



LAW ENFORCEMENT ASSISTANCE ADMINISTRATION

POLICE TECHNICAL ASSISTANCE REPORT

SUBJECT Identification of Obtainable VHF  
High-band Frequencies for a County-  
wide Communications System for Newport  
County, Rhode Island

REPORT NUMBER 77-091-177

FOR The Rhode Island Governor's Justice  
Commission

NCJRS

MAR 20 1978

ACQUISITIONS

CONTRACTOR Public Administration Service  
1776 Massachusetts Avenue, N.W.  
Washington, D.C.

CONSULTANT E. Ray Knickel

CONTRACT NUMBER J-LEAA-002-76

DATE February 13, 1978

45742

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Appendix A - Completed Frequency Coordination and License Application Forms

## I. INTRODUCTION

This report was prepared in response to a request from the Rhode Island Governor's Justice Commission for technical assistance in the identification and obtaining of police service VHF high-band frequencies to accommodate the change in the Newport County communities from low-band frequencies to a high-band network consistent with the Rhode Island State Criminal Justice System. It was understood that this task would require liaison with the Federal Communications Commission in Washington, D.C. and with the regional police service frequency coordinator in Boston, Massachusetts.

The consultant assigned to this task was E. Ray Knickel, who is affiliated with Capital Scientific Corporation of Washington, D.C. This request was initiated by Mr. Dennis J. Salisbury, Acting Director of the Rhode Island Statistical Analysis Center (SAC). At the state planning level, the request was approved by Patrick J. Fingliss, Executive Director of the Rhode Island Governor's Justice Commission. LEAA approval for this task was obtained by Mr. Alvin Ash, Information Division, NCJISS, U.S. Department of Justice, Law Enforcement Assistance Administration.

In May, 1976, Capital Scientific Corporation of Washington, D.C., was awarded a study contract to survey the radio communications systems of the several police departments in Newport County, Rhode Island, for the purpose of determining their deficiencies and operational requirements, designing a system that would meet their requirements, and preparing a set of bid specifications for procuring and implementing the recommended system.

The survey and design aspects of this study project were completed by Capital Scientific Corporation, which issued a survey and planning report, Report Number TR-76-5-2-1 dated June 7, 1976. A frequency search was conducted by Capital Scientific Corporation at the time in order to determine what high-band police service frequencies were available for use in Newport County. Based on the results of that frequency search, five alternative police system design configurations were developed for Newport County. The alternative system design configuration recommended in the Capital Scientific Corporation report can be briefly summarized as follows:

- The City of Newport police channel would be converted to a two-frequency mobile relay (repeater) type channel through the utilization of an available mobile-only high-band frequency, 154.710 MHz, along with the existing Newport City police frequency, 155.730.
- All police departments in Newport County would share in the use of the Newport police mobile relay channel for all dispatch operations.
- Complete coverage of the county would be provided by a north repeater base station located in Portsmouth and a south repeater base station located in Newport.
- All departments would share the existing Middletown high-band channel for use as a countywide computer inquiry channel.

- The computer inquiry channel transceiver would be located in Middletown but remotely controlled from the statewide criminal justice information system computer terminal located in the Newport City police communications center.

The fact that all departments would share in the use of the same dispatch operations channel was both an advantage and a disadvantage. It would simplify problems of coordination between departments on the one hand, but it also could be expected to result in occasional periods of mutual radio interference between departments. However, the system would have provided a significant improvement over the existing system, and most departments would have experienced less interference than they are now experiencing on their dispatch operations channel. Furthermore, in view of the frequencies that were then available, the recommended system design configuration was the best that could be devised.

In September 1977, R. J. Crossman Associates, under an LEAA Police Technical Assistance Contract, was asked to review the five alternative system design configurations outlined in the Capital Scientific Corporation report and to outline an action plan for implementing one of the alternatives. The Crossman report concurred with the Capital Scientific Corporation recommendations, but with certain modifications. It recommended that seven additional high-band frequencies be obtained so that each department could have its own dispatch operations channel. The report suggested that these high-band frequencies be obtained by utilizing high-band frequencies that were being abandoned by police departments in New England as they shift to UHF.

As noted, in December 1977, this consultant was requested to provide assistance in identifying and obtaining VHF high-band frequencies for the new Newport County countywide communications system.

During on-site visit over the period January 11 through January 13, 1978, the following persons were contacted:

Mr. Dennis J. Salisbury, Acting Director  
Statistical Analysis Center  
Rhode Island Governor's Justice Commission

Mr. James F. Gavin, Field Representative  
Rhode Island Governor's Justice Commission

Mr. James G. Pemantell  
Chief of Police  
Jamestown, Rhode Island

Mr. Egdbert D. Hawes  
Chief of Police  
Little Compton, Rhode Island

Mr. John T. Pierce  
Chief of Police  
Portsmouth, Rhode Island

Mr. Joseph G. Medeiros  
Chief of Police  
Middletown, Rhode Island

Sergeant Beglow, Communications Officer  
Newport Police Department

Lt. Edward E. Johnston  
Administrative Officer  
Newport Police Department

Approach

A frequency search was conducted at the FCC to determine if there were now any additional high-band frequencies that could be made available for use in the Newport County area. A list of all present New England police departments operating on high-band was compiled so that they could be queried as to whether they had plans for shifting to UHF.

Sgt. John Pineau, the police frequency coordinator for Massachusetts and Rhode Island, and Mr. Lenny MacFarland, the police frequency coordinator for Connecticut, were both asked about any knowledge they had of plans by police departments for shifting from VHF high-band to UHF. A list of police departments known to be shifting to UHF was obtained in this fashion. Numerous individual police departments were also contacted regarding possible plans for shifting from VHF high-band to UHF.

## II. FINDINGS AND CONCLUSIONS

The findings of the completed frequency search are as follows:

- 155.415 MHz is now available for use in all but the northern portions of Newport County. Practically speaking, this means everywhere in Newport County except in Portsmouth and Tiverton. Dracut, Massachusetts, and Georgetown, Massachusetts, are both still operating on this frequency. This restricts the use of this frequency to the southern portions of the county.
- 155.685 MHz can be made available for use throughout Newport County. Brockton, Massachusetts, is currently licensed to operate on this frequency but has shifted to UHF. Brockton is willing to provide a letter certifying the availability of this frequency.
- 154.710 MHz is no longer available for use in Newport County as a mobile-only frequency. The Rhode Island State Police are now utilizing the adjacent channel, 154.695 MHz, as the portable transmit frequency of a portable-to-mobile mounted repeater system. Utilization of 154.170 MHz would cause an unsatisfactory level of interference to the Rhode Island State Police.

It does not appear that any additional new frequencies other than those listed above will become available to Newport County in the foreseeable future. The two new high-band frequencies listed above as newly available, plus the two high-band frequencies of 155.730 MHz and 155.790 MHz currently in use in Newport County by Newport and Middletown, respectively, make a total of four high-band frequencies available for use in Newport County. In addition, however, the town of North Kingstown, which operates on 155.580 MHz, is agreeable to having the Jamestown Police Department operate on its frequency. This effectively makes five high-band frequencies available to Newport County. Considering that 155.415 MHz is not available for use in Portsmouth or Tiverton, the optimum utilization of these five available frequencies is considered to be as follows:

- Shift the City of Newport dispatch operations channel to 155.415 MHz as the sole user in the area of this frequency.
- The Town of Middletown to share its present frequency of 155.790 MHz with the Town of Portsmouth for use as the dispatch operations channel by both towns.
- Shift Tiverton and Little Compton to 155.730 MHz, the frequency currently used by Newport, for use as their dispatch operations channel.
- Jamestown to share the North Kingstown 155.580 MHz dispatch operations channel.

- Utilize 155.685 MHz as the countywide computer voice inquiry and coordination channel.

Insofar as dispatch operations are concerned, utilization of the available frequencies as described above would effectively divide the county into four zones, as follows:

Newport	Zone I
Middletown and Portsmouth	Zone II
Tiverton and Little Compton	Zone III
Jamestown	Zone IV

The computer inquiry channel would be a countywide channel available for the use of all departments. Since all departments will be capable of operating on the computer inquiry channel, it can also serve as a countywide interdepartmental coordination channel.

Utilizing the five available VHF high-band frequencies in the optimum manner described above would provide a system that would be operationally far superior to the system described in the Capital Scientific Corporation Survey and Planning Report. Since there would be much less sharing of channels, all channels would be much less congested, and there would be far fewer instances of mutual interference.

A disadvantage of this concept with regard the original design concept is that it does not include the mobile relay (repeater) feature, which would have provided improved mobile-to-mobile and portable-to-portable coverage. The mobile relay feature is not included in this concept because there are no longer any frequencies available that would be suitable for the repeater receiver (or mobile transmit) frequency of a mobile relay system.

As part of this assignment, the consultant prepared Forms PSF-A (Request for Frequency Coordination) and FCC Forms 400 (Application for Radio Station Authorization) for the six police departments in Newport County. These are attached as Appendix A.

### III. RECOMMENDATIONS

A system designed on the basis of utilizing the five available VHF high-band frequencies in the optimum manner described in the preceding section requires a system design considerably different from that described in the Capital Scientific Corporation Survey and Planning Report. The budgetary cost estimates for implementing the system as contained in the Survey and Planning Report are also no longer valid.

It is recommended that a new system design be developed, based on the frequency utilization concept described in the preceding section and, for planning purposes, that a new set of budgetary cost estimates for implementing the revised system design also be developed. It is estimated that it will take five days for an experienced telecommunications consultant to develop the revised system design and to prepare a revised set of implementation cost estimates.

APPENDIX A-COMPLETED FREQUENCY COORDINATION AND LICENSE APPLICATION FORMS

# Request for Frequency Coordination

Date February 6, 1978

POLICE RADIO SERVICE

Distribution Date to Coordinators \_\_\_\_\_

City of Newport, Rhode Island

Applicant

(Political Sub Division - City, County, State, etc.)

