



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

APPENDIX N, ~~REMOVED ADJACENT-REGION NOTIFICATION OF PLAN SUBMISSION~~³⁵

Region 19, New England

³⁵The 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.



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

Region 30, Eastern Upstate New York



FCC Region 8 – 700-MHz Plan

~~APPENDIX O, REMOVED INTERREGIONAL FREQUENCY-COORDINATION AND DISPUTE-RESOLUTION APPROVAL REQUESTS³⁶~~

~~Region 19, New England~~

~~COORDINATION AND DISPUTE RESOLUTION PROCEDURES BETWEEN 700-MHZ REGIONAL PLANNING COMMITTEES OF REGION 8 AND REGION 19~~

~~I. Introduction~~

~~This is a mutually agreed upon Inter-Regional Coordination Procedures and Dispute Resolution Procedures Agreement by and between the 700 MHz Regional Planning Committees of:~~

- ~~— Southern New York State and New Jersey State Region – Region 8 (hereinafter Region 8), and~~
- ~~— New England States Region – Region 19 (hereinafter Region 19).~~

~~Responsible Radiation~~

~~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 8 km buffer zone. The 50 dB μ (-82 dBm) PSA shall be assessed using Longley-Rice analyses.~~

~~Interference Protection – Co-Channel~~

~~The co-channel 15 dB μ (-119 dBm) interfering signal, assessed using Longley-Rice analyses, will be allowed to touch but not overlap the 40 dB μ (-93 dBm) service contour of the system being evaluated. All contours are (50,50).~~

~~Interference Protection – Adjacent Channel~~

~~For adjacent and alternate channels, the 50dB μ (-82dBm) interfering signal, assessed using Longley-Rice analyses, will be allowed to touch but not overlap the 40 dB μ (-93 dBm) service contour of the system being evaluated. All contours are (50,50).~~

~~These procedures will be used when an applicant for 700 MHz spectrum has a proposed service area or interference contour which extends into an adjacent Public Safety Region(s) of the Region receiving the application. Such applications will be reviewed for approval by the affected Region. Service area shall normally be defined as the area included within the jurisdictional boundary of the applicant, plus three (3) miles 8km. Interference contour shall~~

³⁶ At the time the adjacent-region concurrence process commenced, Mr. Peter W. Meade served as the RPC Chairperson.



FCC Region 8 – 700-MHz Plan

~~normally be defined as a 5-15 dBu co-channel contour, and a 65-50 dBu contour shall not overlap any adjacent channel's 40 dBu contour. Other definitions of service area or interference may be justified with an accompanying Memorandum of Understanding (MOU) or other application documentation between involved agencies. Each Region retains the right to accept or reject other definitions.~~

H. COORDINATION PROCEDURES

~~The following is the guidelines for inter-regional coordination which is acceptable by Region 19.~~

~~Each Region will announce when it is accepting applications and the parameters that it has established filing applications.~~

~~Applications by eligible entities will be accepted within each Region's parameters.~~

~~Regional review and coordination of applications will be conducted. The review will include a technical review resulting in assignment of channels.~~

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

~~The adjacent Region will review the application. If the application is approved, this Region will send a letter of concurrence, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days of receipt of the application by the adjacent Region.~~

III. DISPUTE RESOLUTION

~~A. If the adjacent Region(s) does not approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond, via email, to the initiating Region. Response will be sent within thirty (30) calendar days of receipt of the application by the adjacent Region. The initiating Region will attempt to modify the application to satisfy the objections of the adjacent Region.~~

~~B. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened to attempt to resolve the dispute. The working group will be convened within thirty (30) calendar days of the date that the initiating Region received notice from the adjacent Region. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons via email through the CAPRAD database. Findings may include, but not be limited to:~~

~~Unconditional concurrence;~~



FCC Region 8 – 700-MHz Plan

~~— Conditional concurrence contingent upon modification of applicant’s technical parameters; or~~

~~— 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.~~

~~C. If the working group does not resolve the dispute, then the matter shall be forwarded for evaluation to the National Plan Oversight Committee (NPOC), of the National Public Safety Telecommunications Council. Each Region involved in the dispute shall include a detailed explanation of its position, including engineering studies and any other technical information deemed relevant. The NPOC will, within thirty (30) calendar days, report its recommendation(s) to the Regional chairpersons via the CAPRAD database. The NPOC’s decision may support either of the disputing Regions or it may develop a proposal that it deems mutually advantageous to each disputing Region.~~

~~— When adjacent Region concurrence has been secured, and the channel assignments do not change the Region’s current Federal Communications Commission (FCC) approved channel assignment matrix, the initiating Region may then advise the applicant(s) that their application may be forwarded to a frequency coordinator for processing and filing with the FCC.~~

~~E. Where adjacent Region concurrence has been secured, and the channel assignments changes the Region’s current FCC approved channel assignment matrix, then the initiating Region shall file with the FCC a *Petition to Amend* its current frequency matrix, to reflect the new channel assignments. The initiating Region will send a copy of the *Petition* to the adjacent Regional chairperson(s).~~

~~F. Upon the FCC’s 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). The initiating Region then advises the applicant(s) that they may forward their applications to the frequency coordinator for processing and filing with the Commission.~~

IV. CONCLUSION

~~A. This agreement contains the entire understanding between Region 8 and Region 19 and supercedes any and all prior understandings, negotiations and agreements, whether written or oral, between them respecting subject matter herein.~~

~~B. The parties each bind themselves, successors, assigns and legal representatives with respect to all covenants of this Agreement.~~



FCC Region 8 – 700-MHz Plan

~~C. This Agreement becomes effective upon the date of the last signatory's signature.~~

Morton Leifer

~~Vice Chairman~~ _____ ~~10/31/2015~~ _____

~~Region 8 Authorized Representative and Title~~ _____ ~~Date~~ _____

~~Region 19 Authorized Representative and Title~~ _____ ~~Date~~ _____



FCC Region 8 – 700-MHz Plan

COORDINATION AND DISPUTE RESOLUTION PROCEDURES BETWEEN 700-MHZ REGIONAL PLANNING COMMITTEES OF REGION 8 AND REGION 30

I. Introduction

This is a mutually agreed upon Inter-Regional Coordination Procedures and Dispute Resolution Procedures Agreement by and between the 700 MHz Regional Planning Committees of:
———— Southern New York State and New Jersey State Region – Region 8 (hereinafter Region 8), and
———— Northern New York State Region – Region 30 (hereinafter Region 30).

Responsible Radiation

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 8 km buffer zone. The 50 dB μ (– 82 dBm) PSA shall be assessed using Longley–Rice analyses.

Interference Protection – Co-Channel

The co-channel 15 dB μ (– 119 dBm) interfering signal, assessed using Longley–Rice analyses, will be allowed to touch but not overlap the 40 dB μ (– 93 dBm) service contour of the system being evaluated. All contours are (50,50).

Interference Protection – Adjacent Channel

For adjacent and alternate channels, the 50dB μ (– 82dBm) interfering signal, assessed using Longley–Rice analyses, will be allowed to touch but not overlap the 40 dB μ (– 93 dBm) service contour of the system being evaluated. All contours are (50,50).

These procedures will be used when an applicant for 700 MHz spectrum has a proposed service area or interference contour which extends into an adjacent Public Safety Region(s) of the Region receiving the application. Such applications will be reviewed for approval by the affected Region. Service area shall normally be defined as the area included within the jurisdictional boundary of the applicant, plus three (3) miles 8km. Interference contour shall normally be defined as a 5 15 dBu co-channel contour, and a 65 50 dBu contour shall not overlap any adjacent channel's 40 dBu contour. Other definitions of service area or interference may be justified with an accompanying Memorandum of Understanding (MOU) or other application documentation between involved agencies. Each Region retains the right to accept or reject other definitions.



FCC Region 8 – 700-MHz Plan

II. COORDINATION PROCEDURES

The following is the guidelines for inter-regional coordination which is acceptable by Region 19:

Each Region will announce when it is accepting applications and the parameters that it has established filing applications.

Applications by eligible entities will be accepted within each Region's parameters.

Regional review and coordination of applications will be conducted. The review will include a technical review resulting in assignment of channels.

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

The adjacent Region will review the application. If the application is approved, this Region will send a letter of concurrence, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days of receipt of the application by the adjacent Region.

III. DISPUTE RESOLUTION

A. If the adjacent Region(s) does not approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond, via email, to the initiating Region. Response will be sent within thirty (30) calendar days of receipt of the application by the adjacent Region. The initiating Region will attempt to modify the application to satisfy the objections of the adjacent Region.

B. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened to attempt to resolve the dispute. The working group will be convened within thirty (30) calendar days of the date that the initiating Region received notice from the adjacent Region. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons via email through the CAPRAD database. Findings may include, but not be limited to:

Unconditional concurrence;

Conditional concurrence contingent upon modification of applicant's technical parameters; or

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.



FCC Region 8 – 700-MHz Plan

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

~~When adjacent Region concurrence has been secured, and the channel assignments do not change the Region's current Federal Communications Commission (FCC) approved channel assignment matrix, the initiating Region may then advise the applicant(s) that their application may be forwarded to a frequency coordinator for processing and filing with the FCC.~~

~~E. Where adjacent Region concurrence has been secured, and the channel assignments changes the Region's current FCC approved channel assignment matrix, then the initiating Region shall file with the FCC a *Petition to Amend* its current frequency matrix, to reflect the new channel assignments. The initiating Region will send a copy of the *Petition* to the adjacent Regional chairperson(s).~~

~~F. Upon the FCC's 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). The initiating Region then advises the applicant(s) that they may forward their applications to the frequency coordinator for processing and filing with the Commission.~~

IV. CONCLUSION

~~A. This agreement contains the entire understanding between Region 8 and Region 30 and supersedes any and all prior understandings, negotiations and agreements, whether written or oral, between them respecting subject matter herein.~~

~~B. The parties each bind themselves, successors, assigns and legal representatives with respect to all covenants of this Agreement.~~

~~C. This Agreement becomes effective upon the date of the last signatory's signature.~~

Morton Leifer

Vice Chairman _____ 10/31/2015 _____

Region 8 Authorized Representative and Title _____ Date _____



FCC Region 8 – 700-MHz Plan

Region 30 Authorized Representative and Title _____ Date _____



FCC Region 8 – 700-MHz Plan

COORDINATION AND DISPUTE RESOLUTION PROCEDURES BETWEEN 700 MHz REGIONAL PLANNING COMMITTEES OF REGION 8 AND REGION 28

I. Introduction

~~This is a mutually agreed upon Inter-Regional Coordination Procedures and Dispute Resolution Procedures Agreement by and between the 700 MHz Regional Planning Committees of: _____ Southern New York State and New Jersey State Region – Region 8 (hereinafter Region 8), and _____ Eastern Commonwealth of Pennsylvania, Southern New Jersey State and Delaware State Region – Region 28 (hereinafter Region 28).~~

Responsible Radiation

~~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 8 km buffer zone. The 50 dB μ (-82 dBm) PSA shall be assessed using Longley-Rice analyses.~~

Interference Protection – Co-Channel

~~The co-channel 15 dB μ (-119 dBm) interfering signal, assessed using Longley-Rice analyses, will be allowed to touch but not overlap the 40 dB μ (-93 dBm) service contour of the system being evaluated. All contours are (50,50).~~

Interference Protection – Adjacent Channel

~~For adjacent and alternate channels, the 50dB μ (-82dBm) interfering signal, assessed using Longley-Rice analyses, will be allowed to touch but not overlap the 40 dB μ (-93 dBm) service contour of the system being evaluated. All contours are (50,50).~~

~~These procedures will be used when an applicant for 700 MHz spectrum has a proposed service area or interference contour which extends into an adjacent Public Safety Region(s) of the Region receiving the application. Such applications will be reviewed for approval by the affected Region. Service area shall normally be defined as the area included within the jurisdictional boundary of the applicant, plus three (3) miles 8km. Interference contour shall normally be defined as a 5 15 dBu co-channel contour, and a 65 50dBu contour shall not overlap any adjacent channel's 40 dBu contour. Other definitions of service area or interference may be justified with an accompanying Memorandum of Understanding (MOU) or other~~



FCC Region 8 – 700-MHz Plan

~~application documentation between involved agencies. Each Region retains the right to accept or reject other definitions.~~

~~H. COORDINATION PROCEDURES~~

~~The following is the guidelines for inter-regional coordination which is acceptable by Region 19.~~

~~Each Region will announce when it is accepting applications and the parameters that it has established filing applications.~~

~~Applications by eligible entities will be accepted within each Region's parameters.~~

~~Regional review and coordination of applications will be conducted. The review will include a technical review resulting in assignment of channels.~~

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

~~The adjacent Region will review the application. If the application is approved, this Region will send a letter of concurrence, via the CAPRAD database, to the initiating Regional chairperson within thirty (30) calendar days of receipt of the application by the adjacent Region.~~

~~III. DISPUTE RESOLUTION~~

~~A. If the adjacent Region(s) does not approve the request, the adjacent Region shall document the reasons for partial or non-concurrence, and respond, via email, to the initiating Region. Response will be sent within thirty (30) calendar days of receipt of the application by the adjacent Region. The initiating Region will attempt to modify the application to satisfy the objections of the adjacent Region.~~

~~B. If the applying Region cannot modify the application to satisfy the objections of the adjacent Region then, a working group comprised of representatives of the two Regions shall be convened to attempt to resolve the dispute. The working group will be convened within thirty (30) calendar days of the date that the initiating Region received notice from the adjacent Region. The working group shall then report its findings within thirty (30) calendar days to the Regional chairpersons via email through the CAPRAD database. Findings may include, but not be limited to:~~

~~Unconditional concurrence;~~

~~Conditional concurrence contingent upon modification of applicant's technical parameters; or~~



FCC Region 8 – 700-MHz Plan

~~— 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.~~

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

~~— When adjacent Region concurrence has been secured, and the channel assignments do not change the Region's current Federal Communications Commission (FCC) approved channel assignment matrix, the initiating Region may then advise the applicant(s) that their application may be forwarded to a frequency coordinator for processing and filing with the FCC.~~

~~E. Where adjacent Region concurrence has been secured, and the channel assignments changes the Region's current FCC approved channel assignment matrix, then the initiating Region shall file with the FCC a *Petition to Amend* its current frequency matrix, to reflect the new channel assignments. The initiating Region will send a copy of the *Petition* to the adjacent Regional chairperson(s).~~

~~F. Upon the FCC's 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). The initiating Region then advises the applicant(s) that they may forward their applications to the frequency coordinator for processing and filing with the Commission.~~

~~IV. — CONCLUSION~~

~~A. This agreement contains the entire understanding between Region 8 and Region 28 and supersedes any and all prior understandings, negotiations and agreements, whether written or oral, between them respecting subject matter herein.~~

~~B. The parties each bind themselves, successors, assigns and legal representatives with respect to all covenants of this Agreement.~~

~~C. This Agreement becomes effective upon the date of the last signatory's signature.~~



FCC Region 8 – 700-MHz Plan

**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

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FCC Region 8 – 700-MHz Plan

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.



FCC Region 8 – 700-MHz Plan



FCC Region 8 – 700-MHz Plan



FCC Region 8 – 700-MHz Plan

- (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.



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

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: 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

3

Version 2.0



FCC Region 8 – 700-MHz Plan



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

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.



FCC Region 8 – 700-MHz Plan

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:



FCC Region 8 – 700-MHz Plan

- (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.



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

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

3

Version 2.0



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

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.



FCC Region 8 – 700-MHz Plan

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:



FCC Region 8 – 700-MHz Plan

- (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.



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

Section 1. Purpose of the Coordination Procedures

1.1. To coordinate the use of the 700-MHz spectrum in the Region 8

1.2. To coordinate the use of the 700-MHz spectrum in the Region 8

1.3. To coordinate the use of the 700-MHz spectrum in the Region 8

1.4. Introduction

This document 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.

- a. Region 8: Florida - Region 8 (Florida)
- b. Region 19: New York - Region 19 (New York)
- c. Region 28: New York - Region 28 (New York)
- d. Region 30: New York - Region 30 (New York)
- e. Region 33: New York - Region 33 (New York)
- f. Region 34: New York - Region 34 (New York)
- g. Region 35: New York - Region 35 (New York)

2. Purpose of the Plan

The purpose of this plan is to coordinate the use of the 700-MHz spectrum in the Region 8. This plan is intended to be used by the Regional Planning Committees for the following Regions: 8, 19, 28, and 30.

3. Purpose of the Plan - Continued

This plan is intended to be used by the Regional Planning Committees for the following Regions: 8, 19, 28, and 30. This plan is intended to be used by the Regional Planning Committees for the following Regions: 8, 19, 28, and 30.

