. He stated that he intends to hold a conference call sometime in the next week or two.

700-MHz & 4.9-GHz Administrative and Writing WG – Peter Meade, WG Chair

Peter Meade was unable to attend the Region 8 700-MHz Planning Committee Meeting. Therefore, no report was given for either of the Administrative and Writing Working Groups.

4.9-GHz Technical WG – Felix Melendez, WG Chair

Felix Melendez, the Chair of the 4.9-GHz Technical Working Group, informed the committee that the working group held two conference calls since the last Region 8 700-MHz Planning Committee Meeting. These conference calls were conducted on January 15, 2004 and on March 4, 2004. He mentioned that he brought hard copies of the minutes from these two conference calls to this meeting and that they are available to anyone who wants them.



Melendez updated the committee on what the 4.9-GHz Technical Working Group had accomplished during its two conference calls. He told the committee members that the working group was in the process of developing a prioritization matrix for all mission and non-mission-critical applications. Melendez explained that the working groups had received input from various agencies in Region 8 specifying their 4.9-GHz application needs. He stated that the working group needs to define standards for these applications. Next, the group needs to identify the spectrum requirements associated with these applications and then look at developing MOUs and SOPs to implement the 4.9-GHz plan.

Melendez also addressed the emission mask standards issue between Motorola and Public Safety. He said that this issue significantly impacts the work being done by the 4.9-GHz Technical Working Group. Melendez indicated that the filings differ in the power levels at which a tighter emission mask is defined. He said Motorola is recommending 0 dBm, and NPSTC is recommending 20 dBm. The impact would be on equipment separation. NPSTC does not feel that defining the interference level at 0 dBm, which only gives an additional 15-30 feet of separation, is worth reducing competition in equipment availability and increasing systems costs. He re-emphasized what was said earlier, that NPSTC and Motorola were apparently working on some type of compromise.

Melendez then spoke about the RFI for DoITT. He told the committee that DoITT received 44 responses to its RFI. These responses — which came from a wide-range of vendors, including chip set manufacturers, equipment manufacturers, systems integrators, cellular providers, and others — are being used in writing the Request for Proposals (RFP). He said that the responses included 802.11, 802.16, and 802.20, as well as point-to-multipoint approaches. Melendez stated that DoITT was looking at 802.20 to fulfill many of its requirements in the City. He stated that the City of New York has incorporated much of the feedback resulting from the RFI into the RFP. He added that the RFP has already been released. Melendez said he expects to receive responses on May 25, 2004. He stated that it would be necessary to establish some “sandbox” rules for testing equipment that may be presented in the responses to the RFP. This is also something the working group will have to address as it develops the 4.9-GHz plan.

He also informed the 700-MHz Planning Committee that the 4.9-GHz Technical Working Group is developing some initial rules and guidelines to allow vendors to present 4.9-GHz-related information to the working group. Specifically, the group is developing a general questionnaire that can be sent to the vendors before they present anything to the working group. Based on how the vendor responds to this questionnaire, the working group will decide if it even wants the vendor to come and present information.



Finally, Melendez told the committee that the working group was holding another conference call on April 15, 2004. The main purpose of this meeting would be to finalize the priority matrix.

NTIA Spectrum Management Update - Sean O'Hara

Sean O'Hara addressed the committee members and informed them that the National Law Enforcement and Corrections Technology Center (NLECTC) had received an invitation from the FCC to make a presentation to the National Telecommunications and Information Administration (NTIA), Office of Spectrum Management, on behalf of public safety communications. Representing NLECTC, O'Hara made a high-level presentation on *Communications Requirements for Public Safety* to NTIA's Office of Spectrum Management. He made this same presentation to the Region 8 700-MHz Planning Committee at the meeting.

In his presentation, O'Hara introduced some significant communications requirements. At a high level, he spoke about performance/quality of service, equipment, interoperability, and security requirements as they pertain to public safety. He provided some details on the types of security required by public safety (e.g., physical security, network security, etc.). He addressed other requirements germane to public-safety communications such as: communications characteristics, loading profiles, and the effects of group loading, and mapping requirements to larger markets.

During his presentation, O'Hara went into some detail in explaining mission-critical and non-mission-critical applications. He stressed that not all public-safety communications are mission critical and not all public-safety communications have the same latency. He defined mission-critical applications as "immediately and directly affecting loss of life or property." O'Hara cited some examples of mission-critical applications for both voice and data. He stressed the need for immediate priority of these applications. He also stated that non-mission-critical applications could tolerate delays and do not require priority. O'Hara stated that with non-mission-critical applications, it "does not matter if it takes one second or ten seconds to complete communications."

Additionally, O'Hara stressed an important difference between the cellular industry and public safety. O'Hara pointed out that the cellular industry requires a large number of communication sites. A greater the number of sites will result in more capacity for the cellular industry, which leads to more revenue. Conversely, public safety still requires a large number of sites. However, it has less capacity and, instead of revenue, the large number of sites results in a significant cost to the taxpayer. O'Hara inferred that public safety tends to have more noise-limited designs. He stated that, "A three to five dB in noise floor increase could mean hundreds of millions of dollars of increased cost for a statewide mobile radio system." He added that the FCC's Interference Temperature docket and other floor-raising Spectrum Planning Task Force (SPTF) recommendations are opposed by most public-safety agencies.



At this juncture, O'Hara presented a second briefing titled, *Current and Future Communications Technologies for Public Safety*. During his presentation, O'Hara cited and discussed some of the current public-safety technologies. He also discussed some of the new allocations that are fostering new technologies. He specifically addressed 700-MHz Narrowband and Wideband allocations as well as 4.9- and 5.9-GHz allocations. O'Hara emphasized that these allocations are extremely germane to the committee and its objectives. He then explained how public-safety requirements could be mapped to commercial markets by citing some examples. He finished his presentation with some information on Cognitive Radio and Software Defined Radio (SDR). He emphasized that the FCC has adapted broad definitions for both Cognitive Radio and SDR and that it is too early to assess the impact of these definitions.

After Sean O'Hara finished his presentations, the Vice Chair noticed that Ray Hayling III was present. Hayling provided the committee with an update on the State of New Jersey's SIEC. He stated that New Jersey currently does not have an SIEC, but is in the process of forming one. New Jersey has had several working group meetings to discuss how to form its SIEC. Currently, the State is looking to hire a consultant to assist with this endeavor by assessing the strategic interoperability needs of the State. Hayling stated that the working groups are in the process of breaking the State into regions. He emphasized the need to work closely with New York City and Philadelphia. He also stressed that New Jersey's strategy would be to leverage as much as possible on the work that has been done in other areas. He mentioned that New Jersey has various initiatives including a partnership with Pennsylvania. Hayling said that New Jersey would conduct its first official SIEC meeting in the next couple of weeks. Bob Schlieman asked Hayling if it was New Jersey's intent to focus strictly on 700 MHz or if it intended to include all interoperability frequencies. Hayling replied that New Jersey's intends to include "the whole ball of wax."

Old Business

Bob Schlieman stated that he would contact Michael Wilhelm regarding the 4.9-GHz Plan submission deadline.

Bob Schlieman informed the committee members that negotiations were ongoing between Robert Gurs of Fletcher, Heald & Hildreth, P.L.C. (regulatory council for the State of New York) and the attorneys for Island Broadcasting Communications. The negotiations centered on liability issues. Schlieman explained that the State of New York holds the license for the spectrum that Island Broadcasting has asked to broadcast in. The State is concerned that it may be held liable should an interference issue after Island Broadcasting "goes on the air." Schlieman added that attorneys for both parties are working out the details to an agreement that will allow Island Broadcasting to go on the air and to protect the State of New York from any litigation.



Bob Schlieman also informed the group that Peter Meade had signed a letter that was sent to NPSTC and Steve Devine stating that the Region 8 700-MHz Planning Committee supports the concept of having an RPC representative as a voting member of NPSTC and that Region 8 selected Devine to represent Region 8 interests.

New Business/Comments

Region 19 Update

Jerry Zarwanski provided the committee members with an update on RPC 19 700-MHz issues. In his update, Zarwanski announced that Region 19 has submitted its 700-MHz Plan for review and comment. He stated that the plan had been distributed to the adjacent regions, as well as the to the Native American tribal nations. Zarwanski was questioned if any of the tribal nations had any concerns regarding Region 19 700-MHz Planning Windows. Zarwanski stated that the tribal nations have been invited to all of Region 19's meetings and that they have declined to attend. Zarwanski added that the Region 19 700-MHz Plan did not address 4.9 GHz. He stated that it was Region 19's intent to submit a separate 4.9-GHz Plan at a later date. He concluded his update by informing the committee that Region 19 will conduct two meetings in the May time period to address comments regarding the Region 19 700-MHz Plan. Maribel Martinez asked how comments would be submitted to Region 19. Zarwanski told her that comments will be submitted through Region 19's 700-MHz web site. The URL for this web site is www.ner700MHz.org. The final plan will be submitted to the Region 19 committee for approval at its June 2004 meeting.

Next Meeting

The next meeting is tentatively scheduled for June 22, 2004 at 10:00 AM at the Port Authority on 241 Erie Street in Jersey City NJ.

Adjourn

A motion to adjourn the meeting was made by Vincent Stile and seconded by Bob Schlieman. The meeting adjourned at 12:04 PM.



June 22, 2004 Public Meeting Notice

**NEW YORK/NEW JERSEY
FCC REGION 8 700-MHZ
REGIONAL PLANNING COMMITTEE**

MEETING NOTICE/AGENDA

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE / TIME: Tuesday June 22, 2004 at 10:00 am

LOCATION: NJ Port Authority Technical Center
241 Erie Street, 3rd Floor Skylight Room
Jersey City NJ

1. Review and Approve Agenda

2. Review and Approve April 6, 2004 Meeting Report

3. Interoperability (SIEC Reports)

- a. New Jersey*
- b. New York*

4. Working Group Activities

- a. 700 MHz Technical Working Group – Jack Robertson, WG Chair*
- b. 700 MHz Working Group Activities-Sean O’Hara*
- c. 700 MHz Research WG – Kenneth Link, WG Chair*
- d. 4.9 GHz Technical Requirements WG – Felix Melendez, WG Chair*

5. Urban Area Security Initiative-Robert Schlieman

6. Updates-Sean O’Hara

- a. Regulatory Issues (20 minutes)*
- b. Wideband Standards Activities (20 minutes)*
- c. NPSTC (20 minutes)*



7. Region 19 700-MHz Plan-Jerry Zarwanski/Peter Meade

8. Old Business

- a. *Petition to Deny- Low Power/Television Translators, Class A Television: Proposed Construction Permits-Island Broadcasting- Peter Meade/Robert Schlieman*
- b. *Petition the FCC to include language in the rule to more clearly state the responsibilities of the RPC -EXPARTE (96-86) requesting the RPC to also be made part of the decision making for granting experimental licenses or exceptional STA on reserved channels in our region.*
- c. *CAPRAD Training –Bill Gardner*

9. New Business / Comments

10. Schedule Next Meeting

11. Adjourn



June 22, 2004 Meeting Report

New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday June 22, 2004 at 10:00 am

LOCATION: NJ Port Authority Technical Center
241 Erie Street, 3rd Floor Skylight Room
Jersey City NJ

Review and Approve Agenda

The meeting was called to order at 10:15 AM. An attendance sheet was circulated.

The agenda was amended to include Document for Coordination and dispute resolution for Region 19.

Review and Approve April 6, 2004 Meeting Report

A motion to approve the previous meeting was made by Chuck Clinton, seconded by Anthony Melia. The previous meeting report was unanimously approved.

The Region 19 Dispute-Resolution Letter

Chair discussed the content of the letter received by Region 19. The chair believes the proposed dispute-resolution process meets the needs of Region 8. The letter also establishes a MOU from adjacent region for

A motion to enter into agreement with Region 19 was made by Schlieman and seconded by Jim Hassett.

The Chair will transfer the signed letter to Martinez who will mail it to Region 19.

Interoperability (SIEC Reports)

New Jersey

Ray Haling, Chair of Interoperability council of NJ, indicated that the Council held its first meeting last month. The Council is going to look at all interoperability needs; not limit the NJ 700-MHz interoperability channels.



The Council obtained approval from the Governor's office for the Council to serve as the SIEC for NJ as well. The next SIEC meeting will be held July 22, 2004 in Trenton, NJ at the Justice Complex. A meeting room has not been assigned to date.

New York

Schlieman reported that there has not been a meeting since December 2003. The SIEC Chair is getting ready to schedule a meeting sometime in the near future.

Working Group Activities

700-MHz Technical Working Group – Jack Robertson, WG Chair

The chair indicated that the 700-MHz technical group has been slow moving. He indicated that he will speak to the WG Chair to see if his work load is conflicting with this activity. He suggested replacing the chair of this working group with someone preferably from down state.

700-MHz Working Group Activities-Sean O'Hara

Sean reported that the real focus has been on the assignment of narrowband channels. The document describing the process was distributed, and no comments have been received to date.

700-MHz Research WG – Kenneth Link, WG Chair

The chair reported that Mr. Link has changed/moved jobs and will be stepping down from chairing this activity.

4.9-GHz Technical Requirements WG – Felix Melendez, WG Chair

Region 8 RPC will file an extension to the July 30, 2004 date to submit the 4.9-GHz Plan with the Commission.

Felix Melendez discussed some of the issues that have been discussed in the working group teleconferences. Some documents have been produced and are working documents at this point. Among the documents are

- Petition for deadline extension

- Support of NPSTC's Petition for Reconsideration where masks issues are discussed.

Next teleconference meeting is scheduled for July 22, 2004.

Also discussed were some generic type of report guidelines.

The chair accepted and signed the letter requesting deadline extension and in support of NPSTC's petition for reconsideration. The signed letter was provided to Martinez. Martinez shall mail the letter to the Commission.



Urban Area Security Initiative - Robert Schlieman

Schlieman indicated that Urban Area Initiative has been established by politicians. Urban areas for this region include NY City and Jersey City Area. At the direction of DHS, the NYC Metro area is expecting that, by September 30, 2004, the identified areas have a XXX for interoperability. The program does not provide funds for the identified areas. Dr. Boyde of SAFECOM is leading the program. Melendez asked if they are trying to direct the federal assets (funding and operational support scenarios) and help entities spend the fire money? They are going to provide technical assistance for emergency situation where interoperability is required.

Updates - Sean O'Hara

Regulatory Issues (20 minutes)

Sean presented Regulatory Issues. [A copy of the presentation shall be provided with the meeting minutes.]

He mentioned that Verizon indicated to the Commission that it would bid 5B dollars for the spectrum that Nextel is proposing to have in exchange to rebanding if the spectrum is auctioned. The committee members feel that the consensus plan will end up in federal courts for resolution.

4.9 GHz

Sean discussed the petition for reconsideration made by NPSTC. The petition deals with the mask, technologies within the band, and the RPC's responsibility and "teeth" when managing or dealing with interference among entities. The Commission has not taken any action regarding the Petition for Reconsideration. The Petition for Reconsideration was filed almost a year ago. The issue that still needs to be resolved is that a tighter emission mask is required for operating at higher power levels.

Sean mentioned the RFI that the Commission did regarding use of unlicensed devices in 700-MHz TV channels. The filing is due in September and the docket is ET 02-148. This committee shall file their comments regarding the Commission's proposal.

MB 03-15 - there is still no action on this filing. NPSTC is going to develop guidelines for filings requesting short spacing. Sean indicated that this region can provide the commission data that supports short spacing in the 700-MHz band in the NYC Metro Area.

DA 04-1021 - Access Spectrum Waiver Request - This filing deals waiver of Section 27.60 of the Commission's Rules.

Wideband Standards Activities (20 minutes) combined with NPSTC (20 minutes)



Sean presented "*Updated on RPC-Related NPSTC Activities.*" [A copy of the presentation shall be provided with the meeting minutes.]

NPSTC's funding source is expected to change in the fall of 2004 from NIJ AGILE to SAFECOM of DHS. Sean discussed the Committee Structure, which included Governing Board chaired by Marilyn Ward, Technology Committee chaired by Glen Nash, Interoperability Committee chaired by John Powel, and Spectrum Management Committee chaired by Steve Devine. The chair asked that any committee member who has the ability to travel to NPSTC and/or Spectrum Management Committee activities to notify him. The chair is willing to allow members to represent him (vote) in any activities led by NPSTC where Region 8 is has a vote.

The FCC still has not released the NCC follow-on actions and plans.

The interoperability Committee adopted a document-numbering system. It was also mentioned that the NCC made a recommendation "statewide vs. state". Sean also reported that there is a software-defined-radio working group within NPSTC. He indicated that the working group is currently developing an RFI for SDR solutions to SAFECOM SoR. The interoperability outreach efforts are working in CAPRAD augmentations to support SIECs and 4.9 GHz.

The Region 5, Southern CA 700-MHz Plan has been approved by the Commission. Its plan did not include 4.9 GHz.

Jack Robertson reported that the 700-MHz working group has gotten smaller and smaller, and he requested more members of the committee to get involved in the process. He is also willing to step down as chair and support anyone who could chair the working group. Robertson is also willing to continue as chair if no one steps up to do so.

Region 19 700-MHz Plan-Jerry Zarwanski/Peter Meade

Zarwanski provided a copy of the most current plan for Region 19. He provided a web site address www.NER700MHz.org for any members who would like to look at its plan and meeting notices, etc. Region 19 is asking for approval of its plan within 60 days. Martinez also received a copy of the plan.

CAPRAD takes into consideration all state and county border areas. A motion to accept R19 plan for review and consideration was made by Schlieman and seconded by Jim Hassett. The motion was unanimously approved.

Old Business

Petition to Deny- Low Power/Television Translators, Class A Television: Proposed Construction Permits-Island Broadcasting - Peter Meade/Robert Schlieman



Schlieman indicated that negotiations between NYS, R8, and Island Broadcasting have ceased. Island Broadcasting filed a petition to deny NY/R8 petition to deny. NYS is no longer pursuing, since it is secondary and will have to move as soon as we are ready to use our spectrum. He indicated that NYS is evaluating using the 700-MHz Statewide assigned channels sooner than expected for underground operations.

Petition the FCC to include language in the rule to more clearly state the responsibilities of the RPC -EXPARTE (96-86) requesting the RPC to also be made part of the decision making for granting experimental licenses or exceptional STA on reserved channels in our region.

Region 8 is supporting NPSTC's petition. Earlier the committee approved a letter that will be sent to the Commission supporting NPSTC's filings and, also as stated earlier, requesting an extension to the filing deadline.

CAPRAD Training –Bill Gardner

Bill Gardner is waiting for Tony Melia to submit his travel expenses related to CAPRAD Training.

New Business/Comments

No new business at this time.

Schedule Next Meeting

The next meeting is tentatively scheduled Tuesday September 15, 2004 at 10:00 AM in Nassau County Police Department. Location TBD.

Adjourn

The meeting adjourned at 12:08 PM.



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November 3, 2004 Public Meeting Notice



PUBLIC NOTICE

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

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DA 04-3177
October 1, 2004

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES ANNOUNCE
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING

The Region 8 (New York – Metropolitan area)¹ Regional Planning Committees will hold two public safety planning meetings on November 3, 2004. The Region 8 700 MHz Regional Planning Committee meeting will convene at 11:00 a.m. at the Nassau County Police Headquarters, 1490 Franklin Avenue, Garden City, New York. The agenda for this meeting includes:

1. Review and Approve Agenda
2. Review and Approve June 22, 2004 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 700 MHz Working Group Activities – Sean O’Hara
 - b. 4.9 GHz Working Group – Felix Melendez, WG Chair
 1. Vendor Presentation – Felix Melendez
5. Updates – Sean O’Hara
 - a. 700 MHz Channel Availability (45 minutes)
 - b. 5.9 GHz Incident scenario simulation and results (45 minutes)

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



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November 3, 2004 Meeting Report

Metropolitan, NYC Area New York/New Jersey FCC Region 8 700-MHz Regional Planning Committee

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Wednesday, November 3, 2004, at 11:00 AM

LOCATION: Nassau County Police Headquarters
1490 Franklin Avenue, Garden City, New York

The Chairperson, Peter Meade, welcomed everybody at 11:10 AM and suggested that the attendees introduce themselves. The meeting was called to order at 11:15 AM after the introductions were completed.

Review and Approve Agenda

Peter Meade, the Chair, asked the committee members to review the agenda, and asked if anyone had comments or objections. There were none, and the agenda was approved by consensus.

Review and Approve June 22, 2004 Meeting Report

The Chairperson asked committee members to review the Meeting Report handout for the last Region 8 700-MHz Meeting. Captain Horace moved to accept the meeting report, and Jim Harris seconded the motion. The committee voted to approve the June 22, 2004 Meeting Report.

Interoperability (SIEC Reports)

New York State

Bob Isby informed the group that Dave Cook was in the process of preparing a meeting subsequent to the meeting held on November 3, 2004.

New Jersey

Raymond Hayling II mentioned that the State of New Jersey was in the process of identifying problems in local and regional areas, determining solutions to the problems, and recommending structure for new interoperability and public safety subsequently,



bringing all regions together. After some discussions, some members of the committee agreed that the 800-MHz utilization also created some areas of concern. The matter of Essex County was also discussed. Vincent Stile wanted to know if the original plan for the County had been accepted. Other members raised the question of channel allocation. Some members claimed that most of the existing frequencies were already being used within the police department and that it might create new problems putting new users in specific channels. Raymond suggested that there should be further discussions on different concerns that were raised regarding interoperability.

Working Group Activities

700-MHz Working Group Activities – Sean O’Hara (Presenter)

Sean O’Hara informed the committee that there was ongoing discussion regarding allocation of spectrum. He informed committee members of the general-use allocation of the 700-MHz band. He also mentioned that he had not received comments or feedback regarding the portion of the 700-MHz plan that had been distributed.