13 Marlborough Street, Newport, Newport, Rhode Island 02840 (401) 847-5522

Mailing Address

City

County

State

Zip Code

Telephone No.

158.685 MHz at 9 Berkeley Ave., Middletown, Newport, Rhode Island  
 155.415 MHz at Friendship Street, Newport Hospital, Newport County, Rhode Island.

Station Location - Address and Land Mark

City

County

State

Land Station Frequency/ies	Emission	Use - (See Below)	Proposed Output Power	Antenna Gain - DB	Direction of Radiation	Antenna Ht. Above Ground (ft.)	Ground Elev. at Ant. Site (ft. above M.S.L.)	Area to be Covered - Sq. Mi.	Latitude	Longitude	Land Station Tone Frequency CPS (if any)	Mobile Frequency/ies	Mobile Tone Frequency CPS (if any)	No. of Mobile Units
155.415	20 F3 FB	FB	120	6	Omni	145	71	40	41°29'50"	71°18'30"	118.8	155.415	118.8	30
155.415	20 F3 MO	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	32	
155.415	F3 MO	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.415	118.8	30
155.685	20 F3 MO	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	32	
155.685	F3 MO	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	30
None	20 F3 MO	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	32	
None	F3 MO	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.190	118.8	30
155.685	20 F3 FB	FB	120	6	Omni	80	181	400	41°31'17"	71°16'25"	118.8	155.685	118.8	62

Enter proper initials in "Use" column as follows:

- FB Base
- FX Fixed
- FX1 Control
- FX2 Fixed Relay
- FX3 Repeater
- MO Mobile
- FB2 Mobile Relay
- LMO Land Mobile
- FXO Operational Fixed
- FBM Base and Mobile,

stations licensed on the same frequency as base & mobile

- New Application
- Modification of License

Frequencies to be deleted:

155.730 mc.

KCB245

(Call Letters)

\_\_\_\_\_mc.

155.415 MHz is to be the dispatch operations channel. 155.685 is to be used as the County-wide computer inquiry channel. 155.190

REMARKS: is the RISPERN channel. Contact Ray Knickel, 2607 Conn. Ave., N.W., Washington, D.C. 20008, phone (202) 667-3100 for additional technical details. (Note - 155.685 MHz is to be a voice and not a data, channel)

NOTE: You are cautioned against the use of any frequency until authorized by the FCC.

United States of America  
Federal Communications Commission

AUTHORIZATION

Call Sign \_\_\_\_\_ File No. \_\_\_\_\_

1(a). Frequencies MHz	1(b). No. of transmitters			1(c). Emission	1(d) Output Power Watts
	Base-Land-Fixed	Mobile	Other		
155.415	1(A)	30		20F3	120
155.415		32		20F3	10
155.685	1(B)	30		20F3	120
155.685		32		20F3	10
155.190		30		20F3	120
155.190		32		20F3	10

Antenna painting and lighting specifications:  
Special Conditions:  
  
This authorization effective \_\_\_\_\_  
and will expire 3.00 AM EST.  
and is subject to further conditions as set forth on reverse side. If the station authorized herein is not placed in operation within eight months this authorization becomes invalid and must be returned to the Commission for cancellation unless an extension of completion date has been authorized.

Federal Communications Commission

Chief, Safety & Special Radio Services Bureau



1(e) Show No. of mobile units in each of following categories:  
Land vehicle: 30  
Aircraft: 0  
Hand carried: 32  
Marine: \_\_\_\_\_  
Pager receivers: 0

2 Location of transmitter(s) at a fixed location:  
Number and street (for other indication of location): (A) Friendship St.,  
Newport Hospital (B) 9 Berkely Ave.  
City: (A) Newport County: \_\_\_\_\_ State: \_\_\_\_\_  
(B) Middletown Newport R.I.  
Latitude: (A) 41° 29' 50" N Longitude: (A) 71° 18' 30" W  
(B) 41° 31' 17" N Longitude: (B) 71° 16' 25" W

6(a) Name of Radio Service: POLICE  
(b) Class of station:  
Base  Mobile  Other

3 Location of control point:  
Police Department, 13 Marlborough Street, Newport, R.I.

7(a) Name (see instructions):  
City of Newport  
(b) Mailing address (number, street, city, state & zip code):  
Police Department  
13 Marlborough Street  
Newport, Rhode Island 12840

4. If mobile units, or other class of station at temporary locations, are included in this authorization, show area of operation:  
City of Newport, R.I. and vicinity

5(a). Overall height above ground of:  
(1) tip of antenna (A) 120' (B) 80' ft.  
(2) antenna supporting structure (A) 60' (B) 60' ft.  
(b). Elevation of ground above mean sea level at antenna site (A) 71' (B) 181' ft.

8. Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's rules?  
Yes  No

If yes, submit the required statement (See Section 1.1311 of the Commission's rules). (A) Will use present Ant. on Bldg.  
If no, give explanation. (B) Ant. to be on 60' tower.

9. State whether applicant is (Check one):  
Individual  Partnership  Association  Corporation  Governmental Entity

10. Is communication service to be received from or rendered to another person (see instructions)? If "Yes", name of person is \_\_\_\_\_  
Yes  No

11. (a)(1) Will applicant own the radio equipment? Yes  No   
If answer is "No", give name of owner \_\_\_\_\_  
(a)(2) If not the owner of the radio equipment, is applicant a party to a lease or other agreement under which control will be exercised in the same manner as if the equipment were owned by the applicant? Yes  No

(b) Will applicant have unlimited access to the equipment and will effective measures be taken to prevent use of the radio equipment by unauthorized persons? Yes  No

12. Attach functional system diagram showing details of proposed radio system and include such other supplementary data as required by specific rules.

13. If it is proposed to use a transmitter which does not appear on the Commission's "Radio Equipment List" or if the transmitter is listed but not designated for use in the particular radio service named in Item 6(a) of this application, describe such transmitter in detail. (See instructions)

14. Will the facilities be located on land under jurisdiction of the U.S. Forest Service or the Bureau of Land Management? (If yes, attach statement).  
Yes  No

15. Statement of eligibility:  
The City of Newport is a governmental entity. The transmitters will be used to provide radio communications for the Newport Police Department  
(Use space on the reverse of this page)

16. (a) Application for (Check one):  
New station  Assignment of authorization  Reinstatement of expired authorization   
Modification

(b) For modification, state modification proposed:  
See remarks

(c) If this application refers to a presently authorized station, give call sign:  
KCB245  
(d) Give points of communication (call signs):  
KCE213, KCF295, KBE504, KQT988, KLK534

(e) Are you presently authorized for any other stations in the service indicated in Item 6(a)?  
Yes  No

17. If antenna will be mounted on an existing antenna structure, (a) Give name of a licensee using this structure, his call sign and radio service and the current painting and lighting specifications required by the Commission for this antenna structure.

(b) If your proposed antenna will increase the height of the existing structure, give overall height above ground of the tip of the proposed antenna structure.

18(a) Will the antenna extend more than 20 feet above the ground, or more than 20 feet above the tree, natural formation or existing man-made structure (other than an antenna structure) on which it is mounted? If "Yes", answer (b), (c), (d) and (e).  
Yes  No   
(b) Give height above ground for each component of the antenna structure (antenna, pole, tower, water tower, mast, building, chimney, etc., or combination of these).  
See remarks ft

(c) Distance and direction to nearest runway of nearest aircraft landing area:  
(A) 2.4 mi., 33°  
(B) .65 mi., 310°  
(d) Name of landing area:  
(A) Newport State Airport  
(B) Newport State Airport

(e) Has notice of the proposed construction of the antenna structure been filed with the FAA? If "Yes", state when and the name under which it was filed and the FAA regional office where it was filed. Use space on the reverse of this page.  
Yes  No

All the statements made in the application and attached exhibits (to \_\_\_\_\_ inclusive) are considered material representations, and all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application. The applicant certifies that he has a current copy of the Commission's Rules governing the radio service named in Item 6(a) above. The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. Neither applicant nor any member thereof is a foreign government or a representative thereof.

I CERTIFY that the statements in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

REMEMBER TO INCLUDE FREQUENCY COORDINATION, IF REQUIRED

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Designate appropriate classification below)

DO NOT WRITE IN THIS BLOCK

INDIVIDUAL APPLICANT  MEMBER OF APPLICANT PARTNERSHIP  OFFICER OF APPLICANT CORPORATION  OFFICER WHO IS ALSO A MEMBER OF THE APPLICANT ASSOCIATION  
 OFFICIAL OF GOVERNMENTAL ENTITY  
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT, U.S. CODE, TITLE 18, SECTION 1001.

USE THIS SPACE FOR ANY ADDITIONAL INFORMATION OR REMARKS

- 18(b) (A) Existing 22 foot antenna mounted on the roof of a 120 foot building will be utilized.  
(B) New tower 60 ft., antenna 80 ft.

REASON NEWPORT, R.I. IS REQUESTING SHIFT IN FREQUENCY

Newport is giving up its present dispatch operations channel frequency of 155.730 MHz in order that it may request authorization to shift its dispatch operations channel to 155.415 MHz. The Towns of Tiverton and Little Compton in Newport County, Rhode Island are requesting authorization to operate on 155.730 MHz. Newport is requesting authorization to make this shift in frequency for the convenience of Tiverton. Tiverton, which is in the northern part of Newport County, would not be eligible to apply for authorization to operate on 155.415 MHz because it is less than 75 miles from the Massachusetts cities of Dracut and Georgetown, which also operate on this frequency. This shift in frequency effectively makes another VHF high-band Police Service frequency available for use in Newport County, Rhode Island.

- 16(b) Shift frequency of dispatch operations channel and authorize operation of mobile units on Rhode Island State Police Emergency Radio Network (RISPERN) channel and County-wide computer voice inquiry channel.