4. Purpose of the Plan - Continued

This plan is intended to be used by the Regional Planning Committees for the following Regions: 8, 19, 28, and 30. This plan is intended to be used by the Regional Planning Committees for the following Regions: 8, 19, 28, and 30.

Region 8: Florida - Region 8 (Florida)

Region 19: New York - Region 19 (New York)

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.



FCC Region 8 – 700-MHz Plan

Figure 1: 700 MHz Channel Plan

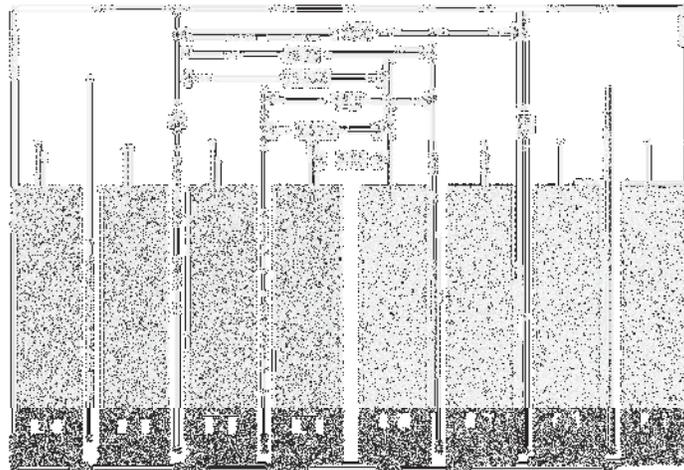


Figure 2: 700 MHz Channel Plan

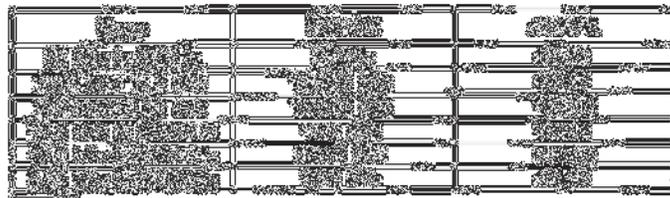


Figure 3: 700 MHz Channel Plan

The 700 MHz channel plan is designed to provide a total of 60 MHz of bandwidth for the 700 MHz band. The plan consists of a central 40 MHz channel flanked by two 10 MHz guard bands, and two 10 MHz channels on each side of the guard bands. This configuration allows for a total of 60 MHz of bandwidth to be used for the 700 MHz band.

The 700 MHz channel plan is designed to provide a total of 60 MHz of bandwidth for the 700 MHz band.

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FCC Region 8 – 700-MHz Plan

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

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

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FCC Region 8 – 700-MHz Plan

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

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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.



FCC Region 8 – 700-MHz Plan

Appendix A – List of States in Region 8

- Alabama
- Florida
- Georgia
- Louisiana
- Mississippi
- North Carolina
- South Carolina
- Tennessee
- Virginia
- West Virginia

The following table lists the states in Region 8, along with their respective state abbreviations and the number of counties in each state. The total number of counties in Region 8 is 1,040.

State	Abbreviation	Number of Counties
Alabama	AL	67
Florida	FL	67
Georgia	GA	159
Louisiana	LA	64
Mississippi	MS	39
North Carolina	NC	100
South Carolina	SC	46
Tennessee	TN	95
Virginia	VA	133
West Virginia	WV	54
Total		1,040

The following table lists the states in Region 8, along with their respective state abbreviations and the number of counties in each state. The total number of counties in Region 8 is 1,040.

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FCC Region 8 – 700-MHz Plan

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

February 12, 2007

8

Version 2.0 _____



FCC Region 8 – 700-MHz Plan

Annex - Interregional Memorandum of Understanding

IV. CONCLUSION

A. This agreement contains the entire understanding among Region 8, Region 19 and Region 30 and supersedes any and all prior understandings, negotiations and agreements, whether written or oral, among them respecting subject matter herein.

B. The parties each bind themselves, successors, assigns and legal representatives with respect to all covenants of this Agreement.

C. This Agreement becomes effective upon the date of the last signatory's signature.

Walter Seifer

Region 8 Authorized Representative

27-October-2015

Date

Jersey Zarewinski

Region 19 Authorized Representative

26-October-2015

Date

Ru Amstutz

Region 30 Authorized Representative

26-October-2015

Date

William D. Connor

Region 28 Authorized Representative

27-October-2015

Date

Wayne A. McBride

26-October-2015
Date

[Signature]

26-October-2015
Date

26-October-2015
Date

27-October-2015



FCC Region 8 – 700-MHz Plan

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: _____



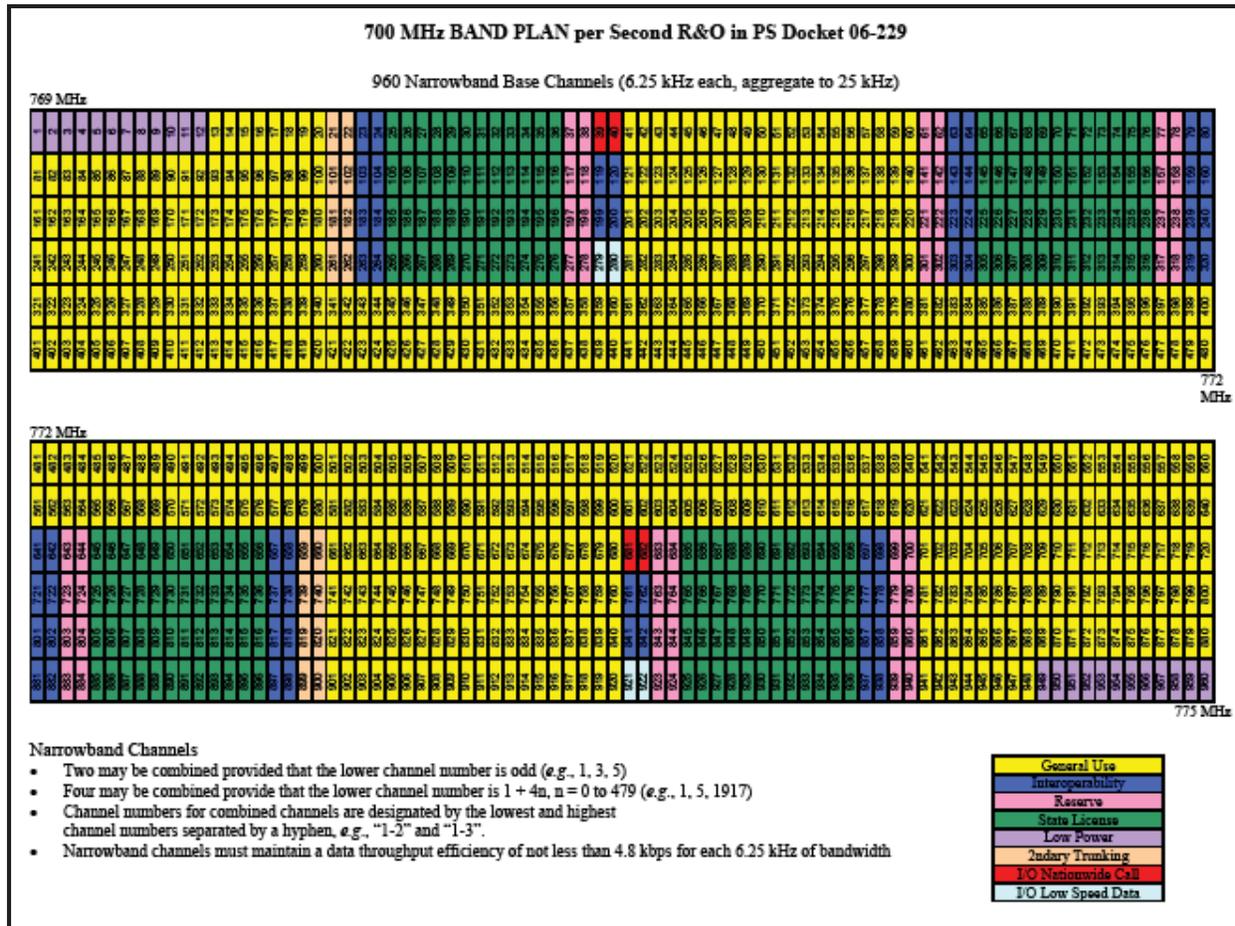
FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