Members raised several points during discussions. The first was the need for frequent meetings of committee members, and a suggestion was made that the Regional Planning Committee meetings occur every six weeks instead of every eight weeks or more. The second was the need for members to set up a timetable and adhere to the scheduled timeline for specific tasks. The third was the importance of information sharing among members of one Regional Planning group and among members of other Regional Planning groups. The fourth was the necessity to solicit comments from other members of regional committees. The fifth was information that was given regarding the 700-MHz website to facilitate information sharing and the need for comments among members of different Regional Planning groups. John Robertson informed members that he had set up an unofficial website for Region 8 to help with information sharing. John said that he would pass the information around. John had used the state of California website as a template. Information from Regional Planning Committees was to be posted on the Region 8 website. John further informed people that members could modify information and then send it to the Region 8 website, and he emphasized the efficiency of using the website.

The sixth point was the need for members to vote to pay for the website that was established by John Robertson. The chairperson suggested that members vote on authorization for the committee to pay John Robertson for the website that he had created. A motion to pay for the website was made by Tony Miller, seconded by Sean O’Hara, and passed. The official website is <http://www.Region8website.org> .

4.9-GHz Working Group – Felix Melendez, WG Chair

Felix Melendez stated that there would be no vendor presentation at this current meeting, although such a presentation was indicated in the meeting agenda. He



mentioned some of the issues discussed in two conference calls and the vendor-presentation meetings that he had attended. Felix stated that the 4.9-GHz working group was trying to finalize application documents involving wireless security. He explained further that the 4.9-GHz-working group had sent e-mails requesting comments on wireless security documents. Felix stated that the “call for comments” documents would be made available on the 4.9-GHz website for Region 8.

Felix informed the committee about the Wireless broadband technology for public safety event that will take place in Los Angeles on January 27, 2005. He mentioned that members should use the <http://4.9GHz.org> link to get additional information. Felix encouraged members to attend the event as observers, even though it was primarily being held for Region 5 and Region 6 committees. Felix emphasized that the 4.9-GHz event would be the first of its kind in the nation.

There was discussion about Subgroups addressing use of portions of 4.9-GHz spectrum for city agencies. The subgroups for city agencies were to discuss the multiple uses and sharing of the 4.9-GHz band and the deployment of applications, and then determine how these applications would be shared.

Updates – Sean O’Hara

700-MHz Channel Availability (45 minutes)

Sean O’Hara mentioned a case that would serve as precedence to other organizations. Sean informed members about the commercial 700-MHz guard band spectrum and how Access Spectrum was granted a license after proving its case to the FCC. Refer to WTB Orders (DA-04-2527).

4.9-GHz Incident Scenario Simulation and Results (45 minutes)

Sean O’Hara introduced his presentation by providing background information about 4.9-GHz spectrum and issues. Sean stated that the National Public Safety and Telecommunications Council (NPSTC) had filed a petition for reconsideration to the Federal Communication Commission (FCC) regarding 4.9-GHz. Sean acknowledged that the petition included three key issues — emission mask restriction, involvement of regional committees, and mandatory standards for 4.9-GHz spectrum.

Addressing the emission mask restriction within the 4.9-GHz spectrum, Sean O’Hara explained that such restrictions meant that none of the widely available global technology could be expected to be used in the 4.9-GHz spectrum without significant modification. The second concern was that the Regional Planning Committees were given the responsibility of managing 4.9-GHz spectrum, but without having the necessary authority associated with spectrum management. The third concern was whether or not mandatory standards should be introduced for 4.9-GHz spectrum. Sean



declared that, of the three stated issues, the mask problem seemed to be the most important.

Sean further explained that there were two schools of thoughts regarding the mask problem. Several vendors, although they were marketing similar products, argued that more mask restrictions were necessary to provide sufficient interference protection to the public safety community. NPSTC and a large industry consortium claimed that the mask restrictions being proposed would limit the ability to influence other markets and would result in higher equipment costs, as well as a limited vendor pool. Sean informed members of a meeting that took place in August 2004 between the Wireless Bureau and NPSTC and of the outcome of that meeting. According to Sean, NPSTC was given a week by the Wireless Bureau to argue its case and to provide supporting evidence that what NPSTC was asking for would not interfere with the Television Projects.

Sean O'Hara introduced his presentation by emphasizing the need for security and quality of service. He gave a detailed explanation of different broadband technologies and the potential for rapid growth. His presentation was a scenario of how interoperability could be used by different law-enforcement agencies. Sean explained that he had chosen a worst-case scenario for the incident scenario.

Interesting discussion followed involving data rate in Megabits/sec, delivered payload, packets, and questions regarding quality of service. Some members were interested in the type of applications that would be used. Sean explained the types of applications, such as text messages and checking of vital signs for telemedicine. Sean said that NPSTC claimed that the voice quality in 4.9 GHz is acceptable, but was not the most efficient application for 4.9 GHz. Some members wanted to know if Regional Planning committees would have influence over individual agencies. Sean responded that agencies would benefit because the Regional Planning Committees would consider specific needs in a County or in a Region. There was also the question of having wider channels for regional planning purposes. Sean replied that each region should address its specific needs. Another member asked if multi-paths should be used to send data-rate information. Sean replied that a technology called MIMO (Multiple Input/Multiple Output) would be built into laptops.

Another member said that the idea of unified command structure lends itself particularly well, because substantial decision-making takes place in unified mode. He gave the example that one organization — such as the fire commander — might be in charge for structural reasons, but that police might be in charge of the security problem. The EMS may be run by both police and fire commanders. The scenario provided an example of interoperability between public safety officials.

There was a discussion regarding how to solve border issues in relation to interference and policies. Sean suggested that Regional Planning Committees should be given the power to enforce the use of 4.9-GHz spectrum. A member asked how problems that



involve adjacent towns and two adjacent states could be resolved. The issue of interoperability was raised a couple of times. One option was to have members of the same city group (New York, New Jersey, Connecticut) have access to similar information and to make comments. Another option was to provide training to support Intergovernmental Advisory Committee (IAC) needs, and for the Regional Planning Committee to have the flexibility needed for planning.

NPSTC (20 minutes)

Sean O'Hara gave the committee members some background information regarding the National Public Safety Telecommunications Council (NPSTC). Handouts from the NPSTC website were also provided. He mentioned that one of the requirements needed to be including a voting member who represented a group of organizations, such as a Police Chief organization. Voting members comprise a steering committee.

Sean O'Hara briefly described NPTSC working groups and what these groups were doing. He explained that the Association of Public Safety Officers (APCO) and some amateur radio operators had commented against the FCC Notice of Proposed Rule Making (NPRM). He said that NPTSC was another organization that would represent — to the FCC — issues that were also important to the Regional Planning Committees. Sean urged committee members to attend the next NPSTC Governing Board Meeting in the New York City Hilton, to be held November 19, 2004 from 9:00 AM to 5:00 PM. Presentations at the meeting will include "Security Working Group and 700-MHz Wideband".

Region 19 Update

700-MHz Plan – Jerry Zarwanski/Peter Meade

Jerry Zarwanski, the representative from the Region 19 700-MHz Regional Planning Committee, provided the committee with an update of Region 19 activities. Jerry stated that Region 19 had finished its plans and had submitted these plans without Region 8 approval. A motion to get Region 8 concurrence on the Region 19 plan made by Sean O'Hara, seconded by Raghunandan from NYCT, and unanimously approved.

Dispute Resolution Process

Some members suggested that, after the 60-day window, regions should be able to move forward with their plans.

Old Business – FCC Approved Petition to Extend 4.9-GHz Plan Submission Date

Discussion included the six-month extension that was granted by the Federal Communication Commission (FCC) concerning the 4.9-GHz plan. The FCC had given the Regional Planning Committees (RPCs) twelve-months to submit the 700-MHz

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



regional plans on procedures to be used for spectrum sharing within each region. NPSTC had filed a petition to request a twelve-month extension after the July 30, 2004 deadline for regional planning committees to submit their plans for guidelines regarding spectrum sharing within regions.

New Business/Comments

None

Next Meeting

The next meeting was tentatively scheduled for the second week of January 2005; no specific date or location was agreed on. The other tentative months for future meetings were March, May, July, September, and November 2005.

Adjourn

Emit Vogel moved to adjourn the meeting and Raymond Hayling II seconded the motion. The motion passed, and the meeting adjourned at 2:10 PM.



March 2, 2005 Public Meeting Notice



PUBLIC NOTICE

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Washington, D.C. 20554

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DA 05-305
February 3, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES ANNOUNCE
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING

The Region 8 (New York – Metropolitan area)¹ Regional Planning Committees will hold two public safety planning meetings on March 2, 2005. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the New Jersey Port Authority Technical Center, 241 Erie Street, 3rd Floor Skylight Room, Jersey City, New Jersey. The agenda for this meeting includes:

1. Review and Approve Agenda
2. Review and Approve November 3, 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9 GHz Working Group – Felix Melendez,
 - b. 700 MHz Working Group Activities
5. Old Business
 - a. Region 19 Plan Amendment and approval
 - b. Dispute Resolution Process Amendment and approval
6. New Business/Comments

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Review and Approve Meeting Agenda
2. Review and Approve November 3, 2004 Meeting Report
3. Old Business
 - a. EXPARTE filing on December 2, 2004 (Nextel interference protection levels)
 - b. Licensed approvals
 - i. Suffolk County-Town of Babylon
 - ii. NYS Statewide Wireless Network
 - iii. Metropolitan Transit Authority
 - iv. Application Guidelines
4. New Business/Comments
 - a. Region 19 Windows 14 and 15
5. Schedule Next Meeting

Both of the Region 8 Public Safety Planning Committee meetings are open to the public. All eligible public safety providers whose sole purpose or principal purpose is to protect the safety of life, health, or property in the New York – Metropolitan 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, 800 MHz bands, and/or the newly allocated 4.9 GHz band within Region 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz Regional Planning
140 15th Street
Mineola, New York 11501
(516) 571-6400 (voice)
(516) 571-6407 (fax)
Email: NCFCFC1@aol.com

– FCC –



March 2, 2005 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Wednesday, March 2, 2005, at 10:00 AM

LOCATION: New Jersey Port Authority Technical Center
241 Erie Street, 2nd Floor Skylight Room
Jersey City, NJ

The Chairperson, Peter Meade, welcomed everybody at 10:20 AM when the meeting was called to order.

Review and Approve Agenda

Peter Meade, the Chair, asked the committee members to review the agenda, and asked if anyone had comments or objections. There were none, and the agenda was approved by consensus.

Review and Approve November 3, 2004 Meeting Reports

The Chairperson asked committee members to review the meeting report handout for the previous Region 8 700-MHz meeting that took place on November 3, 2004. John Robertson moved to accept the meeting report, and Raymond Hayling II, seconded the motion. The committee voted to approve the meeting report.

Interoperability (SIEC Reports)

a. New York State

Robert Schlieman stated that New York had a group of people working on organizing a meeting. Schlieman added that New York would have something to report by the next meeting.

b. New Jersey

Raymond Hayling II informed the RPC Region 8 members that New Jersey was still in the process of working out interoperability issues. He stated that the three main concerns that the state of New Jersey had at this point were infrastructure, the question of whether or not to re-write the plan, and the cost of coordination between cities and counties.



Raymond stated that there were challenges in using interconnect switches such as the AC 1000, etc. He said that they had discussed some of the challenges in using these switches and different frequencies; further, they also had concerns regarding adjacent frequencies, channel techniques situations, and how it would progress in New York City and expand out to other New York counties, etc.

Raymond stated the question of re-writing the plan came up during discussions involving interconnect ITEC channels.

Raymond also said that another issue was how to coordinate cost in respect to state, county and city boundaries. Raymond acknowledged that, even though the interoperability group did not reach any conclusions regarding these concerns, there was a good turnout and they had a good dialogue.

Peter Meade stated that it was a tremendous undertaking by Raymond and said that he appreciated the time and effort of those involved.

Robert Schlieman asked Raymond what the State of New Jersey had done regarding the SIEC and if there were 800-MHz issues. Raymond responded that New Jersey had added more UHF resources and added new resources in areas where New Jersey adjoins Region 8 and Region 28. Raymond said that they had added 150 radios statewide, consisting of 800-MHz, UHF, and VHF radios. He said that the State of New Jersey was trying to resolve the challenge of dealing with two different regions, hence the need for another plan. Raymond gave the example of Southern New Jersey expecting to have everything turned on all the time while the other region expected everything to be turned off all the time. Raymond clarified that New Jersey was planning to have everything turned off all the time.

Robert Schlieman stated that one of the problems that they were trying to come to grips with this year was that, earlier on, they had issues when they were handling the 800-MHz band. New York was trying to come up with a common control point that would be the point of contact for identifying where resources were needed dynamically as events occurred. The objective was that repeaters would not be locked up and that this common control point would monitor the calling channel for requests and be aware of where repeaters were in use and where channels were in use. Schlieman emphasized that Regions 8 and 28 had primary and secondary default channels for interoperability based on counties. Schlieman stated that they were trying to come up with a scheme for bringing the calling channel audio back to the control point. Schlieman acknowledged that it was difficult in terms of resources to carry the signals and wondered if New Jersey had similar concerns or problems.

Raymond Hayling II responded that there is one central control point in five areas. Two areas are in Region 8, and the rest in Region 28. Areas in Region 8 had one central control point, turning on and off an appropriate channel for appropriate counties. New Jersey has also added receivers to boost the signals in order to coordinate assets. Raymond added that they had requested that individuals using ITEC 4 or ITEC 1 call central dispatch.

Robert Schlieman asked Raymond if there was a draft plan at this point, and Raymond replied that they had an interim operating policy and an interim MOU (Memorandum of Understanding) signed by all the county governments. Raymond affirmed that they had started examining



where there were problems. Raymond confirmed that they were working on standard operation procedures to get down to final details with radios tests and exercises, so that New Jersey could start using and testing some of its equipment. Raymond said that they were monitoring the talk-around channel.

Raymond Simonetti from Port Authority said that the original plan for Region 8 needed to be re-written. Raymond mentioned that the original plan did not address how to operate on multiple control points. He stated that Port Authority had one control point until recently, and now it has multiple control points. In addition, he stated that the port authority had EDACs (Enhanced Digital Access Communications System by Ericsson) that monitored applications all the time. Raymond asserted that they could monitor applications at the Port Authority as well as at the Port Authority headquarters. Robert Schlieman responded by stating that the original plan for Region 8 did not address any control point.

Robert Schlieman said that he did not attend the local meeting, but that the meeting had implications in part to the Statewide Interoperability Executive Committee (SIEC) when dealing with the whole section of the FCC Interoperability channels. Schlieman further suggested that SIEC should come up with a uniform plan that would work, because some agencies, parks, and states did not have anything.

Sean O'Hara informed the committee members that the National Public Safety Telecommunications Committee (NPSTC) had held a meeting early in February. Sean stated that SIEC had been coming to NPSTC to look for guidance to form some type of national SEIC. Sean said that NPSTC agreed to support SIEC through some type of funding. Sean informed the group that NPSTC suggested that SIEC have plans in consolidated locations, have resources that SIEC could share on how to set up individual SIECs, and have a public procedure in place.

Sean stated that NPSTC group was divided into four-subgroups, Northeast, West Coast, Mid West, and Central. He added that he was given the responsibility to determine the needs of SIEC in the Northeast and to report these needs to NPSTC. Sean stated that he was interested in working with the committee members to reach other agencies or groups in order to determine the common needs. Once these needs were identified, SIEC would get funding based on these needs.

Peter Meade stated that, in the 1980s, there was no funding whatsoever, and that he was always pleased that NPSTC was willing to support SIEC.

Working Group Activities

a. 4.9-GHz Working Group Activities – Felix Melendez

Felix Melendez stated that the 4.9-GHz working group had held two meetings since the last Region 8 meeting. Melendez stated that the working group had done six things. First, the 4.9-GHz working group was working to finalize application documents. Second, the working group had drafted a wireless security document to be incorporated into the applications document. Third, the group had put together a high-level draft framework for a 4.9-GHz Regional Plan. Fourth, Melendez mentioned that the rule and order regarding mask issues that was released on November 12, 2004 had been established, but that he was unsure whether the ruling had reached the federal registry. Fifth, he stated that the working group was not adopting a technology standard.



Sixth, Melendez informed the committee members that the 4.9-GHz demonstration was postponed because of issues with satellite feeds. The new scheduled date for the demonstration is May 18, 2005.

Melendez informed the members that the next 4.9-GHz meeting is scheduled for March 15, 2005. Melendez also thanked the 4.9-GHz participants for the information provided and stated that he was certain that the group would meet the FCC deadline.

Meade asked if anyone had any comments or questions for the 4.9-GHz working group, and he acknowledged it was a huge hurdle and that he was glad that the group was moving ahead in spite of the challenges.

b. 700-MHz Working Group Activities

Peter Meade asked the committee members how much modification took place during the teleconferences. He also informed the group of the draft document that represented the first four documents of the Region 8 800-MHz Regional Plan. He noted that Jeff Robertson and other committee members had participated in teleconferencing and brainstorming sessions. Jeff stated that the Regional Plan was on the website and that members had access to all chapters. In addition, Jeff further said that he did not take the minutes of the teleconferencing session.

Peter Meade stated that he would assume that committee members had looked at chapters one to four of the Regional plan.

Schlieman mentioned that there were some changes made to the plan and asked Travis LePage to elaborate on the changes. LePage said that there were only minor modifications. LePage noted that Gerard informed them that the actual population that Region 8 encompasses was seven percent instead of ten percent. Other changes to the document included formatting, names, and wordings.

Robert Schlieman further explained the changes in Section 2 of the Regional Plan Document. He said that they moved the membership list to Appendix A, and that the other appendices were in the process of being arranged in alphabetical order. Additional changes included re-numbering and re-lettering. Furthermore, Schlieman said that there were discussions involving bylaws and that he had clarified to the participants of the Regional Plan document that bylaw changes would be considered a separate issue and had to be addressed as a separate issue. Schlieman stated that, in the second paragraph in section 4 of Region 8, they had inserted counties and cities into the list of sub-commissions. His only regret was that more people had not participated in the conference call, and he acknowledged that those who participated in the conference call were productive.

Anthony Melia asked Schlieman to clarify what was meant by primary and secondary parameters. Schlieman asked him to look at the map and to note that the radial distances out around New Jersey, the lower counties in New York, the western part of Suffolk County, and the western part of Riverhead were all about the same. Schlieman explained that the original concern, going back to 800-MHz, was that, within that area, frequencies are in very tight supply. Schlieman said that the members needed to expect that the same issue may apply to



700-MHz frequencies, and that applicants needed to pay attention to frequency re-use for other licensees.

Emil Vogel mentioned that some of the counties in the Hudson Valley have not been upgraded for 23 years ago. Schlieman said that, based on the census data, the geographical data still held, and he mentioned that the northern section has a substantial geographic isolation.

Sal DiRaimo stated that Region 8 teleconference participants looked at the growth rate based on the last census. The primary region had a slightly higher growth rate than the secondary areas. Felix Melendez asked if the same issues applied in primary and secondary zone, and he was told that they do.

Emil Vogel asked about what was done a couple of years ago in respect to secondary versus primary areas. Schlieman replied that nothing had been done to change the map. He stated that the 800-MHz frequencies had a lot of area to cover. It was discussed that the specifications in 700 MHz are tight and that channel plans had overlapping issues.

Sean stated that there is a table in the technical guidelines that enables the applications to do a quick analysis and determine that the applications and not introducing interference

A motion to accept the 800-MHz Regional Plan with minor changes to the Regional Plan version 11, sections 1-4, was made by Robert Schlieman and seconded by Charles Clinton. Meade acknowledged that the methodology of conference calls worked, and that members had been able to respond or make changes to the draft. He urged members to make changes to the regional plan and to send comments via e-mails. Sean suggested that some material not included in the draft would be put on the web site for review and comments.

The issue of changing the wording on the Regional Plan to reflect all eligible counties and other entities was discussed, and it was agreed that the details of the "wording changes" would be discussed at the next meeting.

Meade recommended modification of bylaws to move "death" to a less prominent position. The motion was passed by Robert Schlieman and seconded by John Robertson.

Robert Schlieman mentioned the notifications to Native American tribes and questioned if there were any representatives from the Tribal Nations at the meeting that day — but there were none.

Old Business

a. Region 19 Plan Amendment and Approval

Region 19 had submitted a plan amendment to Region 8 for approval. The letter of concurrence was sent in February 2005, stating that Region 8 had concurred with the amendment as presented.

b. Dispute-Resolution Process Amendment and Approval

The dispute-resolution process was amended and resubmitted for approval. There were some comments regarding consistent language. The amendment was sent to Region 30. Schlieman stated that what was needed was a signature on the letter of agreement that Region 30 sent

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



and to have that memorandum of understanding (MOU) signed and returned to Region 30. Meade stated that he had already signed the letter and mailed it out



New Business

Peter Meade wanted to know what happened to the legislation proposed by Senator Schumer that was supposed to be in effect in November 2004. The proposed legislation involved acceptance of high-definition TV, and several steps that he wanted to take to improve the Public Safety position. Meade also wanted to know the resolution of the proposals. Sean said that both had been sent to the House and the Senate, but one of the proposals was “killed” at the last minute because of other issues attached to it. The proposal one was stalled. Sean hoped that it might be out by 2009. Sean would provide further information to the Committee.

Sean said that the 700-MHz spectrum may not be as blocked as previously thought, and that the FCC made progress in providing Public Safety precedence over broadcasting. He noted that the broadcast industry was very powerful. He urged that it was very important for Public Safety agencies to develop waivers and work in a coordinated manner. During the discussions, Schlieman mentioned a “Telephony and Wireless” article by Kevin Fitchard printed on February 24, 2005 that stated that Telecommunications Industry Association (TIA) had petitioned Congress to set by 31 December 2006 a definite date for broadcasters to leave the 700-MHz band. “TIA said that delays in clearing the valuable spectrum are hampering new broadband wireless technological innovation and setting back public safety efforts.” According to Kevin’s article, the benefits to public safety outweighed the broadcaster’s needs.