STATEMENT OF NEED FOR ADDITIONAL FREQUENCY  
ASSIGNMENTS AS REQUIRED BY SECTION 89.309(c)(1)

Rhode Island is implementing a statewide criminal justice information system (CJIS) with a depository computer. A terminal for the computer is scheduled for early installation in the communications center of the Newport City Police Department. The Newport terminal is to serve as the point of access to the CJIS for all municipalities in Newport County. All police mobile and portable units in Newport County therefore require a voice radio link to the CJIS terminal in Newport. In order to avoid interference with its dispatch operations channel, the City of Newport is requesting authorization to operate the County-wide computer voice inquiry channel on a separate frequency, 155.685 MHz.

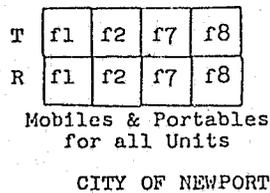
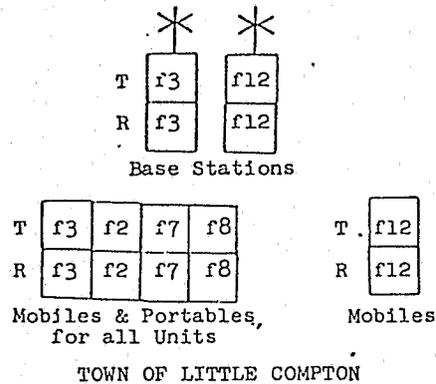
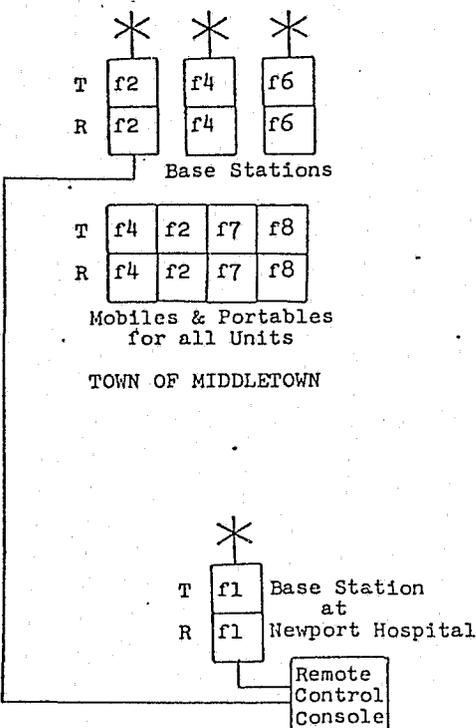
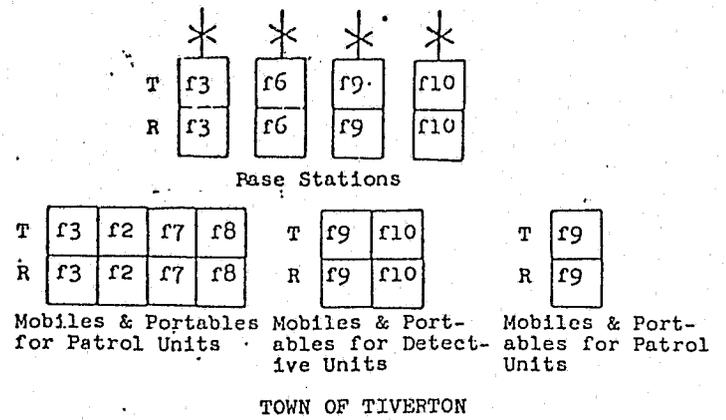
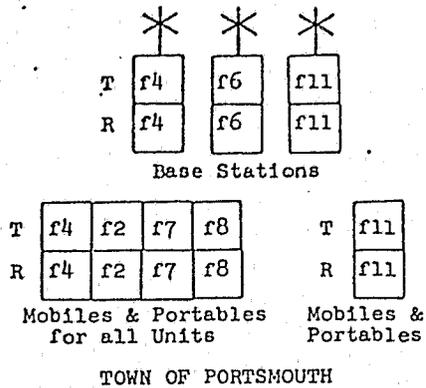
Authorization to operate mobile and portable units on 155.190 MHz is requested because this has been established as the Rhode Island State Police Emergency Radio Network (RISPERN) channel.

(Attachment (a) to City of Newport, Rhode Island application for radio station authorization, FCC Form 400)

REQUEST FOR TEMPORARY AUTHORIZATION

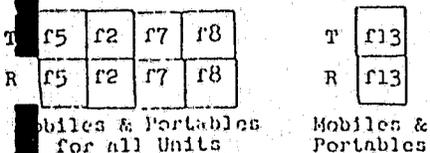
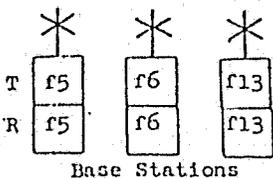
Temporary authorization is requested for the City of Newport, Rhode Island Police Department to continue operating on its present Police Service frequency of 155.790 MHz until such time as its new system on the Police Service frequency of 155.415 MHz becomes completely operational.

(Attachment (b) to City of Newport, Rhode Island application for radio station authorization, FCC Form 400)



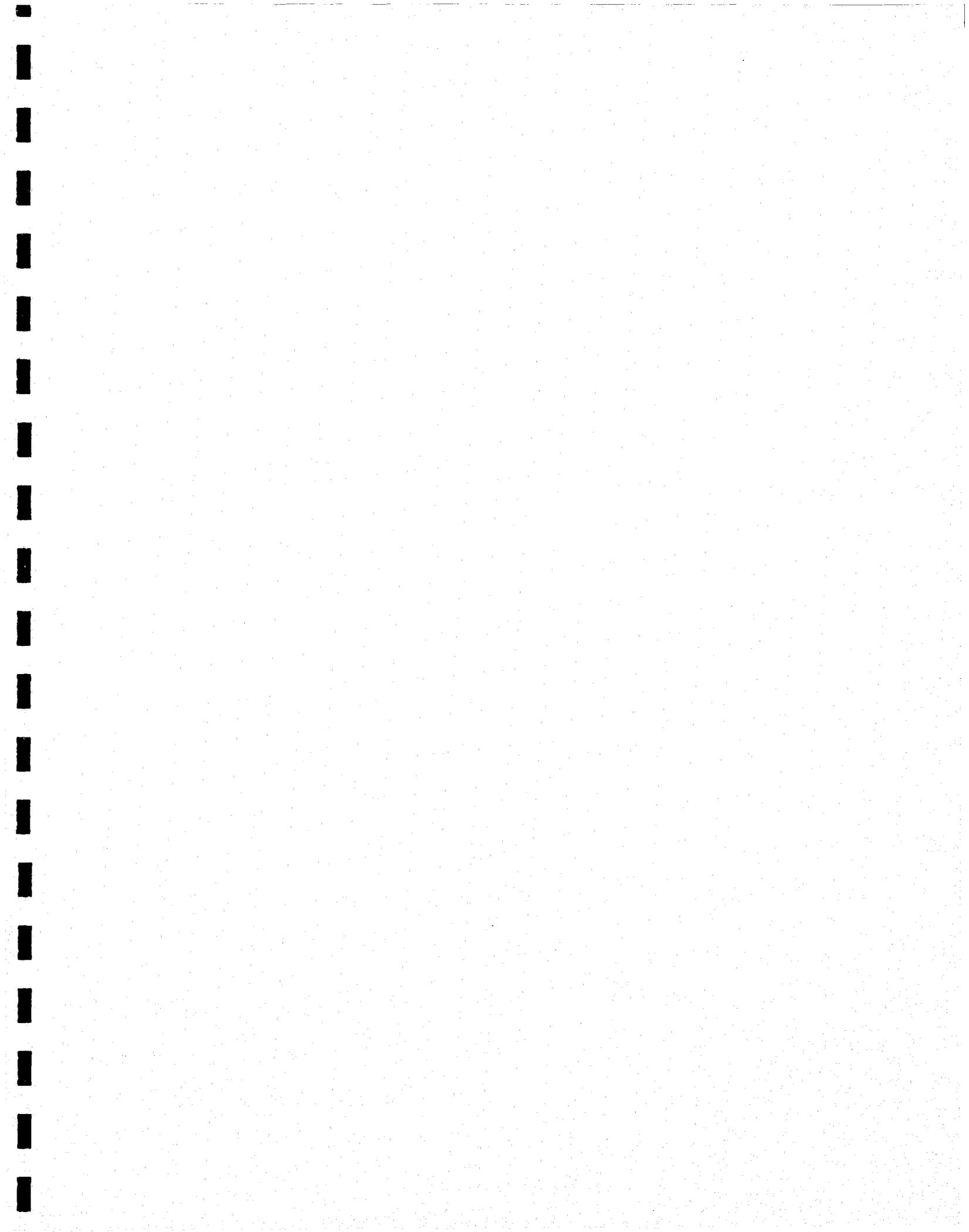
-----FREQUENCY PLAN FOR NEWPORT COUNTY-----

- f1 155.415 MHz, new dispatch operations channel for Newport.
- f2 155.685 MHz, new computer voice inquiry channel for Newport and County-wide use.
- f3 155.730 MHz, new dispatch operations channel for Tiverton and Little Compton. To be released by Newport.
- f4 155.790 MHz, existing Middletown dispatch operations channel to be shared with Portsmouth.
- f5 155.580 MHz, new dispatch operations channel for Jamestown to be shared with North Kingston.
- f6 158.970 MHz, existing intersystem communications channel as limited by Section 89.309(e).
- f7 155.190 MHz, existing Rhode Island State Police Emergency Radio Network (RISPERN) channel.
- f8 Future
- f9 45.66 MHz, existing Tiverton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f10 45.70 MHz, existing Tiverton detective channel.
- f11 45.94 MHz, existing Portsmouth dispatch operations channel. To be deleted when f4 (155.790 MHz) channel becomes completely operational.
- f12 39.56 MHz, existing Little Compton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f13 39.04 MHz, existing Jamestown dispatch operations channel. To be deleted when f5 (155.580 MHz) channel becomes completely operational.