APPENDIX R, 700-MHz NARROWBAND CHANNEL PLAN



Narrowband Channels

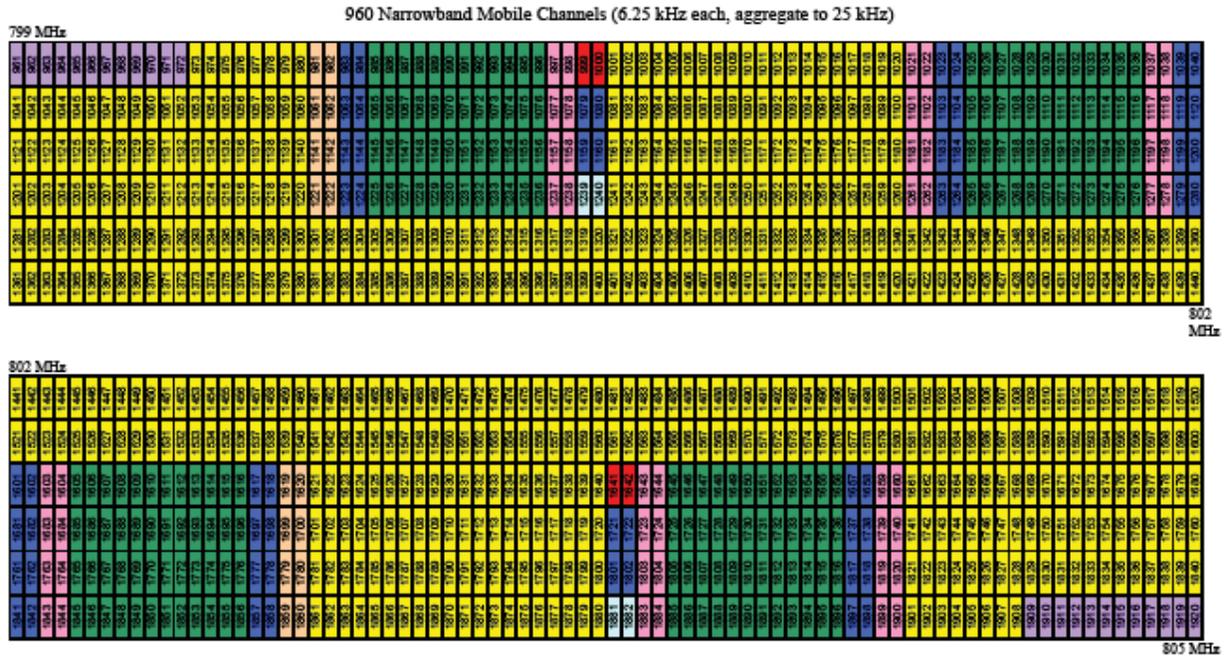
- Two may be combined provided that the lower channel number is odd (e.g., 1, 3, 5)
- Four may be combined provided that the lower channel number is 1 + 4n, n = 0 to 479 (e.g., 1, 5, 1917)
- Channel numbers for combined channels are designated by the lowest and highest channel numbers separated by a hyphen, e.g., "1-3" 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
Secondary Trunking
I/O Nationwide Call
I/O Low Speed Data

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



FCC Region 8 – 700-MHz Plan



Narrowband Channels

- Two may be combined provided that the lower channel number is odd (e.g., 1, 3, 5)
- Four may be combined provide that the lower channel number is 1 + 4n, n = 0 to 479 (e.g., 1, 5, 1917)
- Channel numbers for combined channels are designated by the lowest and highest channel numbers separated by a hyphen, e.g., "1-3" 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 Call
I/O Low Speed Data

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

FCC Region 8 – 700-MHz Plan

APPENDIX S, SPECTRUM USABILITY MAP FOR CHANNELS RELEASED

New York State Counties

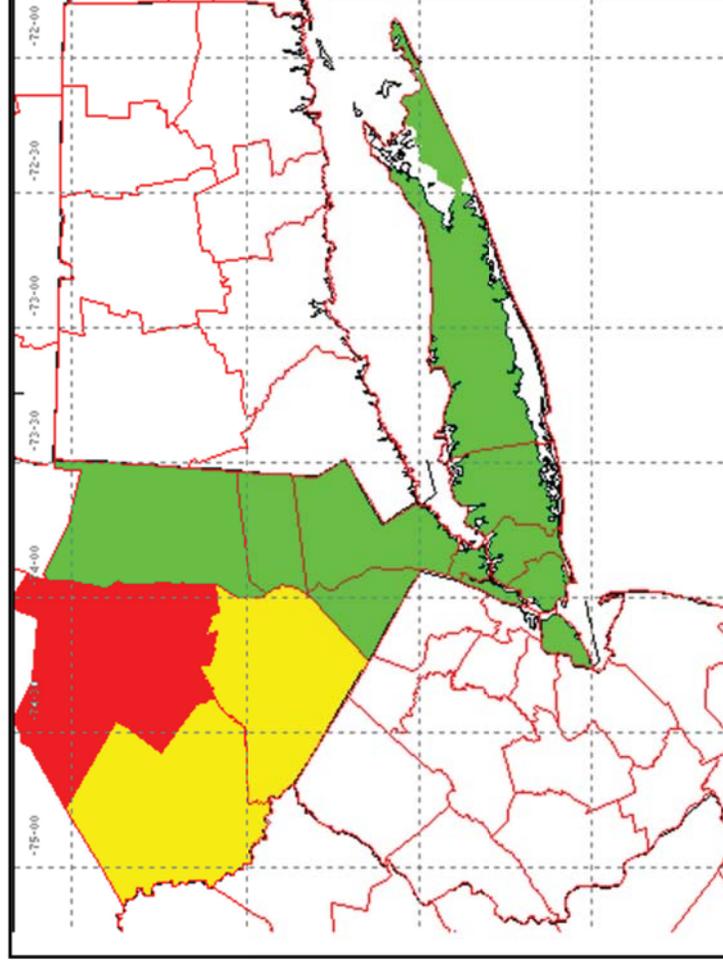
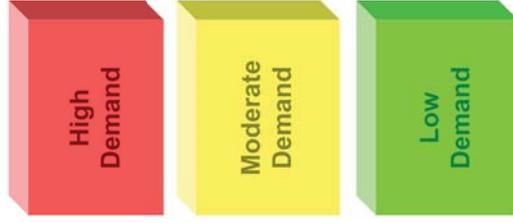


Figure 19, VHF - Low Band (25-50 MHz)



FCC Region 8 – 700-MHz Plan

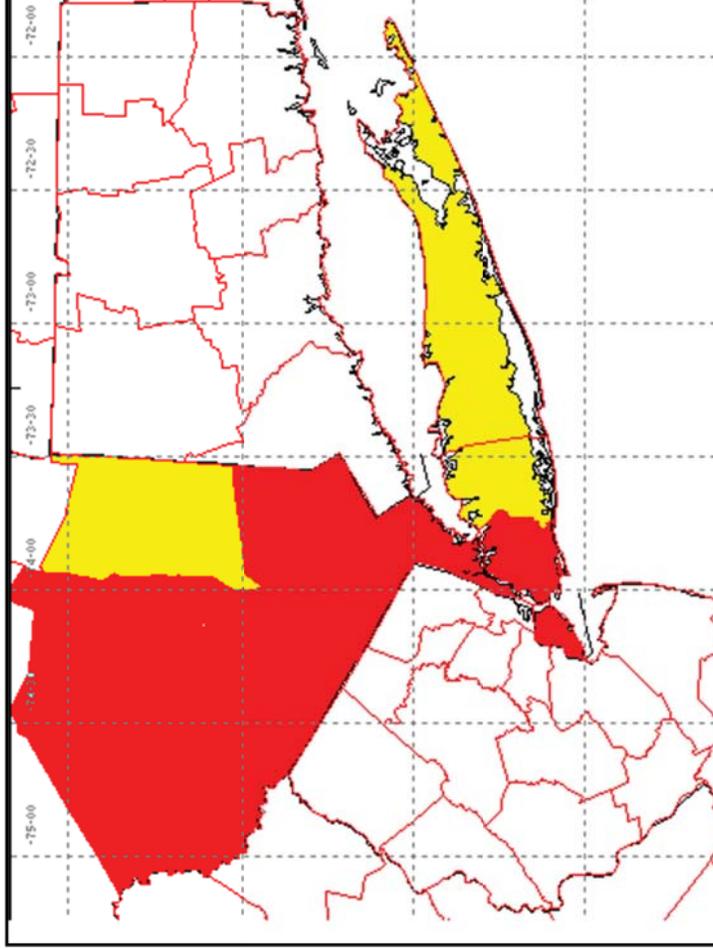
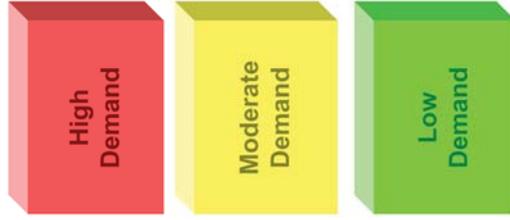