Schedule Next Meeting

The next meeting is scheduled to take place on May 11, 2005 at 10:00 AM at the Police Academy in Newark, NJ.

Adjourned

A motion to adjourn was made by Robert Schlieman, seconded by Charles Clinton, and passed. The meeting was adjourned at 11:30 AM.



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May 11, 2005 Public Meeting Notice



PUBLIC NOTICE

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

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DA 05-1092
April 15, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN 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 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two planning meetings on May 11, 2005. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Life Safety Complex, Paramus, New Jersey. The agenda for this meeting includes:

1. Review and Approve Agenda
2. Review and Approve March 2, 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9 GHz Working Group – Felix Melendez,
 - b. 700 MHz Working Group Activities
5. Old Business
 - a. Region 8 800 MHz Regional Plan
6. New Business/Comments
7. Schedule Next Meeting

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Review and Approve Meeting Agenda
2. Review and Approve March 2, 2005 Meeting Report
3. Old Business
 - a. Region 19 Windows 14 and 15
 - b. 800 MHz Rebanding
4. New Business/Comments
5. Schedule Next Meeting

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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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz Regional Planning
140 15th Street
Mineola, New York 11501
(516) 571-6400 (voice)
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Email: NCFCFC1@aol.com

– FCC –



May 11, 2005 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Wednesday, March 2, 2005, at 10:00 AM

LOCATION: New Jersey Port Authority Technical Center
241 Erie Street, 2nd Floor Skylight Room
Jersey City NJ

The Chairperson, Peter Meade, welcomed everybody at 10:20 AM when the meeting was called to order.

Review and Approve Agenda

Peter Meade, the Chair, asked the committee members to review the agenda, and asked if anyone had comments or objections. There were none, and the agenda was approved by consensus.

Review and Approve November 3, 2004 Meeting Reports

The Chairperson asked committee members to review the meeting report handout for the previous Region 8 700-MHz meeting that took place on November 3, 2004. John Robertson moved to accept the meeting report, and Raymond Hayling II, seconded the motion. The committee voted to approve the meeting report.

Interoperability (SIEC Reports)

a. New York State

Robert Schlieman stated that New York had a group of people working on organizing a meeting. Schlieman added that New York would have something to report by the next meeting.

b. New Jersey

Raymond Hayling II informed the RPC Region 8 members that New Jersey was still in the process of working out interoperability issues. He stated that the three main concerns that the state of New Jersey had at this point were infrastructure, the question of whether or not to re-write the plan, and the cost of coordination between cities and counties.



Raymond stated that there were challenges in using interconnect switches such as the AC 1000, etc. He said that they had discussed some of the challenges in using these switches and different frequencies; further, they also had concerns regarding adjacent frequencies, channel techniques situations, and how it would progress in New York City and expand out to other New York counties, etc.

Raymond stated the question of re-writing the plan came up during discussions involving interconnect ITEC channels.

Raymond also said that another issue was how to coordinate cost in respect to state, county and city boundaries. Raymond acknowledged that, even though the interoperability group did not reach any conclusions regarding these concerns, there was a good turnout and they had a good dialogue.

Peter Meade stated that it was a tremendous undertaking by Raymond and said that he appreciated the time and effort of those involved.

Robert Schlieman asked Raymond what the State of New Jersey had done regarding the SIEC and if there were 800-MHz issues. Raymond responded that New Jersey had added more UHF resources and added new resources in areas where New Jersey adjoins Region 8 and Region 28. Raymond said that they had added 150 radios statewide, consisting of 800-MHz, UHF, and VHF radios. He said that the State of New Jersey was trying to resolve the challenge of dealing with two different regions, hence the need for another plan. Raymond gave the example of Southern New Jersey expecting to have everything turned on all the time while the other region expected everything to be turned off all the time. Raymond clarified that New Jersey was planning to have everything turned off all the time.

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where there were problems. Raymond confirmed that they were working on standard operation procedures to get down to final details with radios tests and exercises, so that New Jersey could start using and testing some of its equipment. Raymond said that they were monitoring the talk-around channel.

Raymond Simonetti from Port Authority said that the original plan for Region 8 needed to be re-written. Simonetti mentioned that the original plan did not address how to operate on multiple control points. Simonetti stated that Port Authority had one control point until recently, and now it has multiple control points. In addition, he stated that the port authority had EDACs (Enhanced Digital Access Communications System by Ericsson) that monitored applications all the time. Simonetti asserted that they could monitor applications at the Port Authority as well as at the Port Authority headquarters. Robert Schlieman responded by stating that the original plan for Region 8 did not address any control point.

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O'Hara stated that NPSTC group was divided into four-subgroups, Northeast, West Coast, Mid West, and Central. He added that he was given the responsibility to determine the needs of SIEC in the Northeast and to report these needs to NPSTC. O'Hara stated that he was interested in working with the committee members to reach other agencies or groups in order to determine the common needs. Once these needs were identified, SIEC would get funding based on these needs.

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Working Group Activities

a. 4.9-GHz Working Group Activities – Felix Melendez

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b. 700-MHz Working Group Activities

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Robert Schlieman mentioned the notifications to Native American tribes and questioned if there were any representatives from the Tribal Nations at the meeting that day — but there were none.

Old Business

c. Region 19 Plan Amendment and Approval

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d. Dispute-Resolution Process Amendment and Approval

The dispute-resolution process was amended and resubmitted for approval. There were some comments regarding consistent language. The amendment was sent to Region 30. Schlieman stated that what was needed was a signature on the letter of agreement that Region 30 sent



and to have that memorandum of understanding (MOU) signed and returned to Region 30. Meade stated that he had already signed the letter and mailed it out

New Business

Peter Meade wanted to know what happened to the legislation proposed by Senator Schumer that was supposed to be in effect in November 2004. The proposed legislation involved acceptance of high-definition TV, and several steps that he wanted to take to improve the Public Safety position. Meade also wanted to know the resolution of the proposals. Sean O'Hara said that both had been sent to the House and the Senate, but one of the proposals was "killed" at the last minute because of other issues attached to it. The proposal one was stalled. O'Hara hoped that it might be out by 2009. O'Hara would provide further information to the Committee.

O'Hara said that the 700-MHz spectrum may not be as blocked as previously thought, and that the FCC made progress in providing Public Safety precedence over broadcasting. He noted that the broadcast industry was very powerful. He urged that it was very important for Public Safety agencies to develop waivers and work in a coordinated manner. During the discussions, Schlieman mentioned a "Telephony and Wireless" article by Kevin Fitchard printed on February 24, 2005 that stated that Telecommunications Industry Association (TIA) had petitioned Congress to set by 31 December 2006 a definite date for broadcasters to leave the 700-MHz band. "TIA said that delays in clearing the valuable spectrum are hampering new broadband wireless technological innovation and setting back public safety efforts." According to Kevin's article, the benefits to public safety outweighed the broadcaster's needs.

Schedule Next Meeting

The next meeting is scheduled to take place on May 11, 2005 at 10:00 AM at the Police Academy in Newark, NJ.

Adjourned

A motion to adjourn was made by Robert Schlieman, seconded by Charles Clinton, and passed. The meeting was adjourned at 11:30 AM.



June 21, 2005 Public Meeting Notice



PUBLIC NOTICE

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

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DA 05-1495
May 23, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN 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 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two planning meetings on June 21, 2005. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at 2 Broadway 20th Floor, New York, New York. The agenda for this meeting includes:

1. Review and Approve Agenda
2. Review and Approve May 11 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9 GHz Working Group – Felix Melendez,
 - b. 700 MHz Working Group Activities – John Robertson
5. Old Business
6. New Business and Comments
7. Schedule Next Meeting

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Review and Approve Meeting Agenda
2. Review and Approve May 11, 2005 Meeting Report
3. Old Business
4. New Business and Comments
5. Schedule Next Meeting

Both of the Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committee
140 15th Street
Mineola, New York 11501
(516) 571-6400
Email: pmead@mail.co.nassau.ny.us

– FCC –



June 21, 2005 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, June 21, 2005 at 10:00 AM
LOCATION: 20th Floor, 2 Broadway, New York City

Members designated Mr. John Robertson, the Chair of the 700-MHz Work Group to preside over the meeting in the absence of the RPC Region 8 Chair, Mr. Peter Meade and the Vice Chair, Lieutenant Anthony Melia. Mr. Robertson called the meeting to order at 10:20AM.

Review and Approve June 21, 2005 Meeting Agenda

Mr. Sean O'Hara made a motion to approve the meeting agenda, and Mr. Ray Simonetti seconded the motion.

Review and Approve March 2, 2005 Meeting Report

Some members requested that the meeting report reflect the correct spelling of names and the correct title of some members. Mr. O'Hara made a motion to approve the meeting report as amended, and Mr. Ray Simonetti seconded the motion. Members unanimously voted to accept the May 11, 2005 meeting report.

Interoperability (SIEC Reports)

New York State

New York had no SIEC report.

New Jersey State

New Jersey had no change in its SIEC activities. A representative from Connecticut stated that Connecticut is developing tactical channels, VTAC (Very High Frequency (VHF) tactical aid channel) and UTAC (Ultra High Frequency (UHF) tactical aid channel) in its plan.



Working Group Activities

4.9-GHz Working Group Activities – Felix Melendez

Mr. Felix Melendez, the Chairperson of the 4.9-GHz Work Group, thanked everyone who participated in writing the 4.9-GHz Work Group guidelines and informed members that the 4.9-GHz Work Group submitted the regional guidelines to the FCC on May 12, 2005. Mr. Melendez reported on a NPSPAC (National Public Safety Planning Advisory Committee) meeting that he attended with Mr. Sean O'Hara, Mr. Vincent Stiles, Ms. Marilyn Ward, and Mr. Peter Meade. Mr. Melendez stated Region 8 concern on the issue of interoperability in the 4.9-GHz broadband and 700-MHz wideband applications.

Mr. Melendez stated that most people did not understand much about data interoperability and made decisions in a "vacuum". Another member stated that it was difficult to mandate standards when the people who should adhere to these standards were not even sure of the type of applications that they would use. Mr. Melendez further noted that it was important for RPC Region 8 members to attend NPSTC meetings to be aware of the type of decisions that NPSTC made and the impact of these decisions to meeting the needs of RPC Region 8 agencies.

Mr. O'Hara reported that the WT Docket 96-86 comments filed with regard to 700-MHz wideband. He stated that the remarks were against interoperability standards at this time. He noted that no defined data applications and that the existing standards deal with air interface without defining applications, making it challenging to achieve interoperability. Mr. O'Hara stated that the FCC tentatively adopted the NCC (National Coordination Committee) recommendation to mandate the TIA 902 Standards. He also noted that there were debates going on regarding the advisability of mandating standards, because such mandates would result in increases in equipment costs. In addition, most comments — including those of RPC Region 8 — were against mandating of standards by the FCC.

Mr. O'Hara also gave an update about the 4.9-GHz demo event that held in California. He mentioned that the Police and Fire personnel conducted two mock incidents using two helicopters. The first helicopter had omni-directional antenna and the second one had a point-to-point steerable antenna. Mr. O'Hara noted that the demo was very successful, and that about two hundred and fifty people were present. He noted that Police chiefs presented unique ways of addressing different concerns in emergencies.

Mr. Joseph Yurman informed the committee that someone from a licensee service had called him with questions regarding 4.9-GHz applications and that he sent him a copy of the Regional Work Group Guidelines and contacts of the 4.9-GHz Work Group Chair. Another member asked whether RPC Region 8 was tracking the licensing and whether RPC Region 8 had a database. A member responded by stating that he could get copies of all 4.9-GHz licensing applications and give the copies 4.9-GHz Chair a listing of the applications before the next meeting.



700-MHz Working Group Activities

Mr. Johnson requested that Region 8 members fill out the “application matrix” document that to resolve discrepancies in the future. Mr. Robert Schlieman clarified that the “application matrix” was based on a submission provided by Mr. Thomas Leonard and urged other members to provide comments regarding the “application matrix”. He further stated that the precedence of the application matrix, would be determined based on the score recommendation by the average of all members submissions.

Discussions included identifying non-governmental and governmental entities based on the FCC rules. Defining words such as “service”, “communication service” and “radio communication service” based on the FCC rules to avoid disagreements in the future and removing all the “examples” from the “application matrix” table to avoid confusion.

A member suggested that the flow chart should include questions that ask agencies whether they are governmental entities, non-governmental entities, or non-governmental with sponsorship from a governmental entity. Mr. Robertson requested everyone to write their comments then he (Mr. Robertson) would e-mail Mr. Travis LePage and Mr. Schlieman the comments from members.

During the discussion, Mr. Schlieman informed members that the signed 700-MHz Canadian agreement was on the FCC web site.

Old Business

None

New Business

None

Schedule Next Meeting

The next meeting will start Tuesday, August 9, 2005 at 10:00 AM at 1 Jockish Square, Life Safety Center, Paramus NJ 07652.

Adjourned

Mr. Emil Vogel made a motion to adjourn the meeting and Mr. Ray Simonetti seconded the motion. The motion was passed unanimously. The meeting was adjourned at 11:39 AM.



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August 9, 2005 Public Meeting Notice

NEW YORK/NEW JERSEY FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE

MEETING NOTICE/AGENDA

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE / TIME: Tuesday August 9, 2005 at 10:00 AM

LOCATION: Life Safety Complex, 1 Jockish Square, Paramus, NJ 07652

1. Review and Approve August 9, 2005 Agenda
2. Review and Approve June 21, 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9-GHz Working Group Activities – Melendez
5. Old Business
 - a. Plan Development
 - i. Report on Service Category Table Values – LePage
 - ii. Review Technical Sections of the Plan – O’Hara
6. New Business/Comments
7. Schedule Next Meeting
8. Adjourn

(800 MHz RPUC meeting follows)



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August 9, 2005 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, August 9, 2005 at 10:00 AM
LOCATION: Life Safety Complex, Paramus, New Jersey

Review and Approve August 9, 2005 Meeting Agenda

Mr. Francis Rodriguez made a motion to approve the August 9, 2005 meeting agenda. Chief Raymond Hayling, II seconded the motion. Members unanimously voted to accept the meeting agenda.

Review and Approve June 21, 2005 Meeting Report

Mr. Rodriguez made a motion to approve the June 21, 2005 meeting report, and Mr. Emil Vogel seconded the motion. The meeting report was approved by consensus.

Interoperability (SIEC Reports)

a. New York State

Mr. Robert Schlieman stated that New York had added another staff member to its team and that the new person was going to assist with SIEC activities. He also noted that New York would be reviewing plans used by various disciplines for mutual aid.

b. New Jersey State

Chief Hayling, II stated that New Jersey received approval to add two people to its Statewide Interoperability Executive Committee (SIEC) staff. In addition, New Jersey has added two interoperability UHF bands. New Jersey was working on "fine-tuning" the interoperability plan and working to get approval for an exercise involving both New Jersey and New York. The exercise would help link different types of plans that are out there.



Working Group Activities

4.9-GHz Working Group Activities – Felix Melendez

Mr. Felix Melendez stated that there had been no 4.9-GHz meetings since May 9, 2005. There were 23 licenses to date, and he noted that he had printed copies of a list of the 4.9-GHz users in the region. When a member asked about an RFP, Mr. Melendez responded that he was unable to comment on the RFP because of ongoing negotiations. Mr. Melendez also noted that he hoped that entities in Region 8 that start building out would, at least, adhere to the Regional Guidelines.

700-MHz Working Group Activities

Old Business

a. Plan Development

i. Report on Service Category Table Values – LePage

Mr. Travis LePage explained that he wanted the members to vote on Sections 8 and 9 of the Region 8 700-MHz Regional Plan. He noted that a conference call had been conducted since the last meeting to review and discuss the "Application Matrix Point Value" document. Mr. LePage used an overhead projector to give an overview of the point-value system.

Some members questioned the reasoning behind the "high-volume traffic" versus "low-volume traffic" category in the application matrix table. Another member explained that members who participated in the conference call reached a consensus that 500,000 people traveling per day would be considered "high-volume traffic."

Another question was whether there is a distinction between transit government and transit non-government. A member noted that all the Public Safety agencies are either government entities or are sanctioned by government entities. After numerous discussions and amendments on the wording, Mr. John Robertson moved to accept Sections 9 and 10 of the Regional Plan as amended, and Mr. Robert Isby seconded the motion. The motion was approved by consensus.

ii. Review Technical Sections of the Plan – O'Hara

Mr. Sean O'Hara was in Canada and unable to attend the meeting. Mr. LePage gave a brief background of the document sent by Mr. O'Hara and requested that members review the document and then schedule a conference call to discuss information to be included in the technical sections of the plan.

Mr. Robert Schlieman made a motion to accept the "Technical Sections of the Plan." Emil Vogel seconded the motion. The motion passed unanimously. Members scheduled another conference call to discuss the technical sections of the plan on September 6, 2005.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



New Business

Schedule Next Meeting

The next meeting is scheduled to take place on September 20, 2005 at 10:00 AM at 2 Broadway, in New York City.

Adjourned

Mr. John Robertson made a motion to adjourn the meeting; Mr. Joseph Yurman seconded that motion, and it passed unanimously. The meeting adjourned at 11:50 AM.



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September 20, 2005 Public Meeting Notice



PUBLIC NOTICE

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

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DA 05-2354
August 26, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN 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 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two planning meetings on September 20, 2005. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at 2 Broadway, 20th Floor - Conference Room C, New York, New York. The agenda for this meeting includes:

1. Review and Approve September 20th Agenda
2. Review and Approve August 9, 2005 Meeting Report
3. Interoperability (SIEC Reports)
4. Working Group Activities
5. Old Business
 - a. Plan Development
 - i. Update – September 6, 2005 Conference Call – LePage
 - ii. Review Technical Sections of the Plan – O’Hara
6. New Business and Comments
7. Schedule Next Meeting
8. Adjourn

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Review and Approve September 20th Agenda
2. Review and Approve August 9, 2005 Meeting Report
3. Old Business:
 - a. Update – Window 8 Applications – Yurman
 - b. Update – 800 MHz National Channels Rebanding Work Group - Simonneti
4. New Business and Comments
5. Adjourn.

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
Email: pmead@mail.co.nassau.ny.us

– FCC –



September 20, 2005 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, September 20, 2005 at 10:00 AM
LOCATION: 2 Broadway, 20th Floor, Conference Room C, New York, NY

Review and Approve September 20, 2005 Meeting Agenda

Mr. Felix Melendez made a motion to approve the September 20, 2005 meeting agenda. Ms. Maribel Martinez seconded the motion. Members unanimously voted to accept the meeting agenda.

Review and Approve August 9, 2005 Meeting Report

Mr. Robert Schlieman made a correction on "Interoperability SIEC Reports" section of the meeting report. Ms. Martinez-Bradwell made a motion to approve the August 9, 2005 meeting report as amended, and Mr. Joseph Yurman seconded the motion. Members unanimously voted to accept the meeting report.

Interoperability (SIEC Reports)

a. New York State

Ms. Mikel Shakarjian introduced herself and stated that she will be coordinating New York Statewide Interoperability Executive Committee (SIEC). She further invited everyone to contact her at the SWN office regarding the SIEC interoperability plans and requirements that various agencies had or were using. She noted that New York was in the process of establishing regional subcommittees in support of the SIEC.

A member stated that he was involved with the planning stages of the use of channel 16 for interoperability in the New York City metropolitan area. He further noted that the use of channel 16 was consistent with the FCC rules and that the frequencies would be used in, Bergen (NJ), Suffolk, Nassau, and Westchester counties and the five boroughs of New York.



b. New Jersey State

Chief Raymond Hayling, II stated that New Jersey was in the process of working on the Interoperability plans. New Jersey was developing 700 MHz plans, and working with surrounding states. New Jersey wanted to determine how the ITAC/ICALL channels are used in border areas. Challenges that New Jersey encounter include getting different disciplines and jurisdictions together and understanding how they currently operate. The SIEC found that the nomenclature used among the different disciplines is different. New Jersey is divided into five SIEC regions and each region has its own dispatch (control points).

Working Group Activities

4.9-GHz Working Group Activities – Felix Melendez

No activities were reported at this time. However, it was noted that the city of New York was negotiating with various vendors for a 4.9-GHz implementation in the city. After the negotiation period, there would be a testing period. A representative from New Jersey stated that New Jersey wanted to perform some testing on 4.9 GHz and New Jersey representative noted that they would coordinate with New York City.

700-MHz Working Group Activities

Old Business

b. Plan Development

iii. September 6, 2005 Conference Call – LePage

Mr. Travis LePage gave an update on the September 6, 2005 conference call. The conference call was held to discuss the "technical review of applications". He noted that Region 8 members who participated in the conference call decided that it was necessary to include a section on some technical guidelines for underground and in building channels.

Review Technical Sections of the Plan – O'Hara

Mr. Sean O'Hara explained the 700 MHz channel allotment. He gave a detailed presentation on the pool allotment and discussed the importance of pre coordination of spectrum blocks. Mr. O'Hara noted that Region 8 need to determine the terms of pool allotment, how long the pool allotments constraints hold, and what if any, are the valid out of pool guidelines constraints. He further noted that he would make the presentation slides available to members.

Mr. Melendez moved for a five-year interval from the date the channels become available for pool allotment with possibility of extension based on available funding; Mr. John Robertson seconded that motion, and the motion was approved. Mr. Andrew E. Schwartz, of New Jersey Transit abstained from making a motion, noting that the topic needed further discussion.

New Business

Mr. Zarwanski of Region 19 announced that Region 19 700 MHz plan was approved by the FCC on August of 2005. He noted that Region 19 RPC was going to open two windows, one closing in November 2005 and the second one closing in May 2006. Mr. Zarwanski noted that

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Connecticut was putting together a VTAC/UTAC cross-banding plan and that Region 19 committee was still working on the draft.