TOWN OF JAMESTOWN

(Item 12 of FCC Form 400 - Newport application)



# Request for Frequency Coordination

(FOR COORDINATOR'S USE ONLY)

FC NO. \_\_\_\_\_

Date February 15, 19 78

POLICE

RADIO SERVICE

Distribution Date to Coordinators \_\_\_\_\_

Town of Portsmouth, Rhode Island

Applicant

(Political Sub Division - City, County, State, etc.)

Police Headquarters, 2270 East Main Rd., Portsmouth, Newport, R.I.

02871

(401) 683-1300

Mailing Address

City

County

State

Zip Code

Telephone No.

2270 East Main Rd.,

Portsmouth,

Newport,

Rhode Island

Station Location - Address and Land Mark

City

County

State

Land Station Frequency/ies	Emission	Use - (See Below)	Proposed Out put Power	Antenna Gain - DB	Direction of Radiation	Antenna Ht. Above Ground (ft.)	Ground Elev. at Ant. Site (ft. above M.S.L.)	Area to be Covered - Sq. Mi.	Latitude	Longitude	Land Station Tone Frequency CPS (if any)	Mobile Frequency/ies	Mobile Tone Frequency CPS (if any)	No. of Mobile Units
155.790	F3	FB	120	0	Omni	72'	200'	40	41°35'39"	71°15'15"	118.8	155.790	118.8	12
	20	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8		118.8	12
155.790	F3	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.790	118.8	12
	20	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8		118.8	12
None	F3	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.190	118.8	12
	20	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8		118.8	12
None	F3	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	12

Enter proper initials in "Use" column as follows:

- FB Base
- FX Fixed
- FX1 Control
- FX2 Fixed Relay
- FX3 Repeater
- MO Mobile
- FB2 Mobile Relay
- LMO Land Mobile
- FXO Operational Fixed
- FBM Base and Mobile, stations licensed on the same frequency as base & mobile

- New Application
- Modification of License

Frequencies to be deleted:

45.94 mc.

KBE504

(Call Letters)

\_\_\_\_\_ mc.

REMARKS: 155.790 MHz is to be shared with Middletown as the dispatch operations channel. 155.685 MHz is to be used as the County-wide computer inquiry channel. 155.190 MHz is the RISPERN channel. Contact Ray Knickel, 2607 Connecticut Ave., N.W., Washington, D.C. 20008, phone (202) 667-3100 for additional technical details.

United States of America  
Federal Communications Commission

AUTHORIZATION

Call Sign \_\_\_\_\_ File No. \_\_\_\_\_

1(a). Frequencies MHz	1(b). No. of transmitters			1(c). Emission	1(d). Output Power Watts
	Base-Land-Fixed	Mobile	Other		
155.790	1	12		20F3	120
155.790		12		20F3	10
155.190		12		20F3	120
155.190		12		20F3	10
155.685		12		20F3	120
155.685		12		20F3	10
158.970	1			20F3	120

Antenna painting and lighting specifications:  
Special Conditions:  
  
This authorization effective \_\_\_\_\_  
and will expire 3:00 AM EST.  
and is subject to further conditions as set forth on reverse side. If the station authorized herein is not placed in operation within eight months this authorization becomes invalid and must be returned to the Commission for cancellation unless an extension of completion date has been authorized.

Federal Communications Commission  
Chief, Safety & Special Radio Services Bureau



1(e) Show No. of mobile units in each of following categories:  
Land vehicles: 12, Aircraft: 0  
Hand carried: 12, Marine: 0, Aircraft paging: 0, Receivers: 0

2 Location of transmitter(s) at a fixed location  
Number and street for other indication of location:  
2270 East Main Rd.  
City: Portsmouth, County: Newport, State: R.I.

6(a) Name of Radio Service: POLICE  
(b) Class of station:  
Base  Mobile  Other

Latitude: 41° 35' 39" N, Longitude: 71° 15' 15" W

7(a) Name (see instructions):  
Town of Portsmouth  
(b) Mailing address (number, street, city, state & zip code):  
Police Headquarters  
2270 East Main Road  
Portsmouth, R.I. 02871

3 Location of control point(s):  
Same as transmitter  
4. If mobile units, or other class of station at temporary locations, are included in this authorization, show area of operation:  
Town of Portsmouth, R.I. & vicinity  
5(a). Overall height above ground of:  
(1) tip of antenna: 72 ft., (2) antenna supporting structure: 50 ft.  
(b). Elevation of ground above mean sea level at antenna site: 200 ft.

8. Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's rules?  
Yes  No

If yes, submit the required statement (See Section 1.1311 of the Commission's rules).  
If no, give explanation. Will utilize existing tower

9. State whether applicant is (Check one)  
Individual  Partnership  Association  Corporation  Governmental Entity

10. Is communication service to be received from or rendered to another person (see instructions)? If "Yes", name of person is \_\_\_\_\_  
Yes  No

11. (a)(1) Will applicant own the radio equipment? Yes  No   
If answer is "No", give name of owner \_\_\_\_\_  
(a)(2) If not the owner of the radio equipment, is applicant a party to a lease or other agreement under which control will be exercised in the same manner as if the equipment were owned by the applicant? Yes  No

(b) Will applicant have unlimited access to the equipment and will effective measures be taken to prevent use of the radio equipment by unauthorized persons? Yes  No

12. Attach functional system diagram showing details of proposed radio system and include such other supplementary data as required by specific rules.

13. If it is proposed to use a transmitter which does not appear on the Commission's "Radio Equipment List" or if the transmitter is listed but not designated for use in the particular radio service named in Item 6(a) of this application, describe such transmitter in detail. (See instructions)

14. Will the facilities be located on land under jurisdiction of the U.S. Forest Service or the Bureau of Land Management? (If yes, attach statement).  
Yes  No

15. Statement of eligibility  
The transmitters will be used to provide police radio communications for the Town of Portsmouth, R.I., a governmental entity.

16. (a) Application for: (Check one)  
New station  Assignment of authorization  Reinstatement of expired authorization   
Modification

(b) If for modification, state modification proposed:  
See remarks

(c) If this application refers to a presently authorized station, give call sign:  
KBE504  
(d) Give points of communication (call signs):  
KCB245

(e) Are you presently authorized for any other stations in the services indicated in Item 6(a)? Yes  No

17. If antenna will be mounted on an existing antenna structure, (a) Give name of a licensee using this structure, his call sign and radio service and the current painting and lighting specifications required by the Commission for this antenna structure.

(b) If your proposed antenna will increase the height of the existing structure, give overall height above ground of the tip of the proposed antenna structure.

18(a) Will the antenna extend more than 20 feet above the ground, or more than 20 feet above the tree, natural formation or existing man-made structure (other than an antenna structure) on which it is mounted? If "Yes", answer (b), (c), (d) Yes  No   
(b) Give height above ground for each component of the antenna structure (antenna, pole, tower, water tower, mast, building, chimney, etc., or combination of these). \_\_\_\_\_ ft

(c) Distance and direction to nearest runway of nearest aircraft landing area.  
(d) Name of landing area

(e) Has notice of the proposed construction of the antenna structure been filed with the FAA? If "Yes", state when and the name under which it was filed and the FAA regional office where it was filed. Use space on the reverse of this page. Yes  No

All the statements made in the application and attached exhibits (to be included) are considered material representations, and all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application. The applicant certifies that he has a current copy of the Commission's Rules governing the radio service named in Item 6(a) above. The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. Neither applicant nor any member thereof is a foreign government or a representative thereof.

I CERTIFY that the statements in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

REMEMBER TO INCLUDE FREQUENCY COORDINATION, IF REQUIRED  
DO NOT WRITE IN THIS BLOCK

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Designate appropriate classification below)

INDIVIDUAL APPLICANT  MEMBER OF APPLICANT PARTNERSHIP  OFFICER OF APPLICANT CORPORATION  OFFICER WHO IS ALSO A MEMBER OF THE APPLICANT ASSOCIATION  
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT, U.S.

USE THIS SPACE FOR ANY ADDITIONAL INFORMATION OR REMARKS

16(b) To enable operation of mobile and portable radio units on the Rhode Island State Police Emergency Radio Network (RISPERN) channel, 155.190 MHz, and to enable operation of mobile and portable units on the County-wide computer voice inquiry channel, 155.685 MHz.

STATEMENT OF NEED FOR ADDITIONAL FREQUENCY  
ASSIGNMENTS AS REQUIRED BY SECTION 89.309(c)(1)

Rhode Island is implementing a statewide criminal justice information system (CJIS) with a depository computer. A terminal for the computer is scheduled for early installation in the communications center of the Newport City Police Department. The Newport terminal is to serve as the point of access to the CJIS for all municipalities in Newport County. All police mobile and portable units in Newport County therefore require a voice radio link to the CJIS terminal in Newport. In order to avoid interference with its dispatch operations channel, the City of Newport is requesting authorization to operate the County-wide computer voice inquiry channel on a separate frequency, 155.685 MHz. The Town of Portsmouth requires authorization to operate on 155.685 MHz in order that its mobile and portable units will be able to operate on this County-wide computer voice inquiry channel.