Figure 20, VHF - High Band (150-174 MHz)

FCC Region 8 – 700-MHz Plan

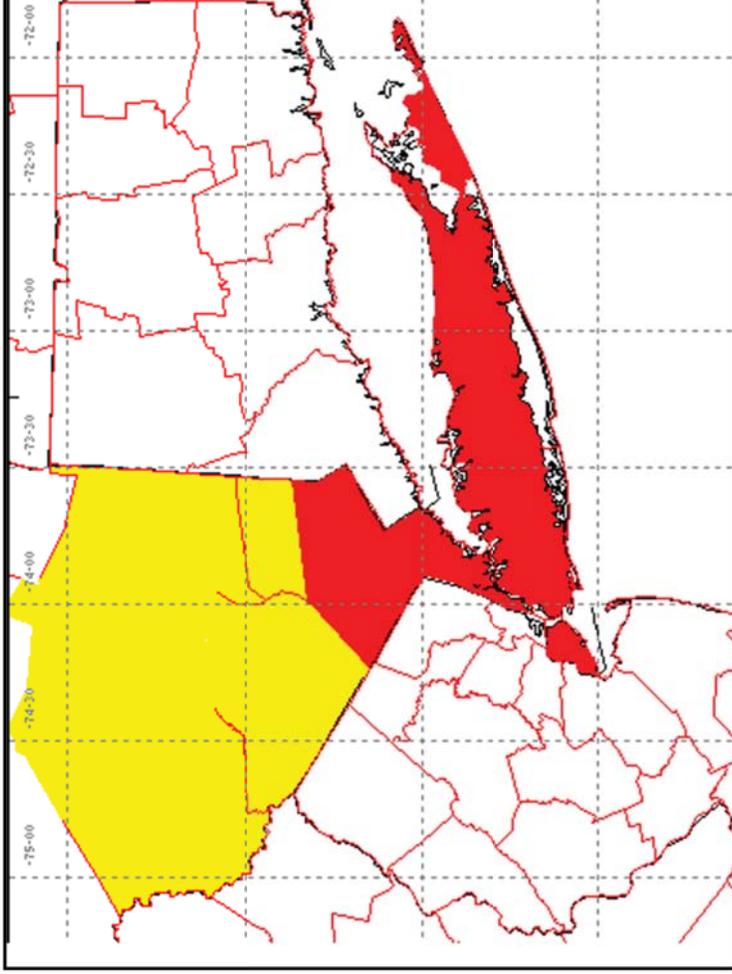


Figure 21, UHF Band (450-470 MHz)

FCC Region 8 – 700-MHz Plan

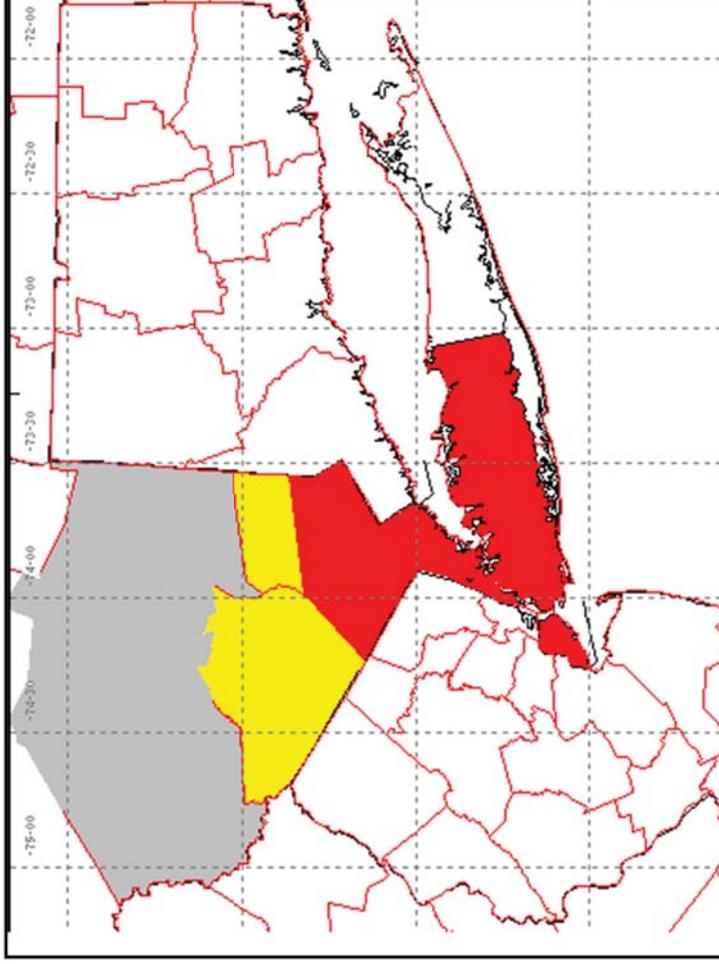
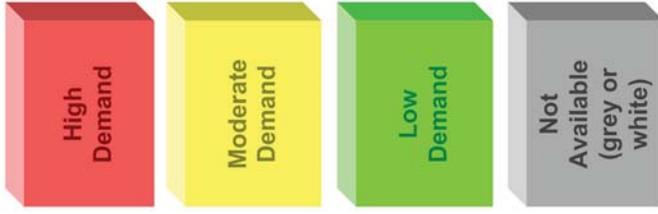


Figure 22, UHF T-Band (470-512 MHz)

FCC Region 8 – 700-MHz Plan

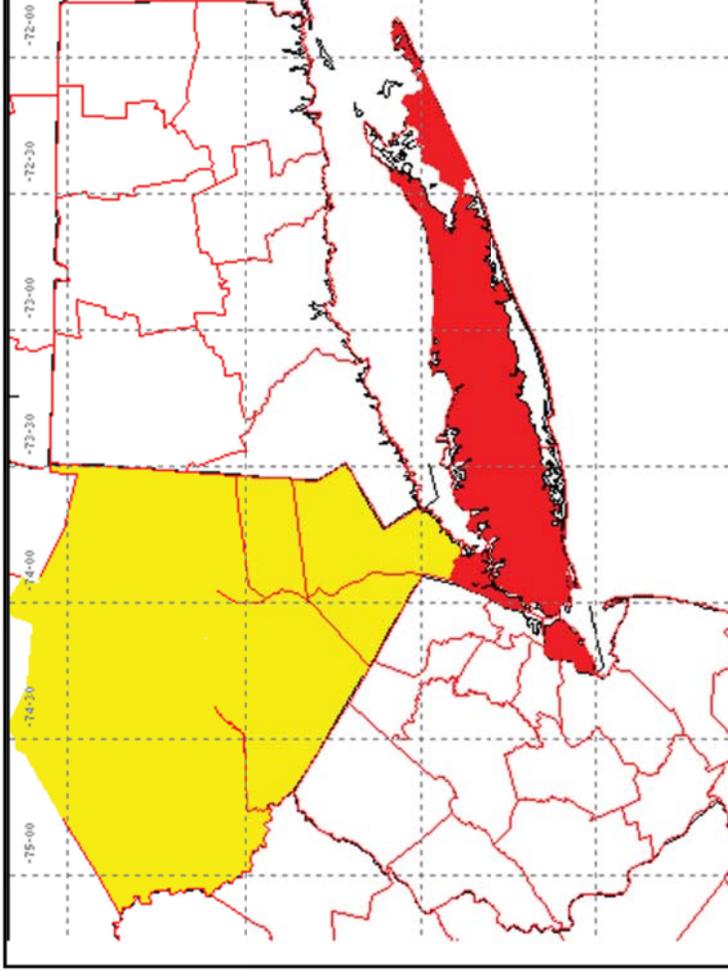


Figure 23, 800-MHz Band (806-824/851-869 MHz)