Mr. Robert Schlieman noted that Senator McCain changing his recommendation with respect to the DTV transition from 2009 to 2007.

Schedule Next Meeting

The next Region 8 meeting will take place on November 14, 2005 at 10:00 AM at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey. In addition, December 22, 2005 was identified as the next tentative date for Region 8 meeting, after the Paramus meeting in New Jersey. The Fire Training Center in Rockland County was identified as the location of the December 22, 2005 meeting.

Adjourned

Ms. Martinez-Bradwell made a motion to adjourn the meeting; Lieutenant Anthony Melia seconded that motion, and it passed unanimously. The meeting adjourned at 11:55 AM.



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November 14, 2005 Public Meeting Notice



PUBLIC NOTICE

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

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DA 05-2724
October 17, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN 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 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two planning meetings on November 14, 2005. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.

The agenda for this meeting includes:

1. Review and Approve November 14, 2005
2. Review and Approve September 20, 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9 GHz Working Group
 - b. 700 MHz Working Group
 - i. Plan Development
5. Old Business
6. New Business and Comments
7. Schedule Next Meeting

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting. The agenda for this meeting includes:

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



1. Review and Approve November 14, 2005 Agenda
2. Review and Approve September 20, 2005 Meeting Report
3. Old Business
 - a. Update – 800 National Channels Rebanding Work Group
 - b. Update – Rebanding Clarification Letter to the FCC
 - c. Update – Region 8 Window 8 Application Actions
 - d. Update – NARPC Petition for Rulemaking
 - e. Update – Region 8 Petition for Reconsideration (Rebanding Interference)
4. New Business and Comments
5. Schedule Next Meeting
6. Adjourn

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
Email: pmead@mail.co.nassau.ny.us

– FCC –



November 14, 2005 Meeting Report

**NYC METROPOLITAN AREA
FCC REGION 8
700-MHz REGIONAL PLANNING COMMITTEE
MEETING REPORT**

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Monday, November 14, 2005 at 10:00 AM
LOCATION: Life Safety Complex, 1 Jockish Square, Paramus, NJ 07652

Review and Approve November 14, 2005 Meeting Agenda

Mr. Robert Schlieman, acting as the chair, called the meeting to order at 10:08 AM. Ms. Maribel Martinez-Bradwell made a motion to approve the November 14, 2005 meeting agenda; Mr. Sal DiRaimo seconded the motion, and members unanimously voted to accept the meeting agenda.

Review and Approve September 20, 2005 Meeting Report

Mr. Joseph Yurman noted an inconsistency in the meeting report and suggested deleting "Passaic" from the meeting report. Further, he noted that members' opinions should not be included in the meeting report and suggested that paragraph three of the Interoperability section of the New York State SIEC report also be deleted from the report. Mr. Sean O'Hara made a motion to accept the meeting report as amended, and Mr. Emil Vogel seconded the motion. The motion passed unanimously.

Interoperability (SIEC Reports)

a. New York State

No reports were provided for New York State.

b. New Jersey

Mr. Bill Finnegan stated that the State of New Jersey was implementing interoperability channels in two regions: Delaware and Central Region. He noted that, in the primary region (North East), testing was very successful.



Working Group Activities

a. 4.9-GHz Working Group

Mr. O'Hara stated that, on a national level, part of the National Public Safety Telecommunications Council (NPSTC) working group had taken the template of the Region 8 guidelines to create another template. The newly created template derived from Region 8 4.9-GHz Work Group guidelines would be used as an application requirement across the county.

b. 700 MHz Working Group Plan Development

Mr. Travis LePage stated that he was going to discuss four areas of the plan: applications requirement, interference evaluation, system design recommendation, and procedure for frequency coordination and appendices. He noted that the four sections had been tentatively approved by the Region 8 technical working group via two conference calls.

While Mr. LePage was discussing the application requirement sections, members noted the need for clarification in the four sections and of wording within the regional plan. A member suggested the change to reflect not only that the first year had fifteen window applications, but also that those subsequent window filings be announced as needed.

Mr. LePage used the overhead projector to show what applicants must file, including forms developed for showing antenna patterns and a form to define the applicant's service area or the jurisdictional boundaries of areas. Mr. LePage noted that the outcomes of the conference call were: 1) a need for an inter-regional Memorandum of Understanding (MOU) and 2) the use of the Longley Rice method to determine interference. He stated that the committee required one hard copy and one electronic copy from applicants.

A member from New Jersey asked if the coordinators will handle just one-channel or two-channel allocations and if the technical working committee has addressed this issue. A representative from Bergen County asked if the licensing application process could be made more "professional," so that agencies would not get applications without fully justifying the needs and so that having licenses that were not being used well could be avoided. Mr. O'Hara noted that the purpose of the regional plan was to help all public safety agencies get better communication, and regardless of whether there was a single request or numerous requests, they would all be open to discussion at the RPC meetings. Mr. Schlieman noted that it was important that all agencies have properly engineered systems and use a system design that maximizes the use of spectrum. He further noted that, because it was critical to work efficiently together to allot channels, criteria were needed for making allocations based on jurisdictional areas.



Mr. DiRaimo made suggestions regarding changes in definitions and wording in the appendix sections of the regional plan. He noted that there should be consistency in the plan regarding vertical and horizontal antenna patterns. There were also suggested changes to be made to the sentence structures and content of Sections 3 through 5 of the regional plan. Another member noted that the plan should include a well-defined procedure to determine who is an incumbent and that the "scoring matrix" section of the plan should be placed between the "technical evaluation" section and the "interference procedure" section.

Old Business

None

New Business and Comments

Region 8 needed to write a letter supporting NARPC regarding Ex-Parte filed under FCC Docket 96-86 addressing the needs for public safety to utilize wideband 700 MHz allocations wider than 150 kHz utilized, managed at the regional level when necessary.

Schedule Next Meeting

The next Region 8 meeting is scheduled for December 22, 2005 beginning at 10:00 AM at the Rockland County Fire Training Center, 35 Firemen's Memorial Drive, Pomona, NY 10970.

Adjournment

Mr. O'Hara made a motion to adjourn the meeting. Mr. Vogel seconded the motion, and it passed unanimously. The meeting adjourned at 2:20 PM.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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December 22, 2005 Public Meeting Notice



PUBLIC NOTICE

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

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DA 05-3054
November 23, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
REGIONAL PLANNING COMMITTEES TO HOLD
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
(General Docket No. 88-476)

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two planning meetings on Thursday, December 22, 2005. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Fire Training Center in Rockland County, which is located at 35 Firemen's Memorial Drive, Pomona, New York.

The agenda for this meeting includes:

1. Review and Approve December 22, 2005
2. Review and Approve November 14, 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9 GHz Working Group
 - b. 700 MHz Working Group
 - i. Plan Development
5. Old Business
 - a. Update – Status of Funding for Additional CAPRAD Training
 - b. Update – 700 MHz Filings
6. New Business/Comments
7. Schedule Next Meeting

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



The agenda for this meeting includes:

1. Review and Approve December 22, 2005
2. Review and Approve November 14, 2005 Meeting Report
3. Old Business
 - a. Update – 800 MHz National Channels Rebanding Work Group – Simonetti
 - b. Update – Region 8 Window 8 Applications Actions
 - c. Update – NARPC Petition for Rule Making (O'Hara)
4. New Business/Comments
5. Schedule Next Meeting

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Communications Center
140 15th Street
Mineola, New York 11501
(516) 571-6400
Email: pmead@mail.co.nassau.ny.us

– FCC –



December 22, 2005 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE

MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Thursday, December 22, 2005 at 10:00 AM

LOCATION: Rockland County Fire Training Center
35 Firemen's Memorial Drive
Pomona NY 10970

Opening Remarks

Mr. Peter Meade welcomed everyone to the meeting at 10:00 AM, called the meeting to order, and requested that everyone introduce himself or herself. Mr. Pablo Ramos welcomed the Committee to the Rockland County Fire Training Center.

Mr. Keith Chafin, Mr. Chuck Clinton, Mr. Bill Finnegan, Mr. John Horst, and Mr. Felix Melendez joined the meeting via teleconference connections.

The following individuals attended the meeting either physically or electronically:

Chafin, Keith - Data Radio
Clinton, Chuck - Port Authority of New York/New Jersey
Colsey, Alan - Rockland County
DeFalco, Carmine - New Jersey Transit
Feuer, Adam - Rockland County
Finnegan, Bill - New Jersey Attorney General
Fishman, Doug - RCC Consultants
Gardner, Bill - Suffolk County Police Department
Getsinger, Mark - New Jersey State Police
Gioia, John - NYSTEC
Golder, Tom - Nassau County
Hayling, Raymond II - New Jersey Attorney General
Horst, John - New York City Police Department



Isby, Robert Jr. - New York State Statewide Wireless Network
Kratzer, John - New Jersey State Police
LePage, Travis - NYSTEC
Meade, Peter - Nassau County Fire/Rescue
Melendez, Felix - New York City Department of Information Technology and Telecommunications
O'Hara, Sean - Syracuse Research Corporation
Ramos, Pablo - Rockland County
Schlieman, Robert - New York State Statewide Wireless Network
Stern, David - V-Comm
Vogel, Emil - Vogel Consulting Group
Walsh, Mike - NYSTEC
Williams, Doug - Tyco Electronics - M/A-COM
Wolfe, Mike - Warren County
Yurman, Joseph - New York City Transit/APCO
Zarwanski, Jerry - DPS Office of Statewide Emergency Telecommunications

Review and Approve December 22, 2005 Agenda

Peter Meade made a motion to approve the December 22, 2005 meeting agenda. Mr. Robert Schlieman seconded the motion, which passed.

Review and Approve November 14, 2005 Meeting Report

A Committee member noted that, on page two of the November 14, 2005 meeting report, "Region 54" must be changed to "NARPC." Mr. Schlieman made a motion to approve the November 14, 2005 meeting report as amended; Mr. Joseph Yurman seconded the motion, which passed.

Interoperability (SIEC) Reports

a) New York State

No reports were provided for New York State.

b) New Jersey

Mr. Raymond Hayling II stated that the development of New Jersey's interoperability plan is progressing well, and he did not have any SIEC updates to report.

Working Group Activities

a) 4.9-GHz Working Group

Mr. Felix Melendez reported that requests are being made regarding use of 4.9-GHz spectrum in Region 8. Mr. Yurman asked if any pilot programs were in development. Mr. Keith Chafin stated that vendors in northern New Jersey



are currently installing a pilot system at no cost. Mr. Hayling II reported that the city of Newark, New Jersey is currently considering a similar program.

Mr. Sean O'Hara suggested that a 4.9-GHz working group be formed to coordinate these programs. Mr. Meade supported the suggestion and requested that Mr. Melendez consider how this might be established in accordance with the Region 8 4.9-GHz guidelines. Mr. Schlieman suggested that Region 8 issue a Public Notice addressing prospective development and coordination of 4.9-GHz pilot systems. Mr. Meade requested that Mr. Schlieman develop the Public Notice; Mr. Schlieman agreed and indicated that he would coordinate the effort with Mr. O'Hara and Mr. Melendez prior to disseminating the notice.

b) 700-MHz Working Group

Mr. Travis LePage provided a summary of the progress made regarding the detailed scoring criteria discussed during the December 20, 2005 Technical Working Group conference call. Mr. LePage indicated that the Committee will discuss the Loading, Spectrum Efficient Technology, System Implementation Factors, Geographic Efficiency, and Channel Giveback criteria at today's meeting.

The Committee began by discussing the Loading criteria and made revisions to the number of subscriber units per radio channel and their respective point values. Next, while discussing the Spectrum Efficient Technology criteria, the Committee decided that the voice and narrowband data criteria shall be separated from the wideband/broadband criteria. The voice and narrowband data criteria were revised, along with their respective point values. Mr. Chafin reported that products are available that provide 128-Kbps data throughput over a 50-kHz channel with a bandwidth of 2.56 bps/Hz.

The Committee discussed drafting a petition for rulemaking for flexibility in aggregating wideband channels into broadband channels, while meeting regional interoperability needs as efficiently as possible. The Committee decided that the wideband/broadband criteria and petition for rulemaking would be discussed further at the February 2, 2006 meeting. The Committee then reviewed the System Implementation Factors and Geographic Efficiency criteria and made revisions to the criteria and their respective point values. Mr. Sean O'Hara suggested that including the normalization equation in the Geographic Efficiency section will provide the Committee with a better understanding of the normalization process. Finally, the Channel Giveback criteria were reviewed. Revisions to the criteria and their respective point values were made, and Mr. Yurman suggested it would be useful to include a



channel usability map for givebacks in the Plan. Mr. Yurman said that he would provide a usability map for the Region 8 counties in New York State and that Lieutenant Anthony Melia would provide a usability map for the New Jersey counties.

Old Business

a) Update – Status of Funding for Additional CAPRAD Training

Mr. Yurman stated that there is no update to report regarding funding for additional CAPRAD training.

b) 700-MHz Filings

None.

New Business/Comments

None.

Schedule Next Meeting

The next meeting will take place on Thursday, February 2, 2006 at the Port Authority Technical Center, 241 Erie Street, 2nd Floor, Room 212, Jersey City, NJ. The meeting will convene at 10:00 AM EST.

Mr. Meade made a motion to adjourn the meeting; Mr. Schlieman seconded the motion, and the motion passed. The meeting ended at 1:28 PM.



February 2, 2006 Public Meeting Notice



PUBLIC NOTICE

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

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DA 05-3358
December 30, 2005

WIRELESS TELECOMMUNICATIONS BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES TO HOLD
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
NPSPAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
(General Docket No. 88-476)

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two planning meetings on Thursday, February 2, 2006. The Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Port Authority Technical Center located at 241 Erie Street, Jersey City, New Jersey.

The agenda for this meeting includes:

1. Review and Approve February 2, 2006 Meeting Agenda
2. Review and Approve December 22, 2005 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9 GHz Working Group Activities
 - b. 700 MHz Working Group Activities
 - i. Discuss and Finalize Detailed Scoring Criteria Sections of the 700-MHz Plan
 - ii. Discuss Spectrum Allotment Techniques
 - iii. Discuss Wideband Channel Aggregation
 - iv. Discuss Aeronautical Use of the 700-MHz General Use Channels
5. Old Business – Discuss Wideband Interoperability Channels
6. New Business and Comments
7. Schedule Next Meeting

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSAC Regional Planning Committee meeting. The agenda for this meeting includes:

1. Review and Approve February 2, 2006 Agenda
2. Review and Approve December 22, 2005 Meeting Report
3. Old Business
 - c. Update – Discuss Draft Filings: 800-MHz Prioritization Matrix
 - d. Update – 800-MHz National Channels Rebanding Working Group
 - e. Update – Region 8 Window 8 Application Actions
4. New Business/Comments
5. Schedule Next Meeting
6. Adjourn

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
PH: (516) 571-6400
FX: (516) 571-6407
Email: pmead@mail.co.nassau.ny.us

– FCC –



February 2, 2006 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Thursday, February 2, 2006 at 10:00 AM
LOCATION: Port Authority Technical Center
241 Erie Street, Jersey City, New Jersey

Review and Approve February 2, 2006 Meeting Agenda

The meeting was called to order at 10:10 AM. Lieutenant Anthony Melia made a motion to approve the February 2, 2006 meeting agenda. Chief Raymond Hayling II seconded the motion. Members unanimously voted to accept the meeting agenda.

Review and Approve December 22, 2005 Meeting Report

Lieutenant Melia made a motion to approve the December 22, 2005 meeting report, and Chief Hayling II, seconded the motion. Members unanimously voted to accept the meeting agenda.

Interoperability (SIEC Reports)

a. New York State

Mr. Robert Schlieman noted that representatives of the State of New York had hired new people to assist with the SIEC (Statewide Interoperability Executive Committee) activities.

b. New Jersey State

Chief Hayling II noted that New Jersey was in the process of hiring consultants to assist with SIEC efforts. He further stated that the Chairman of RPC Region 28 was tied up with NPSTC (National Public Safety Telecommunications Council) activities and that he



(Chief Hayling II) would be taking over as the Chair for all Region 28 committees and subsequently would be getting additional personnel.

Chief Hayling II stated that Region 28 members had met once to elect new officials. He further informed members of an OEM (Office of Emergency Management) meeting that would take place at the Tropicana in Atlantic City on May 9, 2006.

Chief Hayling II noted that New Jersey State Police personnel were putting together interoperability material in the Region 8 and Region 28 plans. He further noted that this process would be challenging, due to the differences in plans for the two regions.

Working Group Activities

a. 4.9-GHz Working Group Activities - Mr. Felix Melendez

Mr. Felix Melendez noted that there were no new events to report, however there were discussions regarding the process for applying for a 4.9-GHz license using the FCC URL system and also for applying off line.

b. 700-MHz Working Group Activities –Mr. John Robertson

Plan Development – Mr. Travis LePage

i. Discuss and Finalize Detailed Scoring Criteria Sections of the 700-MHz Plan

During the discussion of the “Scoring Criteria Sections” of the plan, Mr. Gerard Louit proposed simplifying the process and having a difference of 25 instead of 3-4 points. Mr. Louit suggested that Table 4.1 reflect the new change. A motion to substitute Gerard’s series value to the existing plot (proposal to change the scoring value to 25 instead of the 3-4 points) was made by Mr. Felix Melendez, and Mr. Louit seconded the motion. The motion was passed unanimously.

ii. Discuss Spectrum Allotment Techniques

Mr. LePage gave a brief overview of subsections 4.2 (Intersystem Communication), 4.3 (Loading), and 4.4 (Spectrum-Efficient Technology). A member suggested defining the criteria included in the point value.

iii. Discuss Wideband Channel Aggregation

Discussion included the possibility of aggregating wideband channels. A member noted that the group should send a filing to the FCC regarding aggregating wideband technology. A motion to send the wideband aggregated letter to the FCC was postponed until the committee gets feedback from the working group that will be headed by Mr. Sean O’Hara. Members concluded that this working group should form and work at a fast pace to address concerns of different agencies. *(Its participants are listed on the last page).*



Mr. Robert Schlieman made a motion to remove the discussion of wideband/broadband technology from the Region 8 plan. Mr. Charles Clinton seconded the motion, and the motion passed unanimously. Table 5, "Wideband/Broadband Technology Criteria," was removed from the plan.

Discuss Aeronautical use of the 700-MHz General Use Channels

There was a lengthy discussion regarding whether some government entities would be able to get funding for developing either an RFP (Request for Proposals) or RFI (Request for Information) before securing 700-MHz channels. Mr. Melendez recommended that the point-value system in the plan (Table 6) be lowered, and then a category of RFI be added. Ms. Maribel Martinez-Bradwell suggested that a financial commitment be included rather than an RFP development and evaluation. Discussions included outlining of differences between planning versus implementation. Another member suggested that the title of Table 6 be changed to "Planning and Implementation."

Mr. Emil Vogel noted that the three key factors in planning were: the actual plan, money, and spectrum. He noted that it was challenging to have a plan when two or even three of the key factors were not fully in place. Other members indicated their concerns regarding the unknowns in the plan. The chair stated that most plans involve numerous unknowns, especially when dealing with technology. He gave the example of the 800-MHz plan, stating that plan modifications in response to real life situations involving people, technology, and market factors were common.

Mr. Schlieman moved to accept a financial commitment instead of the criteria used in Table 6. Mr. Steve Thorpe seconded the motion, and the motion was unanimously approved.

Mr. LePage noted that Mr. Yurman (not present at the meeting) had suggested a color-coded usability map, which Mr. LePage showed on the overhead projector. Lieutenant Melia's services were volunteered in absentia to produce a color-coded map for the counties in New Jersey. A member suggested that Lieutenant Melia be contacted before the next meeting to verify his availability for this task.

New Business/Comments

The Chair indicated that he would like to establish a 700-MHz working group with equal numbers of participants from each discipline and jurisdiction to ensure that no single entity could unfairly push an issue through. Replacements of representatives in this group would be made using the same approach.

A New York City filing to the FCC appeared on the daily digest. The State of New York had filed a waiver based on engineering analysis. Mr. Schlieman clarified that the analysis presented in the filing was targeted for radio service SL (State Licenses).



Region 8 members will file letters of support to the FCC. Mr. Schlieman made a motion to incorporate language in the plan that addresses spectral efficiency and limiting radiation to meet users' needs. Mr. Steve Thorpe seconded the motion, which passed. Comments regarding the filing are due on March 13, 2006; replies are due March 27, 2006.

Schedule Next Meeting

The next meeting is scheduled to take place on March 23, 2006 at 10:00 AM at New Jersey Transit, One Penn Plaza East, 9th Floor, Board Room, Newark NJ 07105. (This is located directly across from Newark's Penn Station).

Adjourned

A motion to adjourn the meeting was made by consensus at 12:35 PM.

Technical Working Group Participants:

Keith Chafin, Data Radio
Carmine DeFalco, NJ Transit;
Doug Fishman, RCC;
Bill Gardner, SCPD;
Mark Getsinger, NJ SP;
Steven Harte, NYC DoITT;
Jim Hassett, NYPD
Raymond Haying II, NJ OAG;
Ed Horace, NCPD;
Bob Isby, NYS;
Travis LePage, NYSTEC;
Gerard Louit, NYCT;
Maribel Martinez-Bradwell, NYS;
Anthony Melia, Essex County/NJ OAG;
Bette Rinehart, Motorola;
Robert F. Schlieman, NYS; and
Bob Speidel, M/A-COM.



March 23, 2006 Public Meeting Notice⁴¹

Region 8 will host consecutive 700 MHz and 800 MHz Planning Meetings, beginning at 10:00 AM on Thursday, March 23, 2006 at the New Jersey Transit, One Penn Plaza East, 9th Floor, Board Room, Newark, NJ 07105, (Directly across from Newark Penn Station). For additional information contact Region 8 Chair Peter W. Meade at 516-571-6400 or via email at pmeade@nassaucountyny.gov.