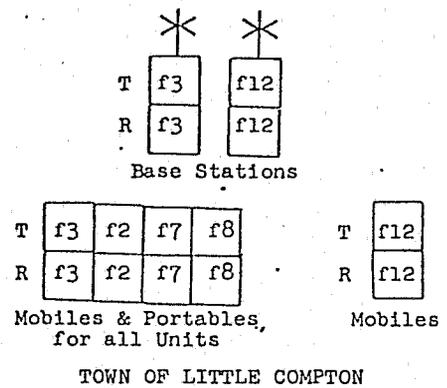
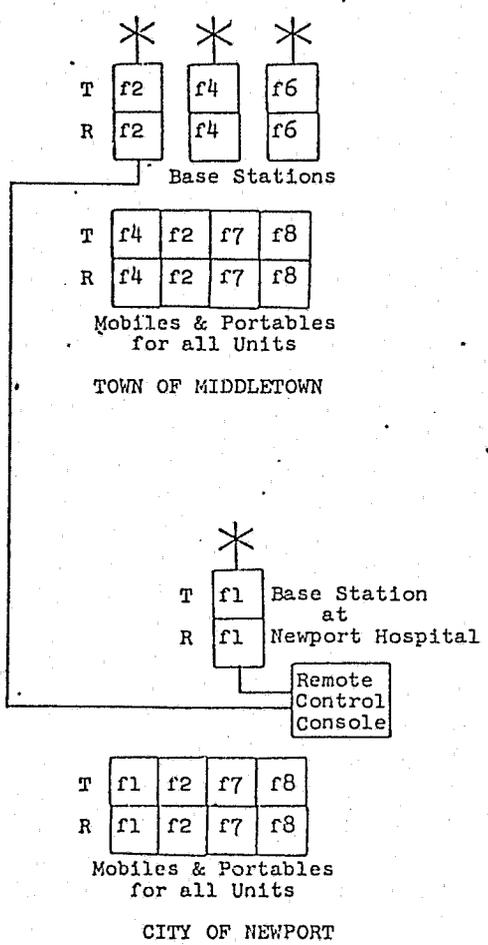
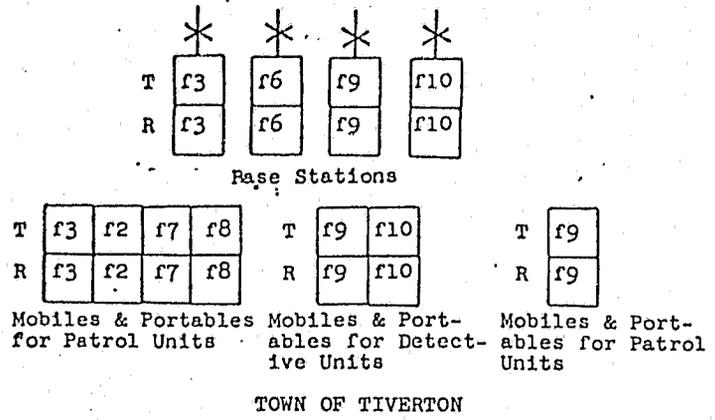
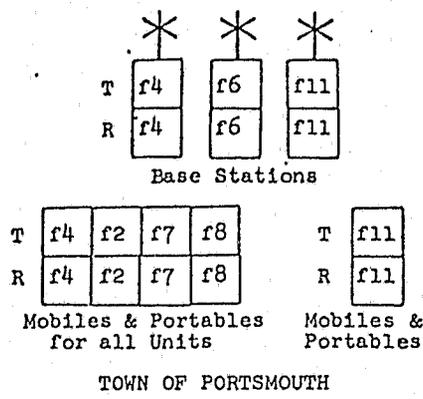
155.790 MHz will become the dispatch operations channel. Authorization on 158.970 MHz is required because this is the existing intersystem communication channel as limited by Section 89.309(e). Authorization on 155.190 MHz is required because this has been established as the Rhode Island State Police Emergency Radio Network (RISPERN) channel.

(Attachment (a) to Town of Portsmouth, Rhode Island application for radio station authorization, FCC Form 400)

REQUEST FOR TEMPORARY AUTHORIZATION

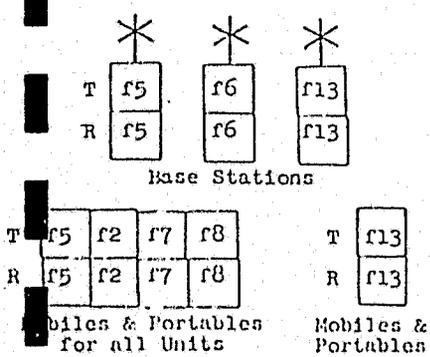
Temporary authorization is requested for the Town of Portsmouth, Rhode Island Police Department to continue operation on its present Police Service frequency of 45.94 MHz until such time as its new system on the Police Service frequency of 155.790 MHz becomes completely operational.

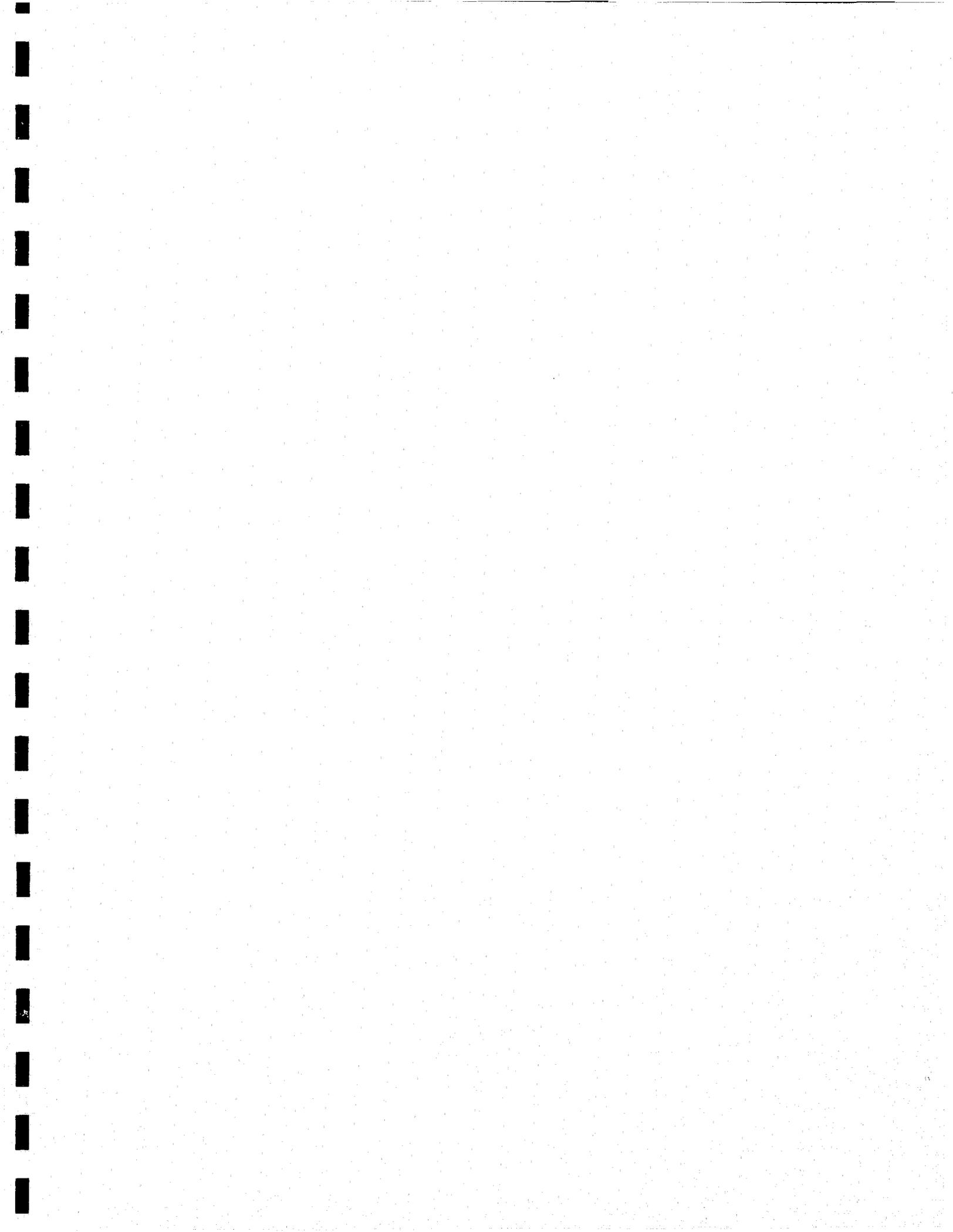
(Attachment (b) to Town of Portsmouth, Rhode Island application for radio station authorization, FCC Form 400)



-----FREQUENCY PLAN FOR NEWPORT COUNTY-----

- f1 155.415 MHz, new dispatch operations channel for Newport.
- f2 155.685 MHz, new computer voice inquiry channel for Newport and County-wide use.
- f3 155.730 MHz, new dispatch operations channel for Tiverton and Little Compton. To be released by Newport.
- f4 155.790 MHz, existing Middletown dispatch operations channel to be shared with Portsmouth.
- f5 155.580 MHz, new dispatch operations channel for Jamestown to be shared with North Kingstown.
- f6 158.970 MHz, existing intersystem communications channel as limited by Section 89.309(e).
- f7 155.190 MHz, existing Rhode Island State Police Emergency Radio Network (RISPERN) channel.
- f8 Future
- f9 45.66 MHz, existing Tiverton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f10 45.70 MHz, existing Tiverton detective channel.
- f11 45.94 MHz, existing Portsmouth dispatch operations channel. To be deleted when f4 (155.790 MHz) channel becomes completely operational.
- f12 39.56 MHz, existing Little Compton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f13 39.04 MHz, existing Jamestown dispatch operations channel. To be deleted when f5 (155.580 MHz) channel becomes completely operational.





# Request for Frequency Coordination

FOR COORDINATOR'S USE ONLY

FC NO. \_\_\_\_\_

Distribution Date to Coordinators \_\_\_\_\_

Date February 15, 1978

POLICE RADIO SERVICE

Town of Tiverton, Rhode Island

Applicant

(Political Sub Division - City, County, State, etc.)