FCC Region 8 – 700-MHz Plan New Jersey Counties

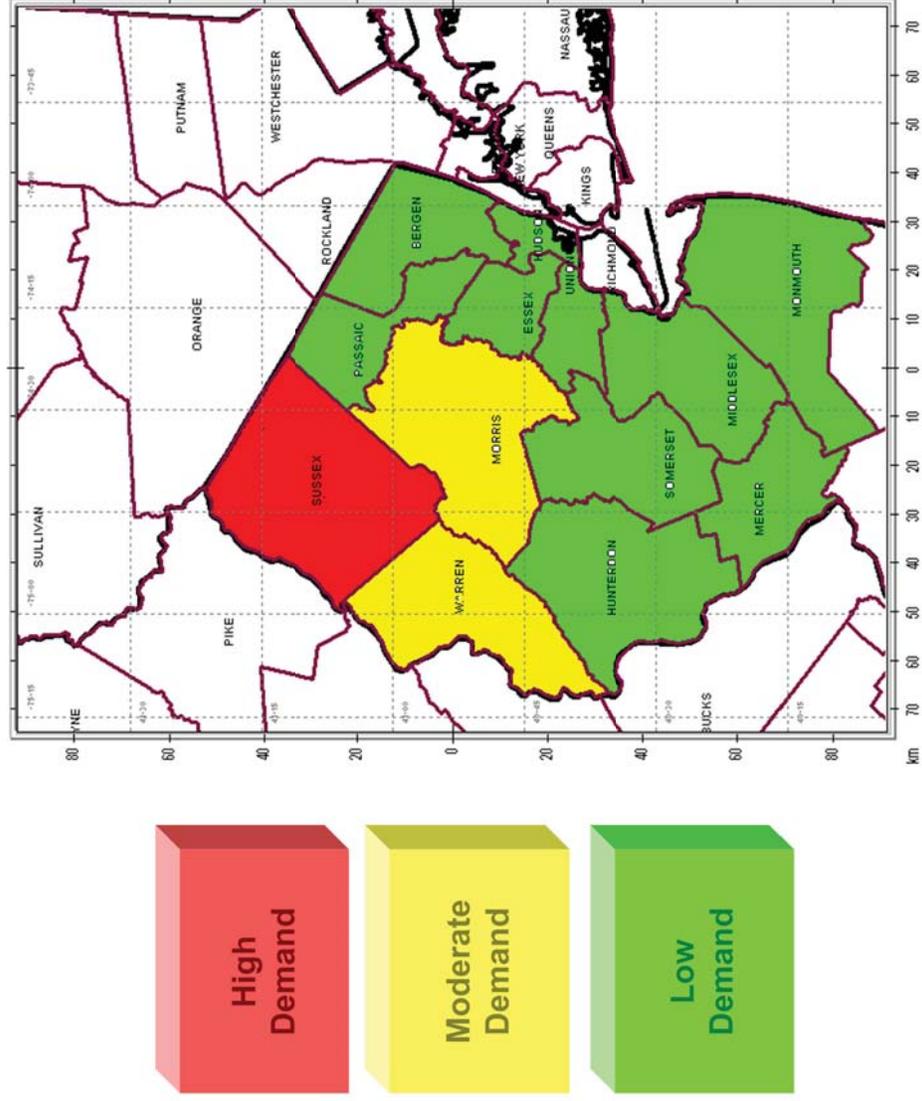


Figure 24, VHF - Low Band (25-50 MHz)

FCC Region 8 – 700-MHz Plan

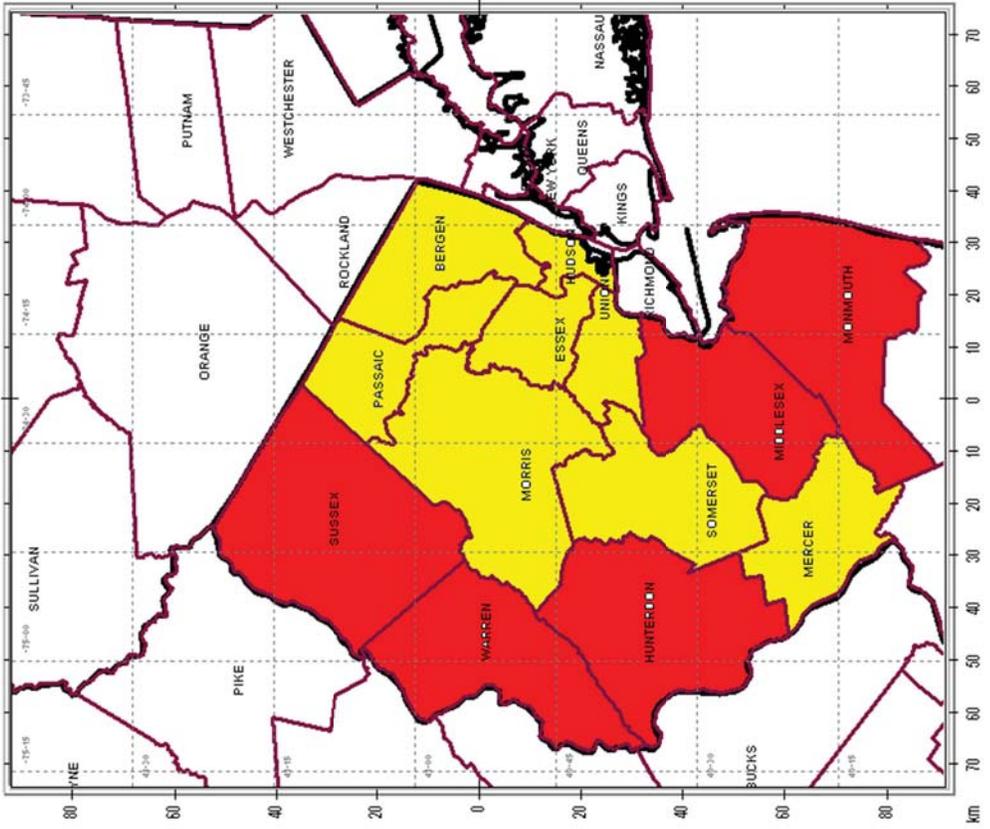
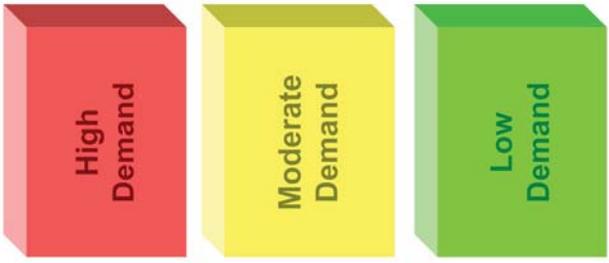


Figure 25, VHF - High Band (150-174 MHz)

FCC Region 8 – 700-MHz Plan

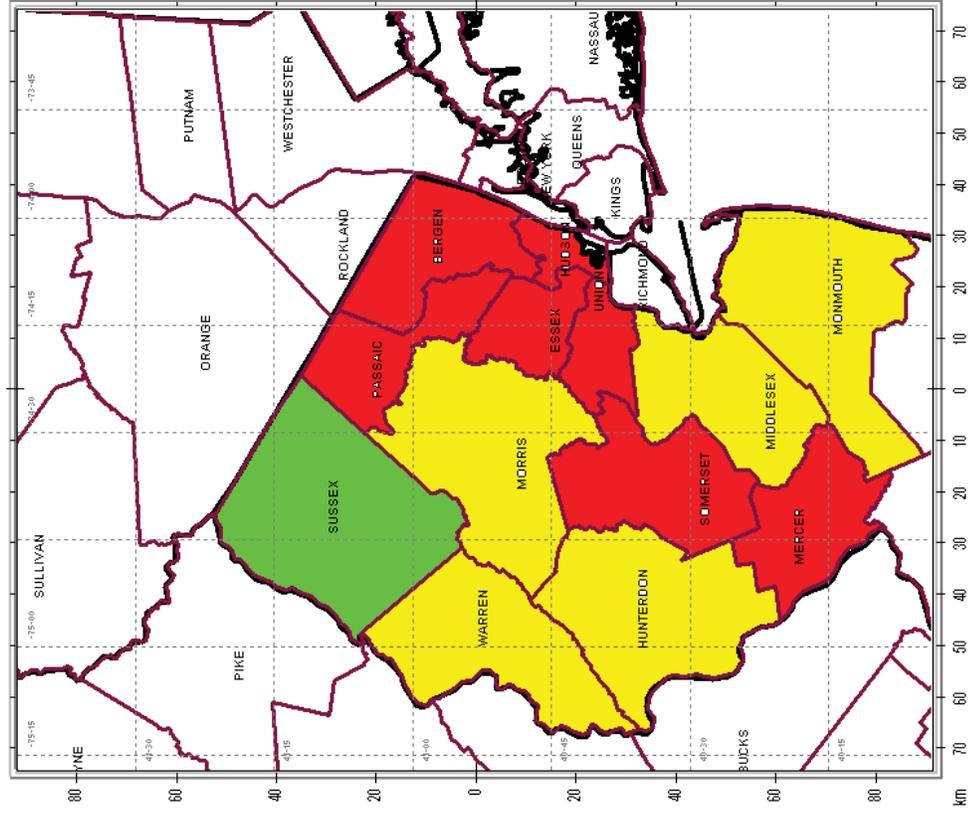
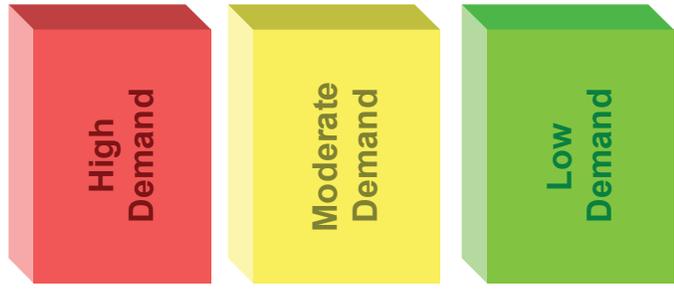