NEW YORK/NEW JERSEY FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE

MEETING NOTICE/AGENDA

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Thursday, March 23, 2006 at 10:00 AM

LOCATION: New Jersey Transit, One Penn Plaza East
9th Floor, Board Room
Newark, NJ 07105
(Directly across from Newark Penn Station)

1. Review and Approve March 23, 2006 Meeting Agenda
 2. Review and Approve February 2, 2006 Meeting Report
 3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
 4. Working Group Activities
 - a. 4.9-GHz Working Group Activities – Mr. Felix Melendez
 - b. 700 MHz Working Group Activities – Mr. John Robertson
- Old Business

⁴¹ A standard Public Notice was not published by the FCC for this meeting. This notice was available for public-viewing on the FCC Website.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



- a. Plan Development – Mr. Travis LePage
 - i. Review of Application Scoring Matrix Process and Approval of Revisions
 - ii. Interference Protection Criteria and System Design Specifications
 - iii. Procedure for Frequency Coordination
 - b. Update – Developing a Technical Working Group – Mr. Sean O’Hara
 - c. Update – Usability “Color Coded” Map for New Jersey
5. New Business and Comments
 6. Schedule Next Meeting and Adjourn



March 23, 2006 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Thursday, March 23, 2006 at 10:00 AM

LOCATION: New Jersey Transit, One Penn Plaza East
9th Floor, Board Room
Newark, NJ 07105
(Directly across from Newark Penn Station)

Review and Approve March 23, 2006 Meeting Agenda

The meeting started at 10:12 AM. Mr. Robert Schlieman presided over the meeting since both the Chair and the Vice Chair were unable to attend. Mr. LePage noted that he would like to change the sequence of the items listed on the "Plan Development" section of the agenda in the following order: 1.) Review of applications for matrix process and approval revisions; 2.) Procedures for requesting spectrum allotments; 3.) Interference protection criteria and systems design specifications; 4.) Procedures for frequency coordination; and 5.) Bylaw revisions. Ms. Maribel Martinez-Bradwell made a motion to accept the meeting agenda as amended. Mr. David Stern seconded the motion and it passed.

Review and Approve February 2, 2006 Meeting Report

The changes to the agenda included date under "Review and Approve Meeting Report" from February 2, 2006 to December 22, 2006. Another change included changing the title to "Technical Working Group Participants" and a member requested that his name be added to the list of participants. Mr. Emil Vogel made a motion to accept the meeting reports as amended. Mr. Stern seconded the motion and it passed unanimously.

Interoperability (SIEC Reports)

a. New York State

No new activities to report on at this time



b. New Jersey

A member from New Jersey noted that the state was still doing testing in New Jersey and in neighboring areas. He noted that the state had added asserts to be deployed for additional in-building through the state. He mentioned that their plan had been submitted to the Legislature for review and approvals.

Working Group Activities

a. 4.9-GHz Working Group Activities – Mr. Felix Melendez

There were not new activities on the 4.9-GHz to report at this time.

b. 700 MHz Working Group Activities – Mr. Travis LePage

Travis noted that he could provide a brief summary of the conference call that they had Thursday March 2, 2006 regarding the approach that Region 8 might consider for 700-MHz planning. Mr. Schlieman noted that he had suggested a regular (face-to-face) meeting instead of a teleconference meeting. A member noted that the two issues that the FCC was going to take actions on included the 700-MHz Broadband and the In-building. Mr. LePage stated that the Region 8 committee was going to hold off on further investigation of the Wideband channels until further information was provided.

A member asked if Region 8 was going to file comments regarding “The Development of Operational, Technical and Spectrum Requirements for Meeting Federal, State and Local Public Safety Communications Requirements through the Year 2010”. Eighth Notice of Proposed Rulemaking: WT Docket 96-86 adopted March 17, 2006, released March 21, 2006. Another member noted that it was a good idea and that Region 8 should file comments but needed to have some in-depth discussions of what Region 8 prefers and why. Another member noted that the Technical Working Group participants should discuss the needs of Region 8 in relation to Docket WT Docket 96-86.

Old Business

Plan Development

1.) Review of applications for matrix process and approval revisions.

Mr. LePage noted that there were changes made to the flow chart reflect the detailed scoring criteria as mentioned in several meetings. He noted that the weights were from 0-40 points. On page 5 based on the groups comments; the services were put into tiers and used normalized scores. On page 6 there was a table version of detailed scoring criteria. Table 3, the numbers were developed and agreed upon. Put “Budgetary commitment and the degree of planning commitments”. He noted that applicants were required to have supplemental materials.

2.) Procedures for requesting spectrum allotments.

A member suggested that the word “upstate” on Section 1.7 on page 11 should be changed to “Down state New York and Northern New Jersey”. Another change was to change the word “local frequency advisor” to “local APCO frequency advisor in Southern New York State (or the



FCC certified advisor in that area". Mr. Joseph Yurman explained what the different colors on the map represented. He noted that color grey on the map represented areas that did not have available spectrums. Other discussions included table 6- the channel re-use. Some members discussed whether that table should specify "simulcast" or "multicast" channels. Another discussion involved making changes on the flowchart – adding expansion box.

Ms. Martinez made a motion to approve the 700-MHz plan as modified; Mr. Bill Gardner seconded the motion. New Jersey, Attorney General's office abstained, and the motion was carried.

3). Interference protection criteria and systems design specifications

Discussions included 1) the number of window opening per year, 2) requirements for each application, 3) clear explanation between jurisdictional boundary and service boundary, 4) the number of copies required of applicants, 5) grounds for dismissal, and 6) the use of Computer Assisted Pre-Coordination Resource and Database System (CAPRAD).

Mr. LePage noted that members had voted in the fall to open three filing window per year and that each applicant was required to provide supplementary information for each application such as antenna pattern information. Another member suggested that the word "jurisdictional boundary" be changed to "service area boundary". Mr. LePage noted that applicants were required to submit eight hard copies and eight electronic copies to the secretary of the committee, who would then give these copies to the technical evaluation committee.

Mr. LePage stated that section 2.3 of the plan -"Grounds for Dismissal" emphasized that application package may be dismissed under certain criteria and on page five of the footnote 3 referred readers to the bylaws section of the plan. Mr. LePage noted that section 3 on page 7 "technical evaluation" serves as input to the application process.

A detailed discussion involved the use of CAPRAD database. While some members emphasized the importance of Region 8 using CAPRAD during the initial window filing, others opposed the idea. Members who supported CAPRAD database usage cited that it would enable maximize reuse of channels while those opposing the idea stated that CAPRAD usage would put too much demand on smaller agencies or communities subsequently leading to financial concerns, and suggested that other alternative methods be used instead of CAPRAD. Another member noted that the Region 8 would work with all agencies to respond to the demand of the systems regardless of the size of the agency. Subsequently, a statement was added to the plan indicating that CAPRAD be used or any other alternative method as long as the agencies were responsible for doing their own engineering activities. Further, item #14 was edited to reflect the following statement "If spectrum identified by the applicant does not conform to the CAPRAD pre-allotment channel plan, engineering must be supplied by the applicant that demonstrates that the pre-allotment can still be preserved if granted by the committee." A member from New York City made a motion to accept changes made in the flow of information under the "*Interference protection criteria and systems design specifications*" sections Ms.



Martinez-Bradwell seconded the motion and it passed. A member representing governmental agency opposed the motion.

4.) Procedures for frequency coordination.

Mr. LePage gave brief overview of updated changes in Appendix H, I, J, and L of the Regional Plan. He explained that application forms would be made available electronically through the CAPRAD and RPC Region 8 web sites. Mr. Schlieman noted that the appendix should include the word "base frequency low end". When Mr. LePage was explaining why antenna information on page 10, Mr. Yurman noted the importance of applicants providing vertical antenna information from -180 to + 180 degrees instead of 90 to 90 degrees. Mr. Travis noted that he was going to adjust the table. Ms. Martinez-Bradwell made a motion to implement appendix sections into the plan as amended; Mr. Carmine DeFalco seconded the motion and it passed.

System Design Recommendation:

Travis gave a brief overview for section 1.1, 1.2, 1.3, 1.4, and 1.5. He further provided information regarding CAPRAD database. Ms. Martinez-Bradwell noted that she would check on the status of funding for CAPRAD. Mr. LePage provided the CAPRAD hyperlink to members. <http://caprad.nlectc.du.edu/cp/index.jsp>

Mr. Bill Gardner made a motion to accept the systems design recommendation documents: Ms. Martinez-Bradwell seconded the motion and it passed.

5.) Bylaw revisions.

Mr. LePage gave a detailed review of the bylaws revisions. Ms. Martinez-Bradwell made a motion to accept the reviewed bylaws. Mr. Stephen Thorpe seconded the motion and it passed unanimously. A member requested that the term "in-building" should be clearly defined so that members can know what can be done and what cannot be done.

d. Update – Developing a Technical Working Group – Mr. Sean O'Hara

No information was provided at this point

e. Update – Usability "Color Coded" Map for New Jersey

No information was provided at this point.

New Business and Comments

None

Schedule Next Meeting and Adjourn

The next meeting was scheduled for May 2, 2006 at 2 Broadway in New York City. The meeting ended at 12:30 PM.



May 2, 2006 Public Meeting Notice

**NEW YORK/NEW JERSEY
FCC REGION 8
700-MHz REGIONAL PLANNING COMMITTEE**

MEETING NOTICE/AGENDA

CHAIR: Peter W. Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, May 2, 2006 at 10:00 AM

LOCATION: 20th Floor, 2 Broadway, New York City

1. Review and Approve May 2, 2006 Meeting Agenda
2. Review and Approve March 23, 2006 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9-GHz Working Group Activities – Mr. Felix Melendez
 - i. Presentation - 4.9-GHz Technologies – Mr. Sean O’Hara
 - b. 700 MHz Working Group Activities – Mr. Travis LePage
 - i. Presentation - 700 MHz Technologies – Mr. Sean O’Hara
 - ii. Discuss and define in-building system design and spectrum management parameters
 - iii. Discuss and define underground system design and spectrum management parameters
5. New Business and Comments
 - a. Discuss aeronautical use of 700 MHz
6. Schedule Next Meeting and Adjourn



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May 2, 2006 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, May 2, 2006 at 10:00 AM

LOCATION: 2 Broadway, 6th Floor, New York, NY

The meeting was called to order at 10:27 AM. The Chair requested that the attending members introduce themselves. The meeting agenda for May 2, 2006 was reviewed and approved unanimously.

Review and Approve May 2, 2006 Meeting Agenda

The meeting agenda for May 2, 2006 was reviewed and approved unanimously.

Review and Approve March 2, 2006 Meeting Report

The meeting report for March 23, 2006 was reviewed and approved unanimously

Interoperability (SIEC Reports)

c. New York State

Mr. Robert Schlieman reported that the New York SIEC is working on getting more organized. He reported that the Statewide Wireless Network was establishing mutual aid channels at the high profile sites. In 800 MHz band, the western part of the state is already planned out with "Calling" and "Primary" default TAC-channels at each high profile site according to its proximity to adjacent counties.

d. New Jersey

Chief Raymond Hayling II noted that he is now the Vice Chair of Region 28, and that Region 28 would soon be sending out meeting notices for an upcoming meeting in 90 days. Chief Hayling



II noted that he was also the Deputy Technology Office of New Jersey. He reported on his build-out in the northern counties and that the department of Homeland security is looking for the New Jersey and New York metro area to integrate their interoperability plans. He noted that the New Jersey state was still doing testing in New Jersey and in neighboring areas on the first Friday of every month they perform radio tests with other public safety agencies. Additionally, their plan had been submitted to the Legislature for review and approval. Further, he mentioned that the SIEC is in the process of putting together an RFP.

Working Group Activities

c. 4.9-GHz Working Group Activities – Mr. Felix Melendez

Mr. Felix Melendez, chair of the 4.9 GHz subcommittee, announced that Melville is now licensed for 4.9 GHz. He noted that there are about 45 licenses in the Region. A representative from the Port Authority stated that he would be approaching Mr. Melendez regarding a license at JFK airport. Mr. Melendez emphasized the importance of the 4.9-GHz licensees to refer to the Regional Guidelines. Mr. Melendez stated that he would contact all the 4.9-GHz licensees in Region 8, describing the need for coordination and cooperation in the implementation of the 4.9-GHz systems, and noted that adhering to the Regional Guidelines is voluntary. Mr. Melendez handed out a list of licensees in New York and New Jersey.

i. Presentation - 4.9-GHz Technologies – Mr. Sean O'Hara

Mr. Sean O'Hara gave a detailed presentation on different types of technologies in 4.9-GHz and 700-MHz. He provided reasons why these technologies are important to Public Safety agencies, outlining both the advantages and disadvantages of each type of technology are also discussing the cost involved in investing in these applications. Further he discussed security concerns in relation to these technologies, citing examples of counties that have successfully used some of the sited technologies. *Please refer to the printed documents outlining these technologies.*

d. 700 MHz Working Group Activities – Mr. Travis LePage

Mr. O'Hara gave a detailed update on the New York State waiver noting that a waiver had been filed regarding use of state channels. He noted that one broadcast agency supported the waiver while two broadcast agencies opposed the waiver, and other agencies/organizations did not comment. He noted that two states that opposed the waiver had valid arguments. He further described a rule change that occurred during the application process, and how it affected the initial requirement for engineering study of a television facility.

Mr. Travis LePage noted that the 700-MHz Regional Plan was almost completed, and that he was waiting for comments, revisions, and some content before submitting the plan to the FCC. He requested that members contact him with revisions or comments regarding the 700-MHz plan. Mr. LePage informed members that the plan was available on the RPC website.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



A member noted that the treasurer's position should be included on page 10 of the plan. Mr. Schlieman moved to have a written ballot limiting to voting members only. Mr. Raymond Simonetti seconded the motion and it passed.

Discuss and define underground system design and spectrum management parameters

Mr. Jim Hassett from the NYPD gave a detailed presentation of the of the underground system design and spectrum management. *Please refer to the e-mailed presentation slides.*

New Business and Comments

None

Schedule Next Meeting and Adjourn

The next meeting was scheduled for June 20, 2006 at 1490 Franklin Ave, Mineola, NY 11501. The meeting ended at 12:00 PM.



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June 20, 2006 Public Meeting Notice



PUBLIC NOTICE

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

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DA 06-1064
May 19, 2006

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

**REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES TO HOLD
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
NPSAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
(General Docket No. 88-476)**

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive Region 8 Public Safety planning meetings.

On Tuesday, June 20, 2006, the Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Nassau County Police Headquarters, Assembly Hall, 1490 Franklin Avenue, Mineola, New York 11501.

The agenda for this meeting includes:

1. Review and Approve June 20, 2006 Meeting Agenda
2. Review and Approve May 2, 2006 Meeting Report
3. Interoperability (SIEC Reports)
 - a. New York State
 - b. New Jersey
4. Working Group Activities
 - a. 4.9-GHz Working Group Activities – Mr. Felix Melendez
 - b. 700 MHz Working Group Activities – Mr. Travis LePage
 - i. 700-MHz Plan Development - Discuss, review, and finalize 700-MHz plan in preparation for the adjacent region concurrence
5. New Business and Comments
6. Schedule Next Meeting and Adjourn

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

The agenda for this meeting includes:

1. Review and Approve June 20, 2006 Meeting Agenda
2. Review and Approve May 2, 2006 Meeting Report
3. Old Business
 - a. Update – Region 8 Window 8 Applications Actions
4. New Business/Comments
5. Schedule Next Meeting and Adjourn

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
PH: (516) 571-6400
FX: (516) 571-6407
Email: pmead@mail.co.nassau.ny.us

– FCC –



June 20, 2006 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, June 20, 2006 at 10:00 AM

LOCATION: Nassau County Police Headquarters, Assembly Hall,
1490 Franklin Avenue, Mineola NY 11501

Review and Approve June 20, 2006 Meeting Agenda

The meeting was called to order at 10:15 AM. The meeting agenda for June 20, 2006 was reviewed and approved unanimously.

Review and Approve May 2, 2006 Meeting Report

The May 2, 2006 meeting report was changed to reflect that Mr. Jim Hassett from the NYPD gave a presentation covering the underground system design and spectrum management. The meeting report for May 2, 2006 was unanimously approved as amended.

Interoperability (SIEC Reports)

a. New York State

Ms. Maribel Martinez-Bradwell noted that New York State had assigned Mr. Peter Roche to head the SIEC in New York and noted that Mr. Roche will be provided with New Jersey's SIEC contacts.

b. New Jersey

Chief Raymond Hayling II noted that New Jersey was moving forward with all its plans and that New Jersey had a new office of Homeland Security.



Working Group Activities

4.9-GHz Working Group Activities – Mr. Felix Melendez

Mr. Felix Melendez stated that there were four additional 4.9-GHz licenses in Region 8, bringing the total to 49 licenses. He noted that he had e-mailed to Mr. Meade a copy of the letter that he had drafted to be sent to the 4.9-GHz licensees and that he (Mr. Melendez) provided the Chair with the letter. Further, Mr. Melendez noted that, if the letter were approved by the committee, it would be e-mailed to all 4.9-GHz licensees with the Regional Guidelines attached.

Mr. Melendez made a motion to send a copy of the 4.9-GHz Regional Guidelines to Mayville, and the motion passed. Mr. Meade requested that Ms. Beatrice Opee e-mail Region 8's cover letter to Mr. Melendez. Ms. Maribel Martinez-Bradwell noted that she would contact Ms. Jeannie Benfaida at the FCC and determine whether the 4.9-GHz Guidelines needed FCC approval.

700-MHz Working Group Activities – Mr. Travis LePage

Mr. Travis LePage stated that he had organized his presentation in two parts. The first part was to review revised and new sections of the 700-MHz Regional plan. The second part was to review the whole plan, and then request that members vote on it. Using an overhead projector, Mr. LePage informed members that "DTV Interference Protection" listed on page 44 in Section 10 of the plan stated that regions must protect the DT/DTV stations. On page 129, "Requirement for Inter Regional Dispute Process" defined rules of engagement when dealing with internal conflicts. Page 155, "Appendix Q, quick reference guide" showed a reference guide to the "Part 90, Land Mobile Radio" and stated that the rules were updated in January, February, July, and August of every year. He also noted that the plan did not include broadband.

Mr. Melendez introduced the idea of including "orphaned channels" in the 700-MHz plan. He provided a copy of section 7.3 of Region 39's plan, suggesting that Region 8 members use that as a baseline for addressing this issue. Numerous discussions ensued. Mr. Meade thought that the "orphaned channels" issue should be addressed separately. Ms. Martinez-Bradwell advised that it should be incorporated in the plan later. Members agreed to make a supplemental submission to the plan and requested that it be distributed electronically for comments. Mr. Emil Vogel noted that members need to address both internal and external processes. July 6, 2006 was established as the date to resolve and address the "orphan channel" issue.

The chair requested that voting members accept the plan as amended. Voting members signed a document with the following comments: 9 agencies approved the plan, 3 agencies disapproved the plan, and 2 agencies abstained from voting. Enough



members attended to form a quorum, and it was moved that the 700-MHz plan, as amended, be submitted to the adjacent RPC regions for review.

Ms. Martinez-Bradwell suggested that some Region 8 members attend the next adjacent regions' meetings and walk them through the highlights of Region 8 700-MHz plan in order to expedite the concurrence process. RPC Region 19 was scheduled to meet on September 12, 2006 and December 12, 2006. RPC Region 28 would be meeting on August 17, 2006 at the Delaware Memorial Bridge

New Business and Comments

- a. Mr. Doug Kerr from Carlson Wireless Technologies gave a brief presentation on the 4.9-GHz band. Questions about (and discussions of) the 4.9-GHz technologies soon followed. Mr. Kerr noted that he was not familiar with RPC Region 8's 4.9-GHz Regional Guidelines, and Mr. Melendez noted that he can provide Mr. Kerr with that information.
- b. A member noted that Melville District had licensed a 4.9-GHz frequency and should be sent a copy of the 4.9-GHz Regional Guidelines. Mr. Melendez made a motion to send a copy of the Regional Guidelines to the district, and the motion was accepted unanimously.
- c. RPC Region 19 had been requested by the FCC to put a copy of its 4.9-GHz plan under a docket.
- d. Mr. Meade suggested that he will attend Region 30's meeting on September 14, 2006 and the Region 28 meeting on August 17, 2006.
- e.

Schedule Next Meeting and Adjourn

The next meeting is scheduled for Tuesday, August 15, 2006, at the Life Safety Complex, 1 Jockish Square, Paramus NJ 07652. The meeting adjourned at 11:15 AM.



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August 15, 2006 Public Meeting Notice



PUBLIC NOTICE

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

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DA 06-1425
July 11, 2006

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

**REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
PLANNING COMMITTEES TO HOLD
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND
NPSAC 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
(General Docket No. 88-476)**

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive Region 8 Public Safety planning meetings. On Tuesday, August 15, 2006, the Region 8 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.

The agenda for this meeting includes:

1. Review and Approve August 15, 2006 Meeting Agenda
2. Review and Approve June 20, 2006 Meeting Report
3. Interoperability (SIEC Reports)
 - New York State
 - New Jersey
4. Working Group Activities
 - 4.9-GHz Working Group Activities – Mr. Felix Melendez
 - 700 MHz Working Group Activities – Mr. Travis LePage
 - Issue of “Orphaned Channels” – Mr. Melendez
 - Sending the 700 MHz Plan to Adjacent Regions for Regional Concurrence
5. Old Business
 - Update: Melville Fire District 4.9 GHz (Mr. Melendez)

¹ Region 8, the New York – Metropolitan area consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- Update: Some Region 8 members attending meetings in Regions 19, 28 and 30.