Police Department, Route 24 & Fish Road, Tiverton Newport 08 01 4-9 77

Mailing Address City County State Zip Code Telephone No.

Route 24 and Fish Road, Tiverton, Newport Rhode Island

Station Location - Address and Land Mark City County State

Land Station Frequency/ies	Emission	Proposed Input Power	Antenna Gain - DB	Direction of Radiation	Antenna Ht. Above Ground (ft.)	Ground Elev. at Ant. Site (ft. above M.S.L.)	Area to be Covered - Sq. Mi.	Latitude	Longitude	Land Station Tone Frequency CPS (if any)	Mobile Frequency/ies	Mobile Tone Frequency CPS (if any)	No. of Mobile Units
155.730	F <sup>1</sup> FB	120	10	160°	120	12	40	41° 8' 25"	71° 11' 14"	118.8	155.730	118.8	20
20	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8		118.8	20
155.685	F <sup>1</sup> MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	20
20	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8		118.8	20
None	F3 MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	20
20	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8		118.8	20
None	F3 MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	20

Enter proper initials in "Use" column as follows:

- FB Base
- FX Fixed
- FX1 Control
- FX2 Fixed Relay
- FX3 Repeater
- MO Mobile
- FB2 Mobile Relay
- LMO Land Mobile
- FXO Operational Fixed
- FBM Base and Mobile, stations licensed on the same frequency as base & mobile

New Application

Modification of License

KCF295

(Call Letters)

Frequencies to be delete

45.66 mc.

\_\_\_\_\_ mc.

REMARKS: 155.730 MHz is to be the dispatch operations channel and is to be shared with Little Compton.

155.685 MHz is to be used as the RISPERN channel. Contact Ray Knickel, 2607 Connecticut Ave., N.W., Washington, D.C. 20008, phone 202 66-100.

United States of America  
Federal Communications Commission

AUTHORIZATION

Call Sign \_\_\_\_\_ File No. \_\_\_\_\_

1(a). Frequencies MHz	1(b). No of transmitters			1(c). Emission	1(d). Output Power Watts
	Base-Land-Fixed	Mobile	Other		
158.970	1			20F3	120
45.70	1	20		20F3	120
155.730	1	20		20F3	120
155.730		20		20F3	10
155.685		20		20F3	120
155.685		20		20F3	10
155.190		20		20F3	120
155.190		20		20F3	10

Antenna painting and lighting specifications:  
Special Conditions:  
  
This authorization effective \_\_\_\_\_  
and will expire 3:00 AM EST. \_\_\_\_\_  
and is subject to further conditions as set forth on reverse side. If the station authorized herein is not placed in operation within eight months this authorization becomes invalid and must be returned to the Commission for cancellation unless an extension of completion date has been authorized.

Federal Communications Commission

Chief, Safety & Special Radio Services Bureau



1(e) Show No. of mobile units in each of following categories:  
Land vehicle \_\_\_\_\_ 40 \_\_\_\_\_ aircraft \_\_\_\_\_ 0  
hand carried \_\_\_\_\_ 20 \_\_\_\_\_ marine \_\_\_\_\_ 0 \_\_\_\_\_ paging receivers \_\_\_\_\_ 0

2 Location of transmitter(s) at a fixed location

Number and street for other indication of location:  
Route 24 and Fish Road

City: Tiverton County: Newport State: R.I.

Latitude: 41° 38' 25" N Longitude: 71° 11' 14" W

3 Location of central point(s):  
Same as transmitter

4. If mobile units, or other class of station at temporary locations, are included in this authorization, show area of operation:  
Tiverton, R.I. and vicinity

5(a). Overall height above ground of:  
(1) tip of antenna 120 ft. (2) antenna supporting structure 100 ft.  
(b). Elevation of ground above mean sea level at antenna site 172 ft.

6(a) Name of Radio Service: POLICE  
(b) Class of station:  
Base  Mobile  Other

7(a) Name (see instructions):  
Town of Tiverton  
(b) Mailing address (number, street, city, state & zip code):  
Police Department  
Route 24 and Fish Road  
Tiverton, R.I. 02878

8. Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's rules?  
Yes  No

If yes, submit the required statement (See Section 1.1311 of the Commission's rules).  
If no, give explanation: Will use existing tower

9. State whether applicant is (Check one):  
Individual  Partnership  Association  Corporation  Governmental Entity

10. Is communication service to be received from or rendered to another person (see instructions)? If "Yes", name of person is \_\_\_\_\_  
Yes  No

11. (a)(1) Will applicant own the radio equipment? Yes  No   
If answer is "No", give name of owner \_\_\_\_\_  
(a)(2) If not the owner of the radio equipment, is applicant a party to a lease or other agreement under which control will be exercised in the same manner as if the equipment were owned by the applicant? Yes  No

(b) Will applicant have unlimited access to the equipment and will effective measures be taken to prevent use of the radio equipment by unauthorized persons? Yes  No

12. Attach functional system diagram showing details of proposed radio system and include such other supplementary data as required by specific rules.

13. If it is proposed to use a transmitter which does not appear on the Commission's "Radio Equipment List" or if the transmitter is listed but not designated for use in the particular radio service named in Item 6(a) of this application, describe such transmitter in detail. (See instructions)

14. Will the facilities be located on land under jurisdiction of the U.S. Forest Service or the Bureau of Land Management? (If yes, attach statement).  
Yes  No

15. Statement of eligibility:  
The transmitter will be used to provide police radio communications for the Town of Tiverton, R.I., a governmental entity. *(Use space on the reverse of this page)*

16. (a) Application for: (Check one)  
New station  Assignment of authorization  Reinstatement of expired authorization   
Modification

(b) If for modification, state modification proposed:  
See remarks

(c) If this application refers to a presently authorized station, give call sign:  
KCF295  
(d) Give points of communication (call signs):  
KCB245

(a) Are you presently authorized for any other stations in the service indicated in Item 6(a)? Yes  No

17. If antenna will be mounted on an existing antenna structure, (a) Give name of a licensee using this structure, his call sign and radio service and the current painting and lighting specifications required by the Commission for this antenna structure.

(b) If your proposed antenna will increase the height of the existing structure, give overall height above ground of the tip of the proposed antenna structure.

18(a) Will the antenna extend more than 20 feet above the ground, or more than 20 feet above the tree, natural formation or existing man-made structure (other than an antenna structure) on which it is mounted? If "Yes", answer (b), (c), (d) and (e). Yes  No   
(b) Give height above ground for each component of the antenna structure (antenna, pole, tower, water tower, mast, building, chimney, etc., or combination of these):  
Tower 100 ft  
Ant. 120 ft

(c) Distance and direction to nearest runway of nearest aircraft landing area:  
8.6 mi., 213°  
(d) Name of landing area:  
Newport State Airport

(e) Has notice of the proposed construction of the antenna structure been filed with the FAA? If "Yes", state when and the name under which it was filed and the FAA regional office where it was filed. Use space on the reverse of this page. Yes  No

All the statements made in the application and attached exhibits (to) hereof and are incorporated herein as if set out in full in the application. The applicant certifies that he has a current copy of the Commission's Rules governing the radio service named in Item 6(a) above. The applicant waives any claim to the use of any particular frequency or of the other as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. Neither applicant nor any member thereof is a foreign government or a representative thereof.

I CERTIFY that the statements in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

REMEMBER TO INCLUDE FREQUENCY COORDINATION, IF REQUIRED

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Designate appropriate classification below)

INDIVIDUAL APPLICANT  MEMBER OF APPLICANT PARTNERSHIP  OFFICER OF APPLICANT CORPORATION  OFFICER WHO IS ALSO A MEMBER OF THE APPLICANT ASSOCIATION  
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S.

USE THIS SPACE FOR ANY ADDITIONAL INFORMATION OR REMARKS

16(b) Shift frequency of dispatch operations channel to a VHF high-band channel and authorize operation of mobile units on Rhode Island State Police Emergency Radio Network (RISPERN) channel and County-wide computer voice inquiry channel.

STATEMENT OF NEED FOR ADDITIONAL FREQUENCY  
ASSIGNMENTS AS REQUIRED BY SECTION 89.309(c)(1)

The State of Rhode Island is implementing a statewide criminal justice information system (CJIS) with a depository computer. A terminal for the computer is scheduled for early installation in the communications center of the Newport City Police Department. The Newport terminal is to serve as the point of access to the CJIS for all municipalities in Newport County. All police mobile and portable units in Newport County therefore require a voice radio link to the CJIS terminal in Newport. In order to avoid interference with its dispatch operations channel, the City of Newport is requesting authorization to operate the County-wide computer voice inquiry channel on a separate frequency, 155.685 MHz. The Town of Tiverton requires authorization to operate on 155.685 MHz in order that its mobile and portable units will be able to operate on this County-wide computer voice inquiry channel.