Figure 26, UHF Band (450-470 MHz)

FCC Region 8 – 700-MHz Plan

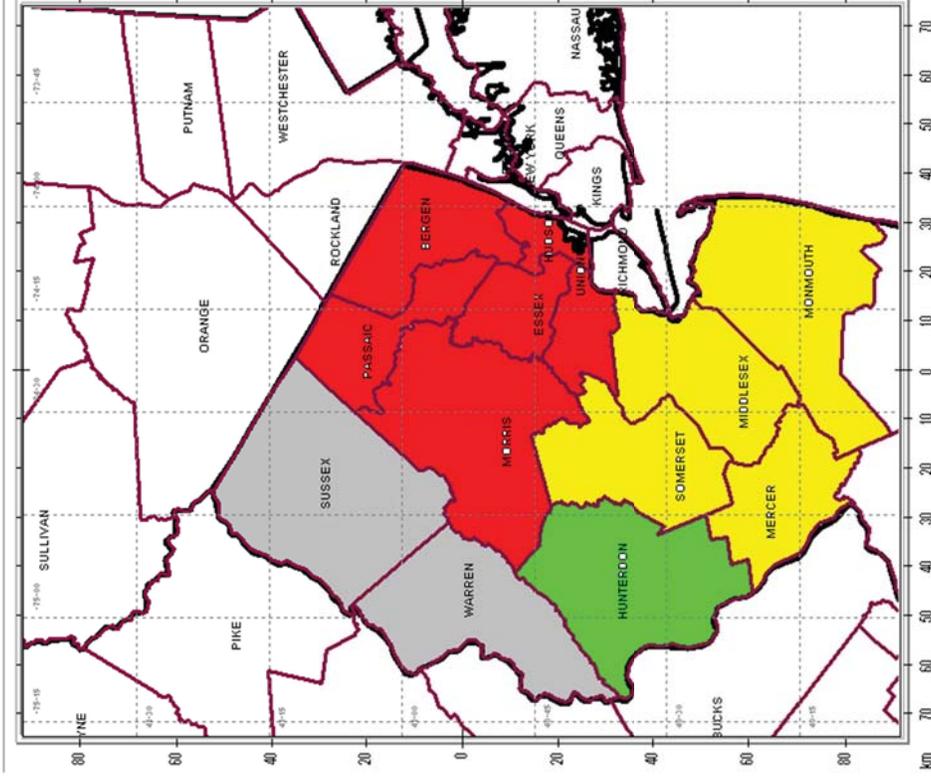


Figure 27, UHF T-Band (470-512 MHz)³⁷

³⁷ 500-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

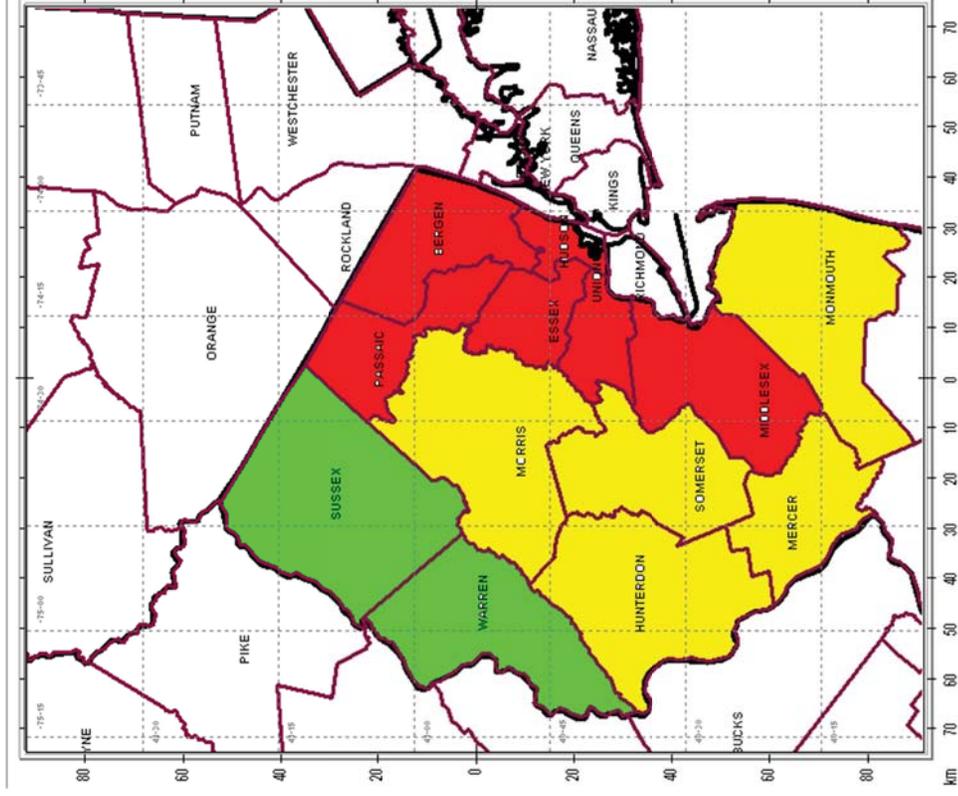


Figure 28, 800-MHz Band (806-824/851-869 MHz)



FCC Region 8 – 700-MHz Plan

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)³⁸ 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](#).

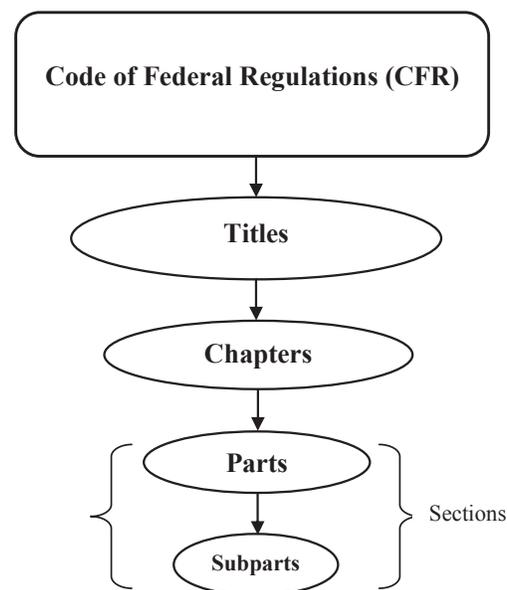


Figure 29, CFR Structure

³⁸ U.S. Government Print Office: <http://www.gpo.gov/>



FCC Region 8 – 700-MHz Plan

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 updates³⁹.

Quick-Reference Guide

Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services, is currently⁴⁰ 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.