6. New Business and Comments

7. Schedule Next Meeting and Adjourn

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

The agenda for this meeting includes:

1. Review and Approve August 15, 2006 Meeting Agenda

2. Review and Approve June 20, 2006 Meeting Report

3. Old Business

- Update – Region 8 “Window 8” Applications Actions
- Update – Region 28
- Update – RPCU Membership List

4. New Business/Comments

5. Schedule Next Meeting and Adjourn

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
PH: (516) 571-6400
FX: (516) 571-6407
Email: pmead@mail.co.nassau.ny.us

– FCC –



August 15, 2006 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, August 15, 2006 at 10:00 AM

LOCATION: Life Safety Complex, 1 Jockish Square, Paramus NJ 07652

Review and Approve August 15, 2006 Meeting Agenda

The meeting convened at 10:15 AM. A new item was added to the agenda under the "New Business" section. Mr. Sean O'Hara made a motion to accept the August 15, 2006 meeting agenda, as amended. Mr. Robert Schlieman seconded the motion, which passed unanimously.

Review and Approve June 20, 2006 Meeting Report

Chief Raymond Hayling II made a motion to approve the June 20, 2006 meeting report. Mr. O'Hara seconded the motion, and it passed unanimously.

Interoperability (SIEC Reports)

a. New York State

Mr. Schlieman noted that New York State had nothing new to report at this meeting.

b. New Jersey

Chief Raymond Hayling II noted that 1) the New Jersey tactical interoperability communication plan was approved and was moving forward along with the SIEC plan and 2) New Jersey had filed a document with the FCC. He inquired about the document number to find out if SIEC uses the same number as FCC and whether anyone at the meeting had the document, which he would like to have a copy of.

When asked how many channels the New Jersey SIEC had, a representative answered 17. When asked if New Jersey was operating from multiple towers and was achieving



total coverage, a representative noted that the coverage areas were “broken down” by regions and that the thirty-six channels were not available everywhere. Further, the representative noted that New Jersey’s main focus was on reliability and sustainability.

Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

A member of the Nassau County Police Department stated that it received a license since the last meeting.

700-MHz Committee – Mr. Travis LePage

i. Sending the 700-MHz Plan for Regional Concurrence

Mr. LePage noted that he was going to file an addendum with the orphaned-channel subsection (1.6). He also stated that Region 8 had received concurrence from Region 30 on August 1, 2006. Further, some members from Region 8 planned on attending Region 19’s September 12, 2006 meeting and Region 28’s September 17, 2006 meeting to discuss the evaluation of applications and technical aspects. Mr. LePage also informed members of Region 8’s website’s development progress, and noted that a copy of the 700-MHz plan was posted on the website.

Issue of Orphaned Channel – Mr. Felix Melendez

It was noted that the Technical Working Group had held two conference-call meetings to discuss the orphaned-channel issue.

Mr. O’Hara used a detailed presentation on the screen to propose wording to resolve the problem. He made a reference to Section 5 of the existing 700-MHz plan, and showed how the wording could be changed to address the orphaned-channel issue. He noted that there was some level of flexibility within the current 700-MHz plan to address the orphaned-channel concern — without filing with the FCC for a plan amendment. Mr. Schlieman expressed concern that the 30 miles cited might place Region 8 into other regions like 19 and 28, and inquired what would be the protection factor and the reliability degradation.

Mr. Joseph Yurman noted the need for engineering and modeling tools, and noted that the cumulative degradation needs to be considered. Other members noted the need for more responsible planning, and requested before-and-after engineering studies. Mr. David Stern inquired how agencies would do the engineering study of the “before” case, and suggested the need for a baseline for these studies.

Another member noted that there should be Memorandum of Understanding (MOU) for intra-regional and inter-regional concurrence.



Old Business:

Update: Melville Fire District 4.9-GHz – Mr. Melendez

Mr. Conroy Smith noted that the 4.9-GHz Regional Guidelines had been sent to the Melville Fire District, but that Mr. Melendez had not received any response regarding the letter.

Update: Region 8 Members Attending Regions 19, 28, and 30 Meetings

Some members from Region 8 planned to attend RPC Regions 19, 28, and 30 meetings.

New Business and Comments

700-MHz Restructuring Update: Mr. Sean O'Hara

Mr. O'Hara said that proposals affecting the 700-MHz band were under review and noted that one proposal would allow broadband aggregation to the 700-MHz band in the wideband portion. Using an overhead projector to show a color-coded map, he gave a detailed description of the wideband or broadband, to protect the narrowband allotment.

A member asked if there were, other than software updates, any technical restrictions on channeling those radios that would present a problem. Mr. O'Hara responded that the radios would have to be programmed and reprogrammed. He noted that an agency could choose either broadband or wideband. Further, he recommended that Region 8 and Region 19 work together to resolve spectrum issues.

Schedule Next Meeting

The next meeting is scheduled for Tuesday, October 17, 2006 at the Life Safety Complex, 1 Jockish Square, Paramus NJ 07652. The meeting adjourned at 11:26 AM.



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October 17, 2006 Public Meeting Notice



PUBLIC NOTICE

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DA 06-1775
September 7, 2006

WIRELESS TELECOMMUNICATIONS BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING (General Docket No. 88-476)

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive Region 8 Public Safety planning meetings. On Tuesday, October 17, 2006, the 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.

The agenda for this meeting includes:

- Review and Approve October 17, 2006 Meeting Agenda
- Review and Approve August 15, 2006 Meeting Report
- Interoperability (SIEC Reports): New York State and New Jersey

- Working Group Activities
 - 4.9 GHz Working Group – Mr. Felix Melendez
 - 700 MHz Working Group – Mr. Travis LePage
 - Update: Issue of the “Orphaned Channels” – Mr. Melendez

- Old Business
 - Update: Region 19 and Region 28 Concurrence

- New Business/Comments
- Schedule Next Meeting

¹ The Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

The agenda for this meeting includes:

- Review and Approve October 17, 2006 Meeting Agenda
- Review and Approve August 15, 2006 Meeting Report
- Old Business – Updates:
 - Region 8 Window #8 application actions
 - Region 19 concurrence
 - Region 28
 - Regional Plan Update Committee (RPUC) membership list
- New Business and Comments
- Schedule Next Meeting and Adjourn

Both Region 8 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 – Metropolitan 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov

– FCC –



October 17, 2006 Meeting Report

**NYC METROPOLITAN AREA
FCC REGION 8
700-MHz REGIONAL PLANNING COMMITTEE
MEETING REPORT**

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, October 17, 2006 at 10:00 AM

LOCATION: Life Safety Complex, 1 Jockish Square, Paramus NJ 07652

Review and Approve October 17, 2006 Meeting Agenda

The meeting convened at 10:09 AM. The October 17, 2006 meeting agenda was accepted unanimously.

Review and Approve August 15, 2006 Meeting Report

Mr. Bill Gardner made a motion to approve the August 15, 2006 meeting report. Mr. Myles Quinn seconded the motion, and it passed unanimously.

Interoperability (SIEC Reports)

a. New York State

Ms. Maribel Martinez-Bradwell noted that New York had nothing new to report at this meeting.

b. New Jersey

Chief Raymond Hayling II noted that New Jersey was moving forward with build out of New Jersey interoperability channels. New Jersey had implemented two statewide 800-MHz channels, and other issues that New Jersey was addressing included having interoperability subgroups, discussions about notifications, and shared channels. Chief Hayling II stated that New Jersey was in the process of implementing proposed portal sites for logins without manual labor involved.



Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

Members were informed that the 4.9-GHz Work Group Guidelines had been e-mailed to every one on the Region 8 distribution list. Mr. Jim Hassett indicated that he was interested in knowing the type of information that the RPC Region 8 was looking for regarding putting up a 4.9-GHz hot-spot network. In the discussions that soon followed, some members stated they wanted to be informed about the following information:

- The difference between applying for fixed sites versus “hot spots” in relation to the RPC rules and guidelines,
- The technical parameters that the RPC was interested in from licensees applying for fixed and mobile 4.9-GHz licenses, and
- Primary versus secondary usage of 4.9-GHz licenses.

A member noted that, although 4.9-GHz licenses are not coordinated by the RPCs and did not require coordination from FCC coordinators, it is in the best interest of a licensee to inform the RPC members of the technical parameters required when licensing a fixed site.

The Chair noted that Region 8 4.9-GHz Work Group members would have a conference-call meeting before the next in-person meeting to discuss the responsibilities of the RPC regarding the 4.9-GHz applications and to clearly state, where applicable, in the 4.9-GHz Work Group Guidelines the role of RPC Region 8 and the responsibilities of the 4.9-GHz applicants in relation to the 4.9-GHz guidelines.

The Port Authority of New Jersey and New York submitted a 4.9-GHz testing request to RPC Region 8 for review and comments.

700-MHz Committee – Mr. Travis LePage

Mr. Travis LePage noted the Region 8 needed to address the “orphan-channel” issue by adding an addendum to the 700-MHz plan and then sending the addendum out to adjacent regions for concurrence. He requested a vote to approve the addendum. Mr. Joseph Yurman made a motion to approve adding the addendum to the 700-MHz Plan. Mr. Jim Hassett seconded the motion, which passed unanimously.

Old Business

Update: Region 19 and Region 28

Region 19’s representative noted that Region 19 meets on a quarterly basis and that they (representatives) would modify the letter from New York State and submit the



letter to Region 19 in New Hampshire. There were no updates to report regarding the status of Region 28's concurrence to Region 8's 700-MHz Plan.

New Business and Comments

700-MHz Restructuring Update: Mr. Sean O'Hara

Mr. O'Hara noted that there were two new dockets — WT Dockets 06-150 and 06-169 — regarding the 700-MHz band restructuring. He informed members that November 23, 2006 was the last day to file for "request for comments." Further, he noted that NPSTC, Verizon, and New York State were planning to file for comments. Mr. O'Hara stated that the response to the comments would be accepted by the Commission within two weeks after the filings are closed. The issues raised include different rules in the old-band licenses, restructuring public-safety spectrum itself, power flex density information on the ground, and people mounting antennas too close to the ground.

The Chair noted that there would be "reply comments" also from Region 8. Mr. O'Hara noted that he would arrange for a conference call after November 23, 2006 to discuss with members the content of Region 8's "reply for comments" that it will file.

NPSTC Meeting in Islandia, Long Island

Mr. O'Hara informed members that NPSTC was going to hold a meeting on Long Island on November 14, 15, and 16 this year. He encouraged members to register and participate in the meetings. He noted that there was going to be a 2-1/2 hour CAPRAD training session. Another member reminded participating members to bring their laptops to the NPSTC meeting, because some training sessions would be interactive.

Schedule Next Meeting

The next meeting is scheduled for Tuesday, December 19, 2006 at a meeting location to be determined. The meeting adjourned at 10:57 AM.



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December 19, 2006 Public Meeting Notice



PUBLIC NOTICE

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

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DA 06-2378
November 27, 2006

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION
REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY
REGIONAL PLANNING COMMITTEES TO HOLD
700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
AND 800 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING
(General Docket No. 88-476)

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive Region 8 public safety planning meetings. On Tuesday, December 19, 2006, the 700 MHz Regional Planning Committee meeting will convene at 10:00 a.m. at the Rockland Fire Training Center, 35 Firemen's Memorial Drive, Pomona, New York.

The agenda for this meeting includes:

- Review and Approve December 19, 2006 Meeting Agenda
- Review and Approve October 17, 2006 Meeting Report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working Group Activities
 - 4.9 GHz Working Group – Mr. Felix Melendez
 - Update: Status of Port Authority Request for the 4.9-GHz Use at LaGuardia Airport
 - Update: Question regarding RPC Approval for the 4.9-GHz Point-to-Point Usage
 - 700 MHz Working Group – Mr. Travis LePage
 - Old Business
 - Update: 700 MHz Plan Updates and Regional Concurrence
 - Update: Region 19 Concurrence
 - Update: 700 MHz WT Dockets 06-169 and 96-86, Replies for Comments – Mr. Sean O'Hara

¹ The Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- New Business/Comments
- Schedule Next Meeting

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

The agenda for this meeting includes:

- Review and Approve December 19, 2006 Meeting Agenda
- Review and Approve October 17, 2006 Meeting Report
- Old Business
 - Update: Region 8 Window 8 Applications
 - Update: Region 19 Concurrence
 - Update: Updated 800 MHz RPUC Committee List
 - Update: 800 MHz Rebanding
- New Business and Comments
 - Procedures for ITAC Channels
- Schedule Next Meeting and Adjourn

Both Region 8 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 8 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 8 are encouraged to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8, 700 MHz and 800 MHz Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov

– FCC –



December 19, 2006 Meeting Report

**NYC METROPOLITAN AREA
FCC REGION 8
700-MHz REGIONAL PLANNING COMMITTEE
MEETING REPORT**

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, December 19, 2006 at 10:00 AM

LOCATION: Rockland Fire Training Center, 35 Firemen's Drive, Pomona NY

Review and Approve December 19, 2006 Meeting Agenda

The meeting convened at 10:26 AM. The December 19, 2006 meeting agenda was accepted unanimously.

Review and Approve October 17, 2006 Meeting Report

The October 17, 2006 meeting report was also accepted by consensus.

Interoperability (SIEC Reports)

a. New York State

Mr. Schlieman noted that the state of New York had nothing to report at this time.

b. New Jersey

Mr. Raymond Hayling II noted that, for the last two years, New Jersey has been moving forward with its plan. Three channels have been added, and there is a process in place for putting the channels on the air.

Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

Mr. Felix Melendez noted that New York Police Department and the Port Authority of New York and New Jersey had requested RPC approval according to the 4.9-GHz



Regional Guidelines. Mr. Melendez thanked both agencies for informing the 4.9-GHz Work Group Committee of their plans. A member asked how the 4.9-GHz Work Group was going to maintain a database for agencies' information. Another member asked how information would be shared within Region 8 and with other Regions. Another member noted that RPC Region 8 has an obligation at some point to post the 4.9-GHz information on the Regional website.

Mr. Schlieman noted that information posted on the FCC website is a matter of Public Record and there are no security aspects in respect to that; however, the hot-spot locations would constitute an issue. Mr. Meade noted that the information listed on the RPC website could include the licensee name. The other two issues were: 1) establishing a contact party for each license in RPC Region 8 and 2) writing to each licensee to ask for a specific contact in the 4.9-GHz operations.

Old Business

Update - 700-MHz Plan and Regional Concurrence: Mr. Travis LePage

Mr. LePage noted that the RPC R8 700-MHz Plan had been submitted to Regions 19, 28, and 30 for review on August 1, 2006 and that, so far, only Region 30 (Eastern and Upstate New York) had stated (on August 7, 2006) its concurrence with the plan. He also noted that the target date for the Region's plan to be submitted to the Federal Communications Commission (FCC) is February 1, 2007. Further, 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 get familiar with it.

New Business and Comments

Interregional Dispute-Resolution Process - Mr. Travis LePage

Mr. LePage informed members of the committee that the Interregional Frequency - Coordination and Dispute Resolution Procedure has been revised. Upon further review of the procedure, he noted that the terms in the Interregional Coordination Agreement and Dispute Resolution needed more clarification. Additionally, the Regional Planning Committee (RPC) Region 19 requested that the terms be revised to facilitate application review and coordination. Mr. LePage presented the revised document to the members of the committee for review.

The chair (Mr. Meade) noted that the timeline had been modified to extend the number of days that the regions have during which to move concurrence along with regional coordination. He welcomed comments, in particular from the adjacent regions that were present at the meeting, and indicated that he would entertain a motion to accept the changes and incorporate them in the plan. Mr. Schlieman's motion to make the changes was seconded by Mr. Melendez, and it passed unanimously.



700-MHz - Longley Rice Explanation

Presenting the 700-MHz Plan to the members of the committee, Mr. LePage noted that an explanation added to Section 9.2 of the 700-MHz Plan talked about the Coverage and the Interference Prediction Methodology. He explained to the members the gist of the addendum, which states the following:

"Both the TSB-88 and the Longley Rice propagation model in the median mode (50/50/50) shall be use to evaluate coverage and interference for proposed systems in Region 8. 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."

He further noted that this is a method that is used by the Commission for evaluating interference and that he is going to submit the addendum to Regions 19, 28, and 30 for concurrence.

Mr. Schlieman moved to accept the modification to the plan. Mr. Joe Yurman seconded the motion, and it passed unanimously.

New Business

A member noted that there should be a Working Group teleconference meeting to determine if it was advantageous to re-band 700-MHz public safety spectrum and address public safety issues, including the border issues.

Schedule Next Meeting and Adjourn

The next meeting is scheduled for Tuesday, February 27, 2007 at 59 Maiden Lane (14th Floor) New York NY 10038. The December 19, 2006 meeting was adjourned with unanimous approval at 10:57 AM.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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February 27, 2007 Public Meeting Notice



PUBLIC NOTICE

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

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DA 07-155
January 23, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING MEETING AND 800 MHz NPSAC REGIONAL PUBLIC SAFETY PLANNING MEETING

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two meetings on Tuesday, February 27, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee meeting will convene at the New York City Department of Information Technology and Telecommunication, 59 Maiden Lane (14th Floor), New York, New York.

The agenda for the 700 MHz meeting includes:

- Review and Approve February 27, 2007 Meeting Agenda
- Review and Approve December 19, 2006 Meeting Report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working Group Activities
 - 4.9 GHz Working Group – Mr. Felix Melendez
 - 700 MHz Working Group – Mr. Travis LePage
- Old Business
 - Update: 700 MHz Plan Status Report
 - Region 19 Concurrence

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- Region 28 Concurrence
- Vote on Providing Concurrence for the Region 30 700 MHz Plan
- New Business/Comments
- Schedule Next Meeting and Adjourn.

Immediately following the adjournment of the 700 MHz Regional Planning Committee meeting, Region 8 will convene its 800 MHz NPSPAC Regional Planning Committee meeting.

The agenda for the 800 MHz meeting includes:

- Review and Approve February 27, 2007 Meeting Agenda
- Review and Approve December 19, 2006 Meeting Report
- Old Business
 - Update: Region 8 Window 8 Applications
 - Update: Region 19 Concurrence
 - Update: Regional Plan Update Committee (RPUC) Membership List
 - Update: 800 MHz Rebanding
 - Update: Procedures for ITAC Channels
- New Business and Comments
- Schedule Next Meeting and Adjourn

Both Region 8 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 8 would utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz and 4.9 GHz bands within Region 8 should plan to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov

- FCC -



February 27, 2007 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, February 27, 2007 at 10:00 AM

LOCATION: 59 Maiden Lane (14th Floor) New York NY 10038

Review and Approve February 27, 2007 Meeting Agenda

The meeting convened at 10:13 AM. The February 27, 2007 meeting agenda was accepted unanimously with the addition of Mr. Carl Aron presenting a presentation on "Understanding the FCC's 9th Notice of Proposed Rule Making in Docket WT 96-86".

Review and Approve December 19, 2006 Meeting Report

The December 19, 2006 meeting report was also accepted by consensus.

Interoperability (SIEC Reports)

a. New York State

There were no new items to report at this time, but Mr. Vincent Stile informed the committee that there is going to be training on March 21-23, 2007 on putting together interoperability plans for each State. He also noted that five individuals from each state are being asked to attend and that it is sponsored by the governor and the National Public Safety Telecommunication Council (NPSTC).

b. New Jersey

Basically, Mr. Raymond Hayling II noted that New Jersey has been moving forward with its plan. He also informed the committee that MTA, Port Authority, New Jersey Transit, and Amtrak are provided interoperability to get them through their plans.



Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

Mr. Felix Melendez noted that, since the last meeting held on December 19, 2006, the Suffolk County Police Department had been approved for one 4.9-GHz license and noted that information regarding the license is available on the NYS-RPC website. He also informed the members that he had received an e-mail from Packet Hop in reference to the Lakewood Police (Lakewood NJ) deploying New Jersey's first 4.9-GHz Broadband Mobile-mesh network and that he is working with the Lakewood Police to see if it could come and present something to the committee. He also distributed copies of the e-mail to the members of the committee.

Old Business

Update - 700-MHz Plan and Regional Concurrence: Mr. Travis LePage

Mr. LePage distributed the RPC Region 8 700-MHz Plan addenda and informed the members that they had been submitted to Regions 19, 28, and 30 for review on February 12, 2007. He informed the members the completion of the revised interregional frequency-coordination and dispute resolution procedure, a methodology to manage Orphan Channels (see next paragraph), and an explanation of why Region 8 proposes to the use Longley-Rice propagation model for coverage and interference-prediction.

[An orphan channel is defined as "a channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block"]

Region 19 Concurrence: Mr. LePage

Mr. LePage informed the committee that Ms. Maribel Martinez-Bradwell (SWN-OFT), Mr. Sean O'Hara (SRC), and he had held the first meeting to walk Region 19 representatives through Region 8's 700-MHz Plan on September 12, 2006 and that representatives from Region 8 are scheduled to attend the next Region 19 meeting on March 13, 2007 in Framingham, Massachusetts to facilitate concurrence for the Plan. In addition, Mr. Zarwanski (Vice Chair of Region 19) noted that Region 19 is scheduled to vote for the Region 8 and the Region 30 700-MHz Plans during its next meeting.

Region 28 Concurrence: Mr. LePage

On August 17, 2006, he and Mr. Sean O'Hara (SRC) walked Region 28 through the Region 8 700-MHz Plan. He also noted that currently he is working with Richard Reynolds (Chairperson) and the Technical Subcommittee to facilitate Region 28 concurrence for the Region 8 700-MHz Plan.



Voting on Providing Concurrence for RPC Region 30 700-MHz Plan: Mr. LePage

Mr. LePage talked briefly about RPC Region 30's 700-MHz Plan, which he had previously distributed and e-mailed out to the members of the committee for review. With the approval of Mr. Meade (Chair), 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. John Robertson and seconded by Mr. Anthony Melia. Mr. Joseph Yurman and Mr. Felix Melendez abstained from voting, but everyone else voted 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.