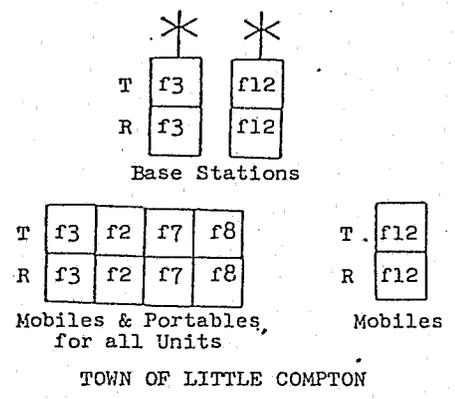
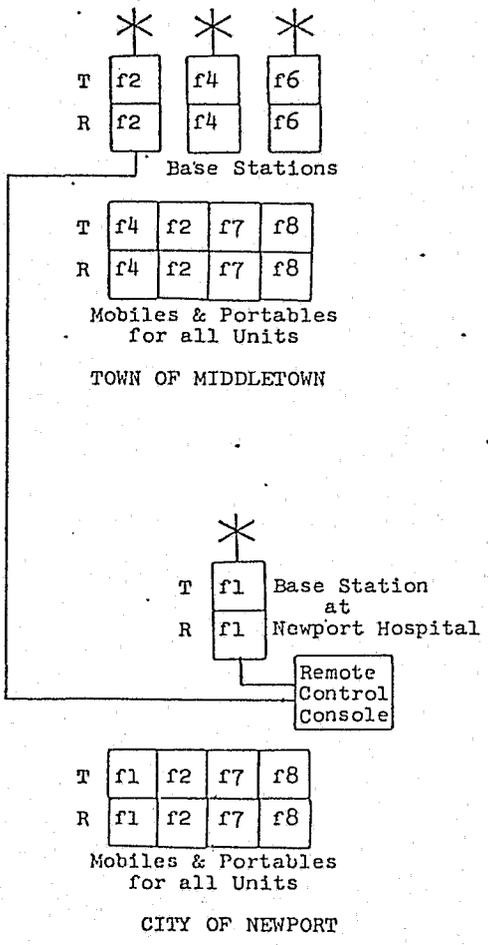
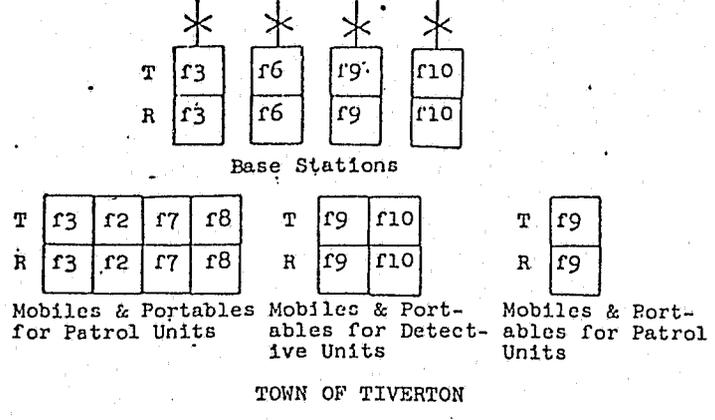
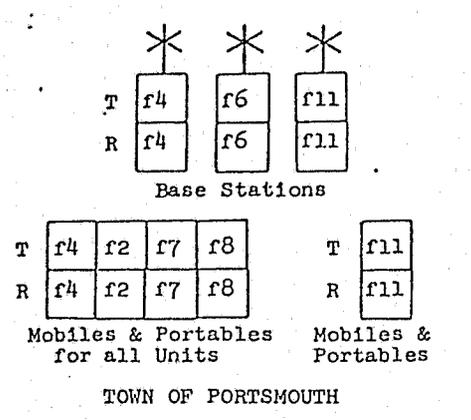
Authorization on 158.970 MHz is required because this is the existing intersystem communication channel as limited by Section 89.309(e). Authorization on 155.190 MHz is required because this has been established as the Rhode Island State Police Emergency Radio Network (RISPERN) channel. Authorization on 45.70 MHz needs to be continued because this is the existing frequency used by the detectives

(Attachment (a) to Town of Tiverton, Rhode Island application for radio station authorization, FCC Form 400)

REQUEST FOR TEMPORARY AUTHORIZATION

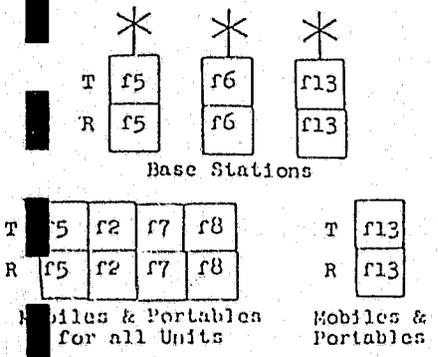
Temporary authorization is requested for the Town of Tiverton, Rhode Island Police Department to continue operating on its present Police Service frequency of 45.66 MHz until such time as its new system on the Police Service frequency of 155.730 MHz becomes completely operational.

(Attachment (b) to Town of Tiverton, Rhode Island application for radio station authorization, FCC Form 400)



-----FREQUENCY PLAN FOR NEWPORT COUNTY-----

- f1 155.415 MHz, new dispatch operations channel for Newport.
- f2 155.685 MHz, new computer voice inquiry channel for Newport and County-wide use.
- f3 155.730 MHz, new dispatch operations channel for Tiverton and Little Compton. To be released by Newport.
- f4 155.790 MHz, existing Middletown dispatch operations channel to be shared with Portsmouth.
- f5 155.580 MHz, new dispatch operations channel for Jamestown to be shared with North Kingston.
- f6 158.970 MHz, existing intersystem communications channel as limited by Section 89.309(e).
- f7 155.190 MHz, existing Rhode Island State Police Emergency Radio Network (RISPERN) channel.
- f8 Future
- f9 45.66 MHz, existing Tiverton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f10 45.70 MHz, existing Tiverton detective channel.
- f11 45.94 MHz, existing Portsmouth dispatch operations channel. To be deleted when f4 (155.790 MHz) channel becomes completely operational.
- f12 39.56 MHz, existing Little Compton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f13 39.04 MHz, existing Jamestown dispatch operations channel. To be deleted when f5 (155.580 MHz) channel becomes completely operational.





# Request for Frequency Coordination

Date February 13, 1978

POLICE RADIO SERVICE

Distribution Date to Coordinators \_\_\_\_\_

Town of Middleton, R.I.  
Applicant

(Political Sub Division — City, County, State, etc.)

9 Berkeley Ave., Middletown, Newport Rhode Island 02840 (401) 846-1104  
Mailing Address City County State Zip Code Telephone No.

9 Berkely Ave., Middletown, Newport, Rhode Island  
Station Location — Address and Land Mark City County State

Land Station Frequency/MHz	Emission	Use — (See Below)	Proposed Input Power	Antenna Gain — DB	Direction of Radiation	Antenna Ht. Above Ground (Ft.)	Ground Elev. at Ant. Site (Ft. above M.S.L.)	Area to be Covered — Sq. Mi.	Latitude	Longitude	Land Station Tone Frequency CPS (if any)	Mobile Frequency/MHz	Mobile Tone Frequency CPS (if any)	No. of Mobile Units
None	20 F3	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.100	118.8	20
None	20 F3	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	155.190	118.8	20
None	20 F3	MO	120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	20
None	20 F3	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685		

Enter proper initials in "Use" column as follows:

- FB Base
- FX Fixed
- FX1 Control
- FX2 Fixed Relay
- FX3 Repeater
- MO Mobile
- FB2 Mobile Relay
- LMO Land Mobile
- FXO Operational Fixed
- FBM Base and Mobile, stations licensed on the same frequency as base & mobile

New Application  
 Modification of License  
KCE213  
 (Call Letters)

Frequencies to be deleted:  
 \_\_\_\_\_ mc.  
 \_\_\_\_\_ mc.

REMARKS: 155.685 MHz is to be used as the County-wide computer voice inquiry channel.. 155.190 MHz is the RISPERN channel. Contact Ray Knickel, 2607 Conn. ave., N.W., Washington, D.C. 2 phone (202) 667-3100 for additional technical details.

NOTE: You are cautioned against the use of any frequency if authoriza...

United States of America  
Federal Communications Commission

AUTHORIZATION

Call Sign \_\_\_\_\_ File No. \_\_\_\_\_

1(a) Frequencies MHz	1(b) No of transmitters			1(c) Emission	1(d) Output Power Watts
	Base-Land-Fixed	Mobile	Other		
155.790	1	20		20F3	120
155.790		20		20F3	10
155.190		20		20F3	120
155.190		20		20F3	10
155.685		20		20F3	120
155.685		20		20F3	10
158.970	1			20F3	120

Antenna painting and lighting specifications:  
Special Conditions:  
  
This authorization effective \_\_\_\_\_  
and will expire 3:00 AM EST \_\_\_\_\_  
and is subject to further conditions as set forth on reverse side. If the station authorized herein is not placed in operation within eight months this authorization becomes invalid and must be returned to the Commission for cancellation unless an extension of completion date has been authorized.

Federal Communications Commission

Chief, Safety & Special Radio Services Bureau



1(e) Show No. of mobile units in each of following categories:  
Land vehicle: 20, aircraft: None, hand carried: 20, marine: None, paging: None, receivers: None

2 Location of transmitter(s) at a fixed location

Number and street (or other indication of location):  
9 Berkely Avenue

City: Middletown, County: Newport, State: R.I.

Latitude: 41 13 17 N, Longitude: 71 16 25 W

3 Location of control point(s):  
9 Berkely Avenue  
Middletown, R.I.

4. If mobile units, or other class of station at temporary locations, are included in this authorization, show area of operation.  
Middletown, R.I. & vicinity

5(a). Overall height above ground of:  
(1) tip of antenna: 45 ft., (2) antenna supporting structure: 25 ft.  
(b). Elevation of ground above mean sea level at antenna site: 181 ft.

6(a) Name of Radio Service: POLICE  
(b) Class of station:  
Base  Mobile  Other

7(a) Name (see instructions):  
Police Department  
Town of Middletown  
(b) Mailing address (number, street, city, state & zip code):  
9 Berkely Avenue  
Middletown, R.I. 02840

8. Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's rules?  
Yes  No

If yes, submit the required statement (See Section 1.1311 of the Commission's rules).  
If no, give explanation: Will use existing Ant. on Bldg.

9. State whether applicant is (Check one):  
Individual  Partnership  Association  Corporation  Governmental Entity

10. Is communication service to be received from or rendered to another person (see instructions)? If "Yes", name of person is: \_\_\_\_\_  
Yes  No

11. (a)(1) Will applicant own the radio equipment? Yes  No   
If answer is "No", give name of owner: \_\_\_\_\_  
(a)(2) If not the owner of the radio equipment, is applicant a party to a lease or other agreement under which control will be exercised in the same manner as if the equipment were owned by the applicant? Yes  No

(b) Will applicant have unlimited access to the equipment and will effective measures be taken to prevent use of the radio equipment by unauthorized persons? Yes  No

12. Attach functional system diagram showing details of proposed radio system and include such other supplementary data as required by specific rules.