³⁹ U.S. Government Print Office CFR Updates: <http://www.gpoaccess.gov/lisa/index.html>

⁴⁰ As of October 1, 2005



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
90.121	Canadian registration.
90.127	Submission and filing of applications.
90.129	Supplemental information to be routinely submitted with applications.
90.135	Modification of license.
90.137	Applications for operation at temporary locations.
90.138	Applications for itinerant frequencies.
90.149	License term.
90.155	Time in which station must be placed in operation.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
90.217	Exemption from technical standards.
90.219	Use of signal boosters.
90.231	Scope - Defines the requirements and standards for the licensing and operation of non-voice and other specialized radio uses (other than radiolocation).
90.233	Base/mobile non-voice operations.
90.235	Secondary fixed signaling operations.
90.237	Interim provisions for operation of radioteleprinter and radiofacsimile devices.
90.238	Telemetry operations.
90.241	Radio call box operations.
90.242	Travelers' information stations.
90.243	Mobile relay stations.
90.245	Fixed relay stations.
90.247	Mobile repeater stations.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
90.301	Scope - Specifies the authorization and use of frequencies by land mobile stations in the 470-512 MHz band on a geographically shared basis with analog television Broadcast facilities.
90.303	Availability of frequencies.
90.305	Location of stations.
90.307	Protection criteria.
90.309	Tables and figures.
90.311	Frequencies.
90.313	Frequency loading criteria.
90.315	Special provisions governing use of frequencies in the 476-494 MHz band (TV Channels 15, 16, 17) in the Southern Louisiana-Texas Offshore Zone.
90.317	Fixed ancillary signaling and data transmissions.
90.350	Scope - Specifies how radio-based technologies can be integrated with transportation infrastructure to develop intelligent transportation systems (i.e. Location and Monitoring Service and Dedicated Short-Range Communications Service).
90.351	Location and Monitoring Service.
90.353	LMS operations in the 902-928 MHz band.
90.355	LMS operations below 512 MHz.
90.357	Frequencies for LMS systems in the 902-928 MHz band.
90.359	Field strength limits for EA-licensed LMS systems.
90.361	Interference from part 15 and Amateur operations.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
90.407	Emergency communications.
90.411	Civil defense communications.
90.415	Prohibited uses.
90.417	Interstation communication.
90.419	Points of communication.
90.421	Operation of mobile station units not under the control of the licensee.
90.423	Operation on board aircraft.
90.425	Station identification.
90.427	Precautions against unauthorized operation.
90.429	Control point and dispatch point requirements.
90.431	Unattended operation.
90.433	Operator requirements.
90.437	Posting station licenses.
90.439	Inspection of stations.
90.441	Inspection and maintenance of antenna structure marking and associated control equipment.
90.443	Content of station records.
90.445	Form of station records.
90.447	Retention of station records.
90.460	Scope - Defines acceptable transmitter control and interconnection.
90.461	Direct and remote control of transmitters.
90.463	Transmitter control points.
90.465	Control of systems of communication.
90.467	Dispatch points.
90.469	Unattended operation.
90.471	Points of operation in internal transmitter control systems.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
90.492	One-way paging operations in the 806-824/851-869 MHz and 896-901/935-940 MHz bands.
90.493	Paging operations on exclusive channels in the 929-930 MHz band.
90.494	Paging operations on shared channels in the 929-930 MHz band.
90.501	Scope - Specifies additional requirements for filing developmental license applications, including special requirements regarding developmental operation, restrictions on operations, et cetera.
90.503	Eligibility.
90.505	Showing required.
90.507	Limitations on use.
90.509	Frequencies available for assignment.
90.511	Interference.
90.513	Special provisions.
90.515	Change or cancellation of authorization without hearing.
90.517	Report of operation.
90.521 Subpart R	Scope - Specifies the regulations governing the licensing and operations of all systems operating in the <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.



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
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.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
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.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
90.816	Criteria for comparative 900-MHz SMR renewal proceedings.
90.901	800-MHz SMR spectrum subject to competitive bidding.
90.903	Competitive bidding mechanisms.
90.904	Aggregation of EA licenses.
90.909	License grants.
90.910	Bidding credits.
90.911	Partitioned licenses and disaggregated spectrum.
90.912	Definitions.
90.913	Record maintenance and definitions.
90.1001	220-MHz service subject to competitive bidding.
90.1017	Bidding credits for small businesses and very small businesses.
90.1019	Eligibility for partitioned licenses.
90.1021	Definitions concerning competitive bidding process.
90.1023	Records maintenance and definitions.
90.1025	Limitations on settlements.
90.1101	Location and Monitoring Service subject to competitive bidding.
90.1103	Designated entities.
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.



FCC Region 8 – 700-MHz Plan

Part/Section	Contents
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.



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

APPENDIX U, SIEC CONVENING LETTER



STATE OF NEW YORK
 OFFICE FOR TECHNOLOGY
 STATE CAPITOL, ESP
 P.O. BOX 2062
 ALBANY, NY 12210-0062
 518-473-5612
 518-473-3269 FAX

GEORGE E. SWANEY
 GOVERNOR

JAMES G. HATCHER
 CHAIRPERSON

November 26, 2001

Ms. Dwana 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 98-50, 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
 Statewide Plaza
 Albany, New York 12203-3716
 Tel: (518) 489-2400
 Fax: (518) 489-3831
 E-mail: Hanford.Thomas@ofit.state.ny.us



FCC Region 8 – 700-MHz Plan

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

Sincerely,



Mark C. Thompson, Jr.

cc: William F. Feigh
Mark



FCC Region 8 – 700-MHz Plan

APPENDIX V, RPC PUBLIC MEETING NOTICES AND MINUTES⁴¹

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

Dear Chief Poarch:

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

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

Respectfully submitted,

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

⁴¹ Presentations given at the RPC meetings can be obtained by contacting the Region 8 Secretary.



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

~~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

spectrum in the 734-776 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 –



FCC Region 8 – 700-MHz Plan

~~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 (*)~~**



FCC Region 8 – 700-MHz Plan

~~———— (***) 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 Tolti, 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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz 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 foresee full cooperation between both Regions.~~

~~Adjourn~~

~~Meeting adjourned at 11:00 AM.~~



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

~~May 1, 2002 Public Meeting Notice~~



FCC Region 8 – 700-MHz Plan

SPENCER H. GIBSON
FIRE CHIEF



SPENCER H. GIBSON
FIRE CHIEF

**OFFICE OF THE FIRE MARSHAL
FIRE COMMUNICATIONS CENTER
140 NORTH STREET
MORRIS PLAZA, SUITE 1000
MORRIS PLAZA
MORRIS PLAZA
MORRIS PLAZA**

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
251 CAMPDEN ROAD
ROCKAWAY, NJ**

AGENDA:

- 1. ADOPT BYLAWS**
- 2. APPOINT A TECHNICAL COMMITTEE**
- 3. DISCUSS CHARTER 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**



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~———— 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~~

5. ~~———— Creation of RPUC~~

6. ~~———— New Business/Comments~~

7. ~~———— Schedule Next Meeting~~

8. ~~———— Adjourn~~



FCC Region 8 – 700-MHz Plan

~~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~~

~~Mincola, 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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

~~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~~**



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

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.



FCC Region 8 – 700-MHz Plan

~~(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~~



FCC Region 8 – 700-MHz Plan

~~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 RS 700-MHz Regional Plan draft. Comments/changes were captured in the Draft National Regional Plan Template 010510-NCC_030225.doc. See attached.~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~4. Funding Peter Meade~~

~~5. Regional Plan Review working document~~

~~6. New Business / Comments~~

~~7. Schedule Next Meeting~~

~~8. Adjourn~~



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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—O'hara@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~~



FCC Region 8 – 700-MHz Plan

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

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.



FCC Region 8 – 700-MHz Plan

~~September 10, 2003 Public Meeting Notice~~



FCC Region 8 – 700-MHz Plan



PUBLIC NOTICE

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

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

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

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

On Tuesday, September 10, 2003, the Region 8 800 MHz NPSAC 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: NCFCFC1@aol.com

– FCC –



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

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~~



FCC Region 8 – 700-MHz Plan

~~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 Statewide 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~~



FCC Region 8 – 700-MHz Plan

~~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)~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

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.



FCC Region 8 – 700-MHz Plan

~~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

~~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.~~



FCC Region 8 – 700-MHz Plan

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FCC Region 8 – 700-MHz Plan

~~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.



FCC Region 8 – 700-MHz Plan

- 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**
-



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

~~_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.~~



FCC Region 8 – 700-MHz Plan

~~January 8, 2004 Public Meeting Notice~~



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Federal Communications Commission
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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.



FCC Region 8 – 700-MHz Plan

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



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

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).~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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 (PSWAG) 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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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 Rinchart 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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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.~~



FCC Region 8 – 700-MHz Plan

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:



FCC Region 8 – 700-MHz Plan

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~~



FCC Region 8 – 700-MHz Plan

- ~~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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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~~



FCC Region 8 – 700-MHz Plan

~~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~~