New Business

RCC Consultants Presentation – Mr. Carl Aron

Mr. Aron distributed out copies of the comments from RCC Consultants Inc about the Ninth Notice of Proposed Rule Making and the proposal of the Federal Communications Commission for the implementation of a nationwide, broadband, interoperable public safety network in the 700-MHz band on FCC Docket # WT 96-86. He discussed these comments.

Mr. O'Hara commented on this presentation and asked the Chair to expand the current 4.9-GHz working group into a new 700-MHz Broadband/Wideband working group. The three points he raised for the members are:

- the group should draft a response for the RPC to review on the Ninth Notice of Proposed Rule Making, as well as creating a draft on the Broadband Optimization Plan (BOP)
- the group should draft a section in (or an addendum to) the 700-MHz Plan that deals with the Regional deployment of broadband, as well as how the region is going to internally allocate wideband/broadband spectrum; and
- the group need to deal with (and/or develop guidelines for) data interoperability, including the interfaces with other groups like NIST/OLES NPSTC, and APCO.

The Chairperson (Mr. Meade) entertained a motion to formalize a wideband/broadband subcommittee. The following people volunteered to serve on this work group:

Harte, Steve - DoITT;
Hassett, James - NYC Police Department - Chair of the Sub Group;
Hayling II, Raymond - New Jersey Attorney General's Office & Chief Public Safety Communications;
Louit, Gerard - NYCT;
O'Hara, Sean - Syracuse Research Corporation (NYS);

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Simonetti, Raymond - Port Authority of NY/NJ Public Safety Department;
Stile, Vincent R. - NYS Office for Technology Statewide Wireless Network;
Stern, David - V-Comm;
Vaughan, Don - NYSTEC;
Dzissah, Kwasi – NYSTEC (Staff);
LePage, Travis – NYSTEC (Staff); and
Opee, Beatrice – NYSTEC (Staff).

Schedule Next Meeting and Adjourn

The next meeting is scheduled for Tuesday, May 1, 2007, at the Nassau County Police Headquarters, Assembly Hall, 1490 Franklin Avenue, Mineola, New York, 11501. A motion to adjourn the meeting was made by Mr. Ray Simonetti. It was seconded by Mr. Raymond Hayling II, and it passed unanimously. The meeting ended at 11:21 AM.



May 1, 2007 Public Meeting Notice



PUBLIC NOTICE

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

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DA 07-1213
March 9, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, May 1, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Nassau County Police Headquarters, Assembly Hall, 1490 Franklin Avenue, Mineola, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve May 1, 2007 meeting agenda
- Review and approve February 27, 2007 meeting report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working group activities
 - 4.9 GHz working group (Mr. Felix Melendez)
 - 700 MHz working group (Mr. Travis LePage)
- Old business
 - Update – 700 MHz status report
 - Update – 700 MHz adjacent Regions concurrence
- New business/comments

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- 700 MHz broadband/wideband subcommittee working group
(Mr. James Hassett)
- 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 1, 2007 meeting agenda
- Review and approve February 27, 2007 meeting report
- Old business
 - Update – Region 8 Window 8 applications actions
 - Update – Region 19 concurrence
 - Update – 800 MHz Nextel Rebanding Committee (Mr. Ray Hayling, II)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 8 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 8 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz, and 4.9 GHz bands within Region 8 should plan to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov



May 1, 2007 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, May 1, 2007 at 10:00 AM

LOCATION: Nassau County Police Headquarters, Assembly Hall, 1490 Franklin Avenue,
Mineola, New York

Review and Approve May 1, 2007 Meeting Agenda

The meeting convened at 10:15 AM. Mr. Meade thanked Deputy Inspector Ed Horace and the Nassau County Police Department for the use of their facilities, and Sergeant Tom Golder for making arrangements for refreshments. The May 1, 2007 meeting agenda was accepted unanimously.

Review and Approve February 27, 2007 Meeting Report

Mr. Mark Clampet made a motion to accept the February 27, 2007 meeting report. Mr. William Gardner seconded the motion which passed unanimously.

Interoperability (SIEC Reports)

a. New York State

Mr. Vincent Stile provided an update regarding the "Statewide Planning Workshop for Public Safety Interoperable Communications" that was held on March 21-2003, 2007 in Los Angeles, California. This event was hosted by the National Governors Association (NGA) and the National Public Safety Telecommunications Council (NPSTC). The discussions and workshops at the meeting revolved around "Statewide Plan guidelines".

Mr. Stiles noted that the Meeting was well attended, over 200 representatives from different states participated. Mr. Stiles mentioned names of representatives from New York State who attended the meeting. Mr. Stiles also noted that New Jersey did not send the required five-member team.



The National Telecommunication and Information Administration (NTIA) through the Department of Homeland Security will provide about \$960 million in grants to qualified public safety agencies for the reallocation of spectrum used by public safety entities.

Below are some of the primary requirements for the Public Safety Interoperability Communications (PSIC) Grant Program. a.) The grants will be awarded by September 30, 2007 and the period of performance is 36 months. b.) Up to 5 percent of the total funds will be available at award to ensure that Statewide Communications Interoperability Plans include consideration of the PSIC Grant Program requirements; c.) Remaining funds will be contingent upon submission and peer review of a Statewide Interoperable Communications Plan (Statewide Plan) and investment justifications and federal approval of applications and investment justifications; d.) Funding can be used for the acquisition of, deployment of, or training for, the use of interoperable communications systems that use or enable interoperability with communications systems that support the 764-776 MHz and 794-806-MHz frequency bands as well as other available technologies to advance overall public safety interoperability, so long as those technologies will enable first responders to interoperate with the 700-MHz band in the future; and e.) PSIC includes a statutory not-less-than 20 percent match.⁴²

Mr. Stile noted that the SAFECOM guidelines towards the statewide interoperability are good. The plan was due by November 1, 2007. Mr. Jerry Zarwanski noted that everything in the plan has to revolve around 700-MHz in order to get some type of funding.

b. New Jersey

Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

Mr. Felix Melendez informed the group that Lakewood Police in New Jersey were implementing a 4.9-GHz system. Mr. Melendez requested the Chair's approval to reach out to licensees and inform the licensees of these guidelines. The Chair approved the request to reach out to the 4.9-GHz licensees. Speaking as a frequency advisor, Mr. Yurman noted that it should be a requirement not an option for licensees to adhere to the 4.9-GHz Regional Work Group Guidelines.

Old Business – Mr. Travis LePage

Update - 700-MHz Status Report

Using an overhead projector, Mr. LePage gave a brief background of the importance of the 700-MHz Plan. He noted that the RPCs were responsible for allotting and allocation of spectrum to public safety agencies and how they played a role in the 700-MHz plan

⁴² http://www.nctcog.org/ep/SAA_Bulletins/IB_248.pdf



developments. Mr. LePage's presentation focused on the status and the progress of activities that are currently in progress.

Region 19 and Region 28 Concurrence

Mr. LePage noted that Region 30 and Region 19 had provided their concurrence letters and that Region 8 was waiting on Region 28's concurrence letter before filing the 700-MHz plan with the commission. Further, Mr. LePage noted that May 30, 07 was the target date. He also encouraged members to review the "low power document" so that it could be discussed at the next meeting.

New Business/comments

700-MHz broadband/wideband subcommittee working group

The Chair of the 700-MHz Work Group Mr. James Hassett was not available. Mr. LePage noted that the 700-MHz broadband/wideband subcommittee working group had met on April 5, 2007. Under "Plan Development" section of his presentation, he noted that the 700-MHz Subcommittee held a conference all meeting on April 5, 07 and had another meeting scheduled on April 11. 07.

New Business

Interoperability Discussion:

Mr. Clampet suggested that defining "interoperability" might be useful because there are misunderstandings among governmental agencies; he further suggested that it might be useful for the group to define "interoperability". Soon afterwards discussion included the definition of interoperability, understanding of interoperability, specifically in relation to 4.9-GHz and 700-MHz, and defining parameters for interoperability.

Deputy Inspector Horace noted that interoperability is "the right people being able to communicate to each other at the right time". Mr. Meade noted that some vendor's understanding of interoperability might be slightly different from that of the public safety agencies. Other members who participated in the discussion expressed concerns regarding funding and expressed concerns that the FCC was not listening to the views of the RPC communities.

A member emphasized that the FCC actions and reactions with respect to the 700-MHz rebanding clearly show that they are not listening to New York State and other RPCs, while a different member stated that there was a clear disconnect in federal government. A member representing New Jersey noted that two municipalities lost communications during a flood, and that nobody showed up to help with the equipment.

Another member noted that New Jersey programs that go directly down to the municipality of the counties were calling the representative to ask for assistance with



their interoperability plans. He noted that each municipality was provided with the right parameters that still allows for addressing unique needs of these municipalities. A member from New York noted that nationwide interoperability should operate at a local level, instead of a global view. Mr. Meade stated that the Region 8 will continue filing letters to the FCC that address the needs of the public safety communities within Region 8.

FCC Report and Order and Further Notice of Proposed Rulemaking – Mr. Sean O’Hara

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 .

Schedule Next Meeting and Adjourn

The meeting was adjourned at 11:30 AM by consensus. The next meeting is scheduled on July 10, 2007 at the Rockland Fire Training Center, 35 Firemen’s Memorial Drive, Pomona NY. Directions to the meeting will be e-mailed with the Public Notices from the FCC.



July 10, 2007 Public Meeting Notice



PUBLIC NOTICE

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

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DA 07-2080
May 16, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, July 10, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Rockland Fire Training Center, 35 Firemen's Memorial Drive, Pomona, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve July 10, 2007 meeting agenda
- Review and approve May 1, 2007 meeting report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working group activities
 - 4.9 GHz working group (Mr. Felix Melendez)
 - 700 MHz working group (Mr. Travis LePage)
- Old business
 - Update – 700 MHz status report
 - Update – 700 MHz adjacent Regions concurrence
 - 700 MHz broadband/wideband subcommittee working group (Mr. James Hassett)
- New business/comments
 - Review guidelines to administer the 700 MHz low-power interoperability channels and vote on including them in the proposed 700 MHz plan

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



- 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 10, 2007 meeting agenda
- Review and approve May 1, 2007 meeting report
- Old business
 - Update – Region 8 Window 8 applications actions
 - Update – Resolution of the modeling tool between Region 8 and Region 19
 - Update – 800 MHz Nextel Rebanding Committee (Mr. Ray Hayling, II)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 8 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 8 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz, 800 MHz, and 4.9 GHz bands within Region 8 should plan to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov

- FCC -



July 10, 2007 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, July 10, 2007 at 10:00 AM

LOCATION: Rockland Fire Training Center, 35 Firemen's Memorial Drive, Pomona NY

Review and Approve July 10, 2007 Meeting Agenda

The meeting was called to order at 10:22 AM by Mr. Robert Schlieman due to Mr. Peter Meade (Region 8 Chairperson) not being present at this meeting. The July 10, 2007 meeting agenda was accepted unanimously with a notification that the meeting is being recorded for the benefit of the meeting report.

Review and Approve May 1, 2007 Meeting Report

Mr. John Vallarelli made a motion to accept the May 1, 2007 meeting report. Mr. Mark Romano seconded the motion. The meeting report was unanimously approved.

Interoperability (SIEC Reports)

a. New York State

Mr. Vincent Stile informed the members about the Statewide Communication Interoperability Plan (SCIP) effort that is being undertaken. Mr. Stile noted that New York State will be holding three (3) project kick-off meetings. One meeting will be held in each of the New York State Regional Planning Committee (RPC) geographic areas – Regions 8, 30, and 55. He further stated that the RPC Region 8 meeting will be held on July 24, 2007 at the Office of Emergency Management (OEM), 165 Cadman Plaza East, Brooklyn NY 11201.

Under a Memorandum of Understanding (MOU) executed on February 16, 2007, between the National Telecommunications and Information Administration (NTIA) and



the Department of Homeland Security (DHS), the NTIA assumes approval authority on all aspects of the program guidance, grant awards, and grant applications. In order for States and Territories to be eligible to apply for grant assistance, a Statewide Communications Interoperability Plan (SCIP) must be prepared and submitted to the DHS by November 1, 2007.

Ms. Maribel Martinez-Bradwell noted that the draft SCIP plan is due on September 30, 2007 while the deadline for submitting the final SCIP plan is due on November 1, 2007. Mr. Stile further noted that the Public Safety Interoperable Communications (PSIC) required that the SCIP plan must consider interoperability with 700-MHz and address National Telecommunications and Information Administration (NTIA) objectives; further, a minimum of 80% funding must be passed through the state to local, tribal, and non-governmental organizations (NGO); subsequently the plan requires participation from local, regional, and State authorities. The state will be responsible for the following:

- Assigning a State Workshop leader to co-facilitate and lead the discussions at the workshop
- Ensuring participation from necessary agency/personnel
- Collecting inventory information
- Identifying a “designated plan keeper”
- Bringing necessary materials to planning workshops
- Implementing a structure to reach Statewide consensus in a timely fashion to finalize the document

The following PSIC-related questions must be addressed if a State intends to pursue PSIC funding:

- Description of how public safety agencies will acquire, deploy, and train on communications systems that use or enable interoperability with the public safety spectrum in the 700-MHz frequency band
- Description of how tribal government entities interoperable communications needs to have been included in the planning process and how their needs are being addressed, if applicable
- Description of how non governmental organizations’ interoperable communications needs have been included in the planning process sand how their needs are being addressed, if applicable ⁴³

b. New Jersey

It was reported that Ms. Jody Nestor of the New Jersey has been tasked with leading the development of the SCIP for the State of New Jersey. Mr. Anthony Melia is supporting Ms. Nestor with this effort.

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http://www.safecomprogram.gov/SAFECOM/library/interoperabilitycasestudies/1223_statewidecommunications.htm



Mr. Ray Simonetti noted that Port Authority (PA) would need to be included in both the New York SCIP and the New Jersey SCIP or, alternatively, he would need to contact the Commission to find out if the PA should have its own SCIP. Ms. Martinez informed him that he should contact Ms. Merlyn Ward (Regional Coordinator) regarding the best approach for the PA to take.

On behalf of the State of Connecticut, Mr. Jerry Zarwanski informed the committee that it had hired three (3) consultants, pending on the five-percent funding approval. The consultants are going to coordinate and get input from all the public safety agencies and the Tribal Nations in the Commonwealth of Connecticut.

Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

Mr. Conroy Smith informed the group that there were no new activities to report at that time.

Old Business – Mr. Travis LePage

Update - 700-MHz Status Report

Using an overhead projector, Mr. LePage gave a brief background on the importance of the 700-MHz Plan. He noted 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.

Mr. LePage informed the members that some of the emerging considerations that came out of the last Wideband/Broadband meeting were: 1) promoting flexibility in deploying narrowband, wideband, and broadband; 2) migrating existing data applications (e.g., shift 25-kHz data application to 700-MHz wideband (possibly broadband) channels to recover NPSPAC channels for voice); and 3) pre-allotting spectrum (equal access for a period of time).

Handing out the Interoperability Channel Usage Guidelines, Mr. LePage noted that the committee is scheduled to vote on including guidelines in the RPC 8's 700-MHz Plan to administer the forty-eight (48) 6.25-kHz Low-Power Channels. Mr. Yurman commented on guidelines on page 5, second paragraph: "At all other time there will be eligible users that may employ general public safety frequencies required...." He asked for clarification of the word "may" in the sentence, since it made the sentence sound vague. There were extensive discussions on the guidelines among the members. A teleconference call meeting was scheduled for August 20, 2007 to continue discussions on the guidelines.



Region 28 Concurrence

Mr. LePage noted that Region 28 had granted concurrence to the region's 700-MHz plan with the commission on July 16, 2007. Further, Mr. LePage noted that July 27, 2007 was the target for the plan to be delivered to the Commission.

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 of the formulation of a technical subcommittee, for which the members and the chair shall be appointed by the Region's Chairperson. Overall, the technical 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.

New Business/Comments

No new business to report

Schedule Next Meeting and Adjourn

The meeting was adjourned at 11:42 AM based on a motion by Mr. Robert Schlieman, which was seconded by Mr. Raghunandan Krishnamurthy. The next meeting is scheduled for September 18, 2007 at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.



September 18, 2007 Public Meeting Notice



PUBLIC NOTICE

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

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DA 07-3397
July 25, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, September 18, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.

The agenda for the 700 MHz meeting includes:

- Review and approve September 18, 2007 meeting agenda
- Review and approve July 10, 2007 meeting report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working group activities
 - 4.9 GHz Working Group (Mr. Felix Melendez)
 - 700 MHz Working Group (Mr. Travis LePage)
- Old business
 - Update – 700 MHz status report
 - Update – 700 MHz adjacent Regions concurrence
 - 700 MHz Broadband/Wideband Subcommittee Working Group (Mr. James Hassett)
- New business/comments
- Schedule next meeting and adjourn

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



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 18, 2007 meeting agenda
- Review and approve July 10, 2007 meeting report
- Old business
 - Update – Region 8 Window 8 applications actions
 - Update – Resolution of the modeling tool between Region 8 and Region 19
 - Update – 800 MHz Nextel Rebanding Committee (Mr. Ray Simonetti)
- New business/comments
- Schedule next meeting and adjourn

Both of the Region 8 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 8 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, 800 MHz, and 4.9 GHz bands within Region 8 should plan to attend. For further information, please contact:

Peter W. Meade, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov

- FCC -



September 18, 2007 Meeting Report

NYC METROPOLITAN AREA FCC REGION 8 700-MHz REGIONAL PLANNING COMMITTEE MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, September 18, 2007 at 10:00 AM

LOCATION: Life safety complex, 1 Jockish Square, Paramus, NJ

Review and Approve September 18, 2007 Meeting Agenda

The meeting was called to order at 10:11 AM by Mr. Carmine DeFalco of New Jersey Transit Authority, and Mr. Felix Melendez of New York City Department of Information Technology and Telecommunications took over at 10:20 AM due to Region 8 officials not present at this meeting. The September 18, 2007 meeting agenda was accepted unanimously with a notification that the meeting is being recorded for the benefit of the meeting report.

Review and Approve July 10, 2007 Meeting Report

It was noted that it is thirty-six (36) and not forty-eight (48) 6.25-kHz Low – Power Channels that need to be administered into the Interoperability Channel Usage Guidelines. Mr. Joe Yurman made a motion to accept the meeting report with the changes and amended. It was seconded by Mr. William Gardner and passed unanimously.

Interoperability (SIEC Reports)

a. New York State

Mr. Vincent Stile was not present to comment at the meeting to comment on the SIEC report for New York State. Ms. Opee informed the members about the ongoing meetings for the Statewide Communication Interoperability Plan (SCIP) in all three RPC's in New York State. She further stated that the RPC Region 8 held their first SCIP meeting on July 24, 2007 and the plan is in review. Mr. Jerry Zarwanski asked how



much money was allocated for the state of New York. Ms. Opee informed him that she has no knowledge on how much was allocated to New York State. Mr. Zarwanski commented that he was under the impression the 700-MHz requirement was taking out of the SCIP. He continued by stating that at some time when a region write plan they have to include some type of 700-MHz interoperability and equability's to the plan but that is no longer a requirement to the plan. Ms. Opee noted that as far as she knows it is still a requirement because it is part of the general guidelines to the SCIP plan and not aware the 700-MHz requirement has been taken out. A member noted that the requirements have not been taken out completely but one could file an affidavit for including the 700-MHz requirements.

b. New Jersey

No business to report at this time form New Jersey.

Working Group Activities

4.9-GHz Work Group – Mr. Felix Melendez

Mr. Melendez informed the member that, the Atlantic City Police Department in New Jersey been granted 4.9-GHz licenses. In New York State, he added that Saratoga County of Emergency Management Office, White Plains Public Safety, and the Genesee County have all been granted 4.9-GHz licenses. He also commented that the City of Buffalo has issued an RFP for a municipal Wi-Fi network and part of the RFP states that the city will set the network for the use of 4.9-GHz radio frequencies to accomplish data transport of the project. Also, He informed the member that New Jersey Transit has been actively involved in seeking a 4.9-GHz usage as well as Bergen County but has not had any official document from anybody regarding any aspect of the project.

Old Business – Mr. Travis LePage

Update - 700-MHz Status Report

Using an overhead projector, Ms. Beatrice Opee informed the members of the committee on the activities of the 700-MHz plan in the absence of Mr. Travis LePage. She informed the members 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. Finally she added by encouraging the member 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. Zarwanski inquired about who is going maintain the CAPRAD programming and going to repack the narrow band channels? A member commented that the narrow



band channels were just moved up/offset by 1 MHz; the op-channels are still going to remain the same. Other members commented that NIJ bankrolled the CAPRAD originally and whoever is currently in charge of the CAPRAD will be responsible for repacking the narrowband channels and its certainly not going to be the FCC and also not going to be the Block-D licensee.

Another member ask/inquired that if the regional planning process for approval of the regional plan is on hold until the FCC rules. Are we in a comment stage? Ms. Opee informed the members that if the region sends in the plan to the Commission it will be based on the current rules.

Update - Wideband/Broadband Technical Subcommittee – Mr. James Hassett

Mr. Hassett informed the member that since the working group did have a few conference call but the issue have been taking out of our hands not that there is a FCC rulings. Mr. Melendez asks if the committee needs to do anything in preparation for the next step of the process. Mr. Hassett answered that the next step is modifying the plan. He also commented that since the band plan is changing, the regions plan have to change to reflect that as well.

New Business/Comments

No new business to report

Schedule Next Meeting and Adjourn

The meeting was adjourned consensually at 10:45 AM. The next meeting is scheduled for November 13, 2007 at the New York City Transit Authority, 2 Broadway, 20th Floor, Room 20C New York, New York 10004.



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November 13, 2007 Public Meeting Notice



PUBLIC NOTICE

Federal Communications Commission
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Washington, D.C. 20554

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DA 07-4211
October 11, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, November 13, 2007. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the New York City Transit Authority, 2 Broadway, 20th Floor, Room 20C, New York, New York.

The agenda for the 700 MHz meeting includes:

- Review and approve November 13, 2007 meeting agenda
- Review and approve September 18, 2007 meeting report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working group activities
 - 4.9 GHz working group (Mr. Felix Melendez)
- Old business
 - 700 MHz working group (Mr. Travis LePage)
 - Update – 700 MHz status report
 - Update – guidelines to administer 700 MHz general use low-power interoperability channels in the plan
 - 700 MHz broadband/wideband subcommittee working group (Mr. James Hassett)
- New business/comments

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- 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 13, 2007 meeting agenda
- Review and approve September 18, 2007 meeting report
- Old business
 - Update – Region 8 Window 8 applications actions
 - Update – 800 MHz Nextel Rebanding Committee (Mr. Ray Simonetti)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 8 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 8 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.

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Peter W. Meade, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Assistant Fire Marshal, Fire and Rescue Services
Nassau County Fire Commission
140 15th Street
Mineola, New York 11501
(516) 571-6400
pmeade@nassaucountyny.gov

- FCC -



November 13, 2007 Meeting Report

**FCC REGION 8
NYC METROPOLITAN AREA
NY & NJ
700-MHz REGIONAL PLANNING COMMITTEE**

MEETING REPORT

CHAIR: Peter Meade
Nassau County Fire Communications Center
(516) 571-6400

DATE/TIME: Tuesday, November 13, 2007 at 10:00 A.M

LOCATION: New York City Transit Authority, 2 Broadway, 20th Floor, Room 20C, New York, New York

Review and Approve November 13, 2007 Meeting Agenda

The Chair, Mr. Peter Meade, called the meeting to order at 10:09 AM. He requested that everyone at the meeting introduce themselves. Mr. Jerry Zarwanski and other representatives from RPC Region 19 participated in the meeting via conference call. The meeting agenda was approved unanimously

Review and Approve September 18, 2007 Meeting Report

The September 18, 2007 meeting report was accepted by consensus, with changes from the "Borough of Atlantic City" to the "City of Atlantic City" under the 4.9-GHz update.

Interoperability (SIEC Reports): New York State and New Jersey

New Jersey

A member noted that Ms. Jody Nestor replaced Mr. Raymond Hayling, II, and another member informed the group that Ms. Nestor was the interim replacement.

New York State

Mr. Robert Schlieman noted that Mr. Vincent Stile was working on SCIP plans. Later on, when he joined the meeting; Mr. Stile stated that New York State had submitted a 450-page document to the Federal government; then representatives from the federal



government indicated to the state that it contained too much information. Accordingly, New York State was still working on the document. He also noted that he had received a lot of information throughout the New York State; he further noted that a lot of the information received was from public safety agencies in downstate; and that there was not as much information from upstate New York agencies. The information from public agencies was incorporated as part of the SCIP plan. He also noted that the State had a governance board and was planning on hiring an Interoperability Coordinator. He also mentioned that Ms. Lisa Templeton had been very helpful in assisting with the Investment Justification (IJ) plan.

4.9-GHz Working Group (Mr. Felix Melendez)

Mr. Melendez noted that there were no updates since the last meeting. He also noted that there were issues with vendors approaching public safety entities regarding the 4.9-GHz band, but that nobody had approached him. He mentioned that the Committee should understand the importance of knowing issues related to the 4.9-GHz in order to protect all the licenses. Members were provided with printouts containing listings of all the 4.9-GHz active licenses in New York State and New Jersey.

Old Business

700-MHz working group (Mr. Travis LePage)

Update – 700-MHz Status

- Mr. LePage informed members that there were five outstanding activities for the 700-MHz plan. He provided members with updates regarding the following items:
 - Closing out all changes to the plan,
 - Deciding whether to include the guidelines for the low-power interoperability channels,
 - Implementing any remaining changes reflecting the changes of the plan,
 - Providing the adjacent regions — 19, 28, and 30 — with new concurrence letters addressing the sections of the plan that have been changed, and
 - Giving concurrence regions a period of 15-30 days for review and comments after receiving the revised information.

Update - Guidelines to Administer 700-MHz General Use Low-Power Interoperability Channels in the Plan

- Mr. LePage requested that members review the proposed changes to the 700-MHz plan, specifically the Guidelines to administer 700-MHz general-use low-power interoperability channels in the plan. After discussions; Mr. Emil Vogel made a motion to accept the revisions made to the Low-Power Interoperability Channels. Mr. Robert Schlieman seconded the motion, which passed unanimously.



- The Chair noted that he had received correspondence from Region 28 regarding the interregional concurrence on its plan, and he provided the plan to Travis at the meeting.

700-MHz Broadband/Wideband Subcommittee Working Group (Mr. James Hassett)

Mr. Hassett was not present at the meeting to provide an update. A member noted that, at the last meeting, Mr. Hassett had mentioned that the Broadband/Wideband Subcommittee Working Group was not having meetings and were waiting for the FCC to make a decision regarding the Broadband/Wideband issue.

New Business and Comments

State of Connecticut to Improve Attendance

Mr. Meade noted that The State of Connecticut requested that it be allowed to have its representatives attend RPC Region 8 700-MHz meetings; the chair granted its request.

State of Connecticut Request for Extension of Time

The State of Connecticut informed RPC Region 8 that it would like an extension of time from the FCC until June 30, 2008 for its 700-MHz plan, which had been filed with the Commission early in November 2007.

Update: CAPRAD Repacking

Members were informed that it is expected that the National Institute of Justice (NIJ) would pay Syracuse Research Corporation (SRC) for helping with Computer Assisted Pre-coordination Resource and Database (CAPRAD) repacking; and that SRC expected to complete the repacking by the end of February 2008.

Update: Mr. Meade's Resignation

Mr. Peter Meade resigned as the Chair of RPC Region 8. Mr. William Gardner was elected as the new Chair. Mr. Meade noted that the 700-MHz Committee was formed January 23, 2002 and that he had served as the Chair for about six years. He thanked Mr. Vincent Stile, Mr. Robert Schlieman, Ms. Maribel Martinez-Bradwell, Mr. Felix Melendez, Mr. Joseph Yurman, Mr. Anthony Melia, all his travel-mates, Ms. Beatrice Opee, Mr. Dzissah, Mr. Sean O'Hara, Mr. Travis LePage, Mr. Tom Golder, and everyone else for their graciousness. Mr. Meade noted that Mr. Melia had agreed to remain the Vice Chair of the Committee.

Schedule Next Meeting and Adjourn

The meeting adjourned at 10:45 AM. The next meeting is scheduled on January 15, 2008 at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.



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January 15, 2008 Public Meeting Notice



PUBLIC NOTICE

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

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DA 07-5086
December 21, 2007

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, January 15, 2008. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.

The agenda for the 700 MHz meeting includes:

- Review and approve January 15, 2008 meeting agenda
- Review and approve November 13, 2007 meeting report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working group activities
 - 4.9 GHz working group (Mr. Felix Melendez)
 - Update – SWN 4.9 GHz, a short link for SWN/NYSP on Ward's Island within the Manhattan Psychiatric Center Campus (Mr. Robert Schlieman)
 - Update – Port Authority 4.9 GHz
- Old business
 - 700 MHz working group (Mr. Travis LePage)
 - Update – 700 MHz status report
 - Statewide communication interoperability plan (Mr. Vincent Stile)

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- New business/comments
 - Discussion – new Treasures for Regional Planning Committee Region 8
- 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 13, 2007 meeting agenda
- Review and approve September 18, 2007 meeting report
- Old business
 - Update – Region 8 Window 8 applications actions
 - Update – 800 MHz Nextel Rebanding Committee (Mr. Ray Simonetti)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 8 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 8 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 8 should plan to attend. For further information, please contact:

William Gardner, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11980
(631) 852-6431
bgct4@aol.com

- FCC -



January 15, 2008 Meeting Report

**FCC REGION 8
NYC METROPOLITAN AREA
NY & NJ
700-MHz REGIONAL PLANNING COMMITTEE
MEETING REPORT**

CHAIR: William Gardner
Suffolk County Police Department
(631) 852-6431

DATE/TIME: Tuesday, January 15, 2008 at 10:00 A.M

LOCATION: Life Safety Complex, 1 Jockish Square, Paramus, New Jersey

Review and Approve January 15, 2008 Meeting Agenda

The Chair, Mr. William Gardner, called the meeting to order at 10:11 AM. He requested that everyone at the meeting introduce themselves. The meeting agenda was approved unanimously — with a representative from Mutual Link, Inc. presenting “Redefining Interoperability,” a representative from MTA Bridges and Tunnels presenting “Usage of 4.9 GHz at the Throgs Neck Bridge,” representatives from the Port Authority presenting “LaGuardia Wireless Coverage,” and the Region 19 concurrence request for its 700-MHz Plan under new business.

Review and Approve November 13, 2007 Meeting Report

A motion to approve the November 13, 2007 meeting report was made by Mr. Anthony Melia. The motion was seconded by Mr. William Gardner, and passed successfully.

Interoperability (SIEC Reports): New York State and New Jersey

New Jersey

Ms. Jody Nestor informed the members that New Jersey had held meetings of regional working groups, including a planning committee that put all the proposal plans together and submitted the set to the National Telecommunication and information



Administration NTIA) along with justification for the plans. She also told the members about what was awarded to the State of New Jersey and what percentage was going to be allocated to the local and State agencies in New Jersey. She commented about the overlay system designed by the State, local, and consulting agencies that will be used with the combination of 700-MHz and 800-MHz channels.

New York State

Mr. Vincent Stile commented that the Statewide Communication Interoperability Plan (SCIP) has reviewed and submitted to the Department of Homeland Security (DHS). He also informed the members about the grant that was awarded to the State of New York as well as what percentages will be awarded or allocated to the local and the state agencies in New York State. Mr. Stile also talked about the State Interoperability Executive Committee (SIEC) that he put together. He noted that three regions have been formed and that each region has the police, fire, 911 director, and emergency-management services on the governance board. He now has sixteen (16) members on the board, which will take the role of evaluating the state grants and accounts. He also noted that the state is looking for a State Interoperability Coordinator.

4.9-GHz Working Group (Mr. Felix Melendez)

Mr. Melendez was not present at the meeting. Mr. Conroy Smith noted that there were no activities since the last meeting in the New York City area.

Ms. Beatrice Opee informed the members that the Statewide Wireless Network (SWN) has applied for 4.9-GHz licenses, and that all the information is being coordinated with Mr. Melendez. Mr. Yurman asked if it would be possible to get hold of the technical parameters of the licensees. The Chair answered that the parameters will be put together and submitted to the APCO coordinator.

Mr. Vijay Revankar also commented that the Port Authority is deploying a 4.9-GHz system at the airports (John F Kennedy International Airport, LaGuardia Airport, and Newark International Airport) in the New York City metro area. He also commented that the integrator will present an overview of the 4.9-GHz coverage at the LaGuardia Airport.

Old Business

700-MHz working group (Mr. Travis LePage)

Update – 700-MHz Status

Mr. LePage informed members that all the revisions have been implemented to the region's 700-MHz Plan, complying with the Commission's second report and order. He continued by stating that the revised plan will be forwarded to the adjacent regions



(Regions 19, 28, and 30) along with a request that the adjacent regions comment within 15 business days on the revised plan. He informed the members of the revisions that RPC 8 made to the plan and noted that, if there are no revisions sought or issues identified by the adjacent regions, the plan is anticipated to be submitted to the FCC by during the latter half of February 2008.

He also commented on the Computer-Assisted Pre-coordination Resource and Database (CAPRAD) repacking that is currently going on, noting that the repacking will be completed by March 2008 but that the region will include, for reference purposes only, the existing CAPRAD channel allotment only with the channel number, not with the frequency. After the repacking is completed, the region will file plan amendments. Mr. Conroy Smith inquired if, with the repacking of the channels, they were going to redistribute general-use channels with the new band plan? "Yes," Mr. LePage answered, due to the reconfiguration and the separation of the channels allotments.

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, there was a decision 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 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 and Comments**

Discussion – New Treasurer for the RPC Region 8

The Chairperson noted that he was the Treasurer of the region when Mr. Peter Meade was the Chair. Now that he is the Chair for the region, he cannot still be treasurer for the region. Accordingly, he asked the members if any of them wanted to volunteered him/herself to become the Treasurer for the Regional Planning Committee (Region 8). Mr. Thomas Golder volunteered. Mr. Joseph Yurman moved to accept Mr. Golder as the Treasurer for RPC Region 8. The motion was seconded by Mr. Melia and unanimously accepted.

Port Authority - 4.9-GHz LaGuardia Airport Wireless Coverage

Mr. Lawrence Clay of Raytheon Inc. and a representative from the Port Authority of New York and New Jersey presented an overview of their 4.9-GHz wireless coverage at the LaGuardia Airport. Mr. Clay talked about the wireless parameters, the modulations that are being used, and propagation at the LaGuardia Airport. Using the projector, he showed the members the RF coverage and where Raytheon's Wireless Application Protocols (WAP) equipment will be installed in the area. He noted that the system is not build yet; they are just laying the infrastructure and building towers. There was extensive discussion among members from New York City Transit, the Port Authority, and the New York City Police Department (NYPD) due to coverage overlaps in the surrounding area.

MTA Bridges and Tunnels

Representatives from MTA Bridges and Tunnels talked to the committee about their usage of the 4.9-GHz band at the Throgs Neck Bridge. Discussions among the members and the representative from MTA Bridges and Tunnels addressed the user requirement that will have officers deployed at mobile checkpoints and in roving patrol cars, access to select applications for day-to-day law-enforcement operations, the primary law-enforcement application, technology and products considerations, and the pilot area of the wireless network. Within the broadband operations pyramid, MTA is going to operate under the operations layer due to the primary mission. They also noted that, within the regional data applications matrix, MTA applications falls within the areas of image transfer (sending incident pictures), simultaneous transmission of large database files, police record management, and access to the internet/intranet.



The representatives also talked about the area operation that extends outward twenty (20) kilometers around Randall's Island.

After the presentations from both the MTA Bridges & Tunnels and the Port Authority of New York and New Jersey, members of the committee noted that coverage patterns need to be checked before deployment to avoid future interference. The chairperson noted that future discussions need to be held to coordinate what must be done before the network is fully deployed.

Mutualink, Inc. – Redefining Interoperability

Mr. Peter Karoczkai from Mutualink Inc. gave an overview of Mutualink which is an IP-based interoperability service that can connect any radio, telephone, wireless, and/or video network with an easy-to-use software interface. Mutualink works with existing systems to create interoperability without impacting existing networks or coverage. Mr. Karoczkai also gave a brief history about the company and its experience. He continued by highlighting the solutions Mutualink can offer to interoperability. These solutions are: 1.) Controllable - there is a secure network, each agency remains in control of its resources, and participants can join or exit incidents at will; 2.) Intuitive - there is an easy-to-use graphical user interface that is always available for interoperable network because of the varied technical experience; 3.) Affordable - subscription-based service eliminates the prohibitive capital requirements typically needed to achieve communication interoperability. Other representatives from Mutualink Inc. demonstrated the architecture of the equipment and talked about the applications and customers.

RPC Region 19 700-MHz Plan

Mr. Jerry Zarwanski of RPC Region 19 noted that RPC 19 has completed an amended version of its 700-MHz Plan and has submitted it to RPC Region 8 and to Region 30. He noted that the region is moving forward with a waiver that is the CAPRAD re-packaging of the 700-MHz frequency. He talked briefly about the revision that was made to Region 19's 700-MHz Plan. He also noted that a copy of the revised plan can be viewed online at www.ner700mhz.org. With that said, Mr. Zarwanski noted that Region 19 is requesting a letter of concurrence from Region 8 and Region 30 by the FCC due date, which is January 31, 2008. Mr. Allen Demco moved to accept the revised plan and to send RPC Region 19 a concurrence letter. The motion was seconded by Mr. Melia. It was unanimously approved.

Schedule Next Meeting and Adjourn

The meeting adjourned at 12:30 PM. The next meeting is scheduled on March 18, 2008 at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey



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March 18, 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 08-329
February 11, 2008

PUBLIC SAFETY AND HOMELAND SECURITY BUREAU ACTION

REGION 8 (NEW YORK – METROPOLITAN AREA) PUBLIC SAFETY REGIONAL PLANNING COMMITTEES TO HOLD 700 MHz REGIONAL PUBLIC SAFETY PLANNING AND 800 MHz NPSPAC REGIONAL PUBLIC SAFETY PLANNING MEETINGS

Gen. Docket No. 88-476

The Region 8 (New York – Metropolitan area)¹ Public Safety Regional Planning Committees will hold two consecutive planning meetings on Tuesday, March 18, 2008. Beginning at 10:00 a.m., the 700 MHz Public Safety Regional Planning Committee will convene at the Life Safety Complex, 1 Jockish Square, Paramus, New Jersey.

The agenda for the 700 MHz meeting includes:

- Review and approve March 18, 2008 meeting agenda
- Review and approve January 15, 2008 meeting report
- Interoperability (SIEC Reports): New York State and New Jersey
- Working group activities
 - 4.9 GHz working group (Mr. Felix Melendez)
 - Discussion on 4.9 GHz theological analysis in the New York City Metropolitan area (MTA Bridges and Tunnels, New York City Transit and Port Authority of New York and New Jersey)
- Old business
 - 700 MHz working group (Mr. Travis LePage)
 - Update – 700 MHz status report
 - Update – 700 MHz band restructuring (Mr. Sean O'Hara)

¹ Region 8 (New York – Metropolitan area) consists of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties, New York; and Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties, New Jersey.



- 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 18, 2008 meeting agenda
- Review and approve January 15, 2008 meeting report
- Old business
 - Update – Region 8 Window 8 application
 - Update – 800 MHz mutual aid rebanding (Mr. Ray Simonetti)
 - Update – 800 MHz rebanding (Mr. Narendra Mangra/Mr. Lance Johnson)
- New business/comments
- Schedule next meeting
- Adjourn

Both of the Region 8 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 8 may utilize these frequencies. It is essential that public safety agencies in all areas of government, including state, municipality, county, and Native American Tribal, and non-governmental organizations eligible under Section 90.523 of the Commission's rules, be represented in order to ensure that each agency's future spectrum needs are considered in the allocation process. Administrators who are not oriented in the communications field should delegate someone with this knowledge to attend, participate, and represent their agency's needs.

All interested parties wishing to participate in the planning for the use of public safety spectrum in the 700 MHz and 800 MHz bands within Region 8 should plan to attend. For further information, please contact:

William Gardner, Chairman
Region 8 700 MHz and 800 MHz Public Safety Regional Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11980
(631) 852-6431
bgct4@aol.com

- FCC -

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



March 18, 2008 Meeting Report

[Pending Committee Approval]



APPENDIX W, TRIBAL NATION CORRESPONDENCE

Correspondence Template

**NEW YORK/NEW JERSEY
FCC Region 8 700-MHz
REGIONAL PLANNING COMMITTEE**

Regional Planning Committee:



William Gardner, Chairman

Region 8 700 and 800 MHz Planning Committees
Director of Police Communications
Suffolk County Police Department
30 Yaphank Avenue
Yaphank, New York 11960
Telephone: (631) 852-6431
FAX: (631) 852-6994
Email: wgcl4@aol.com

Dear Tribal Nation Member:

I am writing this letter on behalf of Peter Meade, the Chairperson of the Region 8 Regional Planning Committee (RPC).

The RPC invites you to participate in the next Region 8 meeting.

The Federal Communications Commission (FCC) introduced the concept of RPCs to help it (the FCC) identify regional issues that need addressing in the process of designating utilization of the 700-MHz public safety spectrum.

RPC Region 8, covering the New York Metropolitan area, consists of

Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, and Westchester Counties in New York; and of Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Passaic, Somerset, Sussex, Union, and Warren Counties in New Jersey.

The RPC is committed to addressing the needs of both state and local governments by supporting creative use of the spectrum, accommodating new and unanticipated developments in technology equipments, 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 taken into consideration during the spectrum-allocation process. The meeting announcement and proposed agenda are included with this mailing. If you are not the correct point of contact, please forward this letter to the appropriate person.

We ask that you or the appropriate individual contact either Ms. Maribel Martinez at (518) 506-4373 or me, Ms. Beatrice Opee, at (518) 431-7034 to advise us of your availability and plans to attend.

Thank you in advance for your attention to this matter.

Please contact me with any questions or concerns you may have.

Respectfully submitted,

/s/

Beatrice Opee

CC: RPC 8 Chairperson
RPC 8 Secretary

FCC Region 8 – 700-MHz Plan

Regional Planning Committee



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Correspondence Log

Table 24, Tribal Nation Contact Log

Tribal Nations Contacted within Region 8	Meeting Dates																															
	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008	
Adams, Michael Chairman Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Brown, Thomas Jr. Esq Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Collins, Paula Chair Shinnecock Indian Nation Tribal Office P.O. Box 5006 Southampton, NY 11969	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

FCC Region 8 – 700-MHz Plan



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Diggs, Curtis W. Secretary Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Doe, Marchal Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Forbes, Jack Ph.D Elder Powhatan Renape Nation P.O. Box 225 Rancocas, NJ, 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Green, Lorraine Parker Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

FCC Region 8 – 700-MHz Plan



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Harman, Edgar Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Hawkins, Joanne Bundy Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Juancinto, Elder Charles Powhatan Renape Nation P.O. Box 225 Rancocas, NJ 08073	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Pace, Tracey Treasurer Shinnecock Indian Nation Tribal Office P.O. Box 5006 Southampton, NY 11969	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

FCC Region 8 – 700-MHz Plan



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Wallace, Harry B. Tribal Chairperson Poospatuck Tribe, Long Island P.O. Box 86 Mastic, NY 11950	√	√	√	√	√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√



APPENDIX X, ADDITIONAL DOCUMENTS PLACEHOLDER