13. If it is proposed to use a transmitter which does not appear on the Commission's "Radio Equipment List" or if the transmitter is listed but not designated for use in the particular radio service named in Item 6(a) of this application, describe such transmitter in detail. (See instructions)

14. Will the facilities be located on land under jurisdiction of the U.S. Forest Service or the Bureau of Land Management? (If yes, attach statement).  
Yes  No

15. Statement of eligibility:  
The transmitters will be used to provide police radio communications for the governmental entity of Middletown, R.I.  
(Use space on the reverse of this page)

16. (a) Application for: (Check one)  
New station  Assignment of authorization  Reinstatement of expired authorization   
Modification

(b) If for modification, state modification proposed:  
See remarks

(c) If this application refers to a presently authorized station, give call sign: KCE213  
(d) Give points of communication (call signs): KCB245

(e) Are you presently authorized for any other stations in the service indicated in Item 6(a)? Yes  No

17. If antenna will be mounted on an existing antenna structure, (a) Give name of a licensee using this structure, his call sign and radio service and the current painting and lighting specifications required by the Commission for this antenna structure.

(b) If your proposed antenna will increase the height of the existing structure, give overall height above ground of the tip of the proposed antenna structure.

18(a) Will the antenna extend more than 20 feet above the ground, or more than 20 feet above the tree, natural formation or existing man-made structure (other than an antenna structure) on which it is mounted? If "Yes", answer (b), (c), (d) and (e). Yes  No   
(b) Give height above ground for each component of the antenna structure (antenna, pole, tower, water tower, mast, building, chimney, etc., or combination of these). \_\_\_\_\_ ft.

(c) Distance and direction to nearest runway of nearest aircraft landing area. \_\_\_\_\_  
(d) Name of landing area: \_\_\_\_\_

(e) Has notice of the proposed construction of the antenna structure been filed with the FAA? If "Yes", state when and the name under which it was filed and the FAA regional office where it was filed. Use space on the reverse of this page. Yes  No

All the statements made in the application and attached exhibits ( inclusive) are considered material representations, and all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application. The applicant certifies that he has a current copy of the Commission's Rules governing the radio service named in Item 6(a) above. The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. Neither applicant nor any member thereof is a foreign government or a representative thereof.

I CERTIFY that the statements in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

REMEMBER TO INCLUDE FREQUENCY COORDINATION, IF REQUIRED

DO NOT WRITE IN THIS BLOCK

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Designate appropriate classification below)

INDIVIDUAL APPLICANT  MEMBER OF APPLICANT PARTNERSHIP  OFFICER OF APPLICANT CORPORATION  OFFICER WHO IS ALSO A MEMBER OF THE APPLICANT ASSOCIATION  
 OFFICIAL OF GOVERNMENTAL ENTITY  WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT, U.S. CODE, TITLE 18, SECTION 1001.

USE THIS SPACE FOR ANY ADDITIONAL INFORMATION OR REMARKS

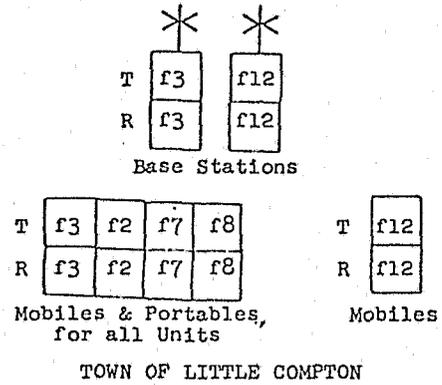
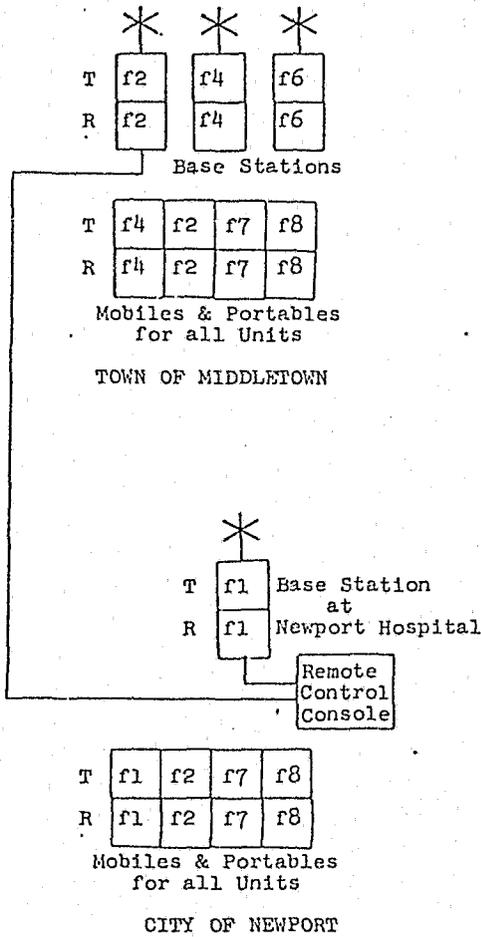
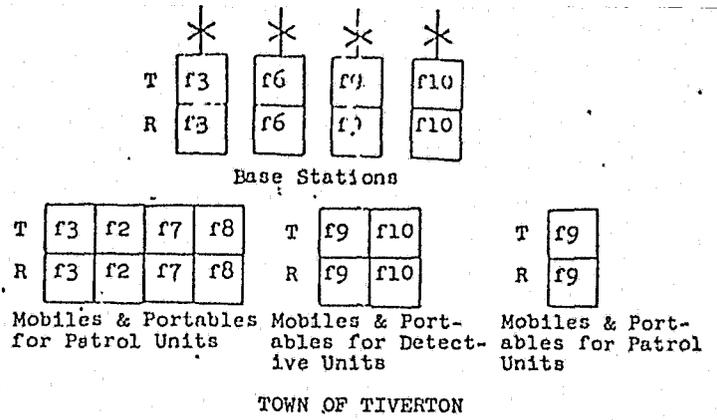
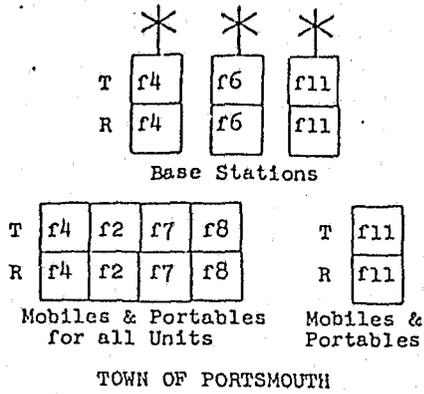
16(b) To enable operation of mobile and portable radio units on the Rhode Island State Police Emergency Radio Network (RISPERN) channel, 155.190 MHz, and to enable operation of mobile and portable radio units on the County-wide computer voice inquiry channel, 155.685 MHz.

STATEMENT OF NEED FOR ADDITIONAL FREQUENCY  
ASSIGNMENTS AS REQUIRED BY SECTION 89.309(c)(1)

Rhode Island is implementing a statewide criminal justice information system (CJIS) with a depository computer. A terminal for the computer is scheduled for early installation in the communications center of the Newport City Police Department. The Newport terminal is to serve as the point of access to the CJIS for all municipalities in Newport County. All police mobile and portable units in Newport County therefore require a voice radio link to the CJIS terminal in Newport. In order to avoid interference with its dispatch operations channel, the City of Newport is requesting authorization to operate the County-wide computer voice inquiry channel on a separate frequency, 155.685 MHz. The Town of Middletown requires authorization to operate on 155.685 MHz in order that its mobile and portable units will be able to operate on this County-wide computer voice inquiry channel.

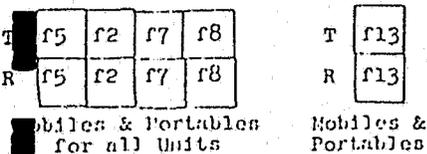
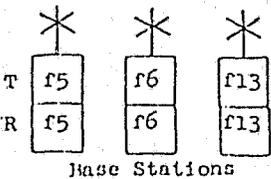
155.790 MHz will remain as the dispatch operations channel. Authorization on 158.970 MHz is required because this is the existing intersystem communication channel as limited by Section 89.309(e). Authorization on 155.190 MHz is required because this has been established as the Rhode Island State Police Emergency Radio Network (RISPERN) channel.

(Attachment to Town of Middletown, Rhode Island application for radio station authorization, FCC Form 400)



-----FREQUENCY PLAN FOR NEWPORT COUNTY-----

- f1 155.415 MHz, new dispatch operations channel for Newport.
- f2 155.685 MHz, new computer voice inquiry channel for Newport and County-wide use.
- f3 155.730 MHz, new dispatch operations channel for Tiverton and Little Compton. To be released by Newport.
- f4 155.790 MHz, existing Middletown dispatch operations channel to be shared with Portsmouth.
- f5 155.580 MHz, new dispatch operations channel for Jamestown to be shared with North Kingston.
- f6 158.970 MHz, existing intersystem communications channel as limited by Section 89.309(e).
- f7 155.190 MHz, existing Rhode Island State Police Emergency Radio Network (RISPERN) channel.
- f8 Future
- f9 45.66 MHz, existing Tiverton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f10 45.70 MHz, existing Tiverton detective channel.
- f11 45.94 MHz, existing Portsmouth dispatch operations channel. To be deleted when f4 (155.790 MHz) channel becomes completely operational.
- f12 39.56 MHz, existing Little Compton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f13 39.04 MHz, existing Jamestown dispatch operations channel. To be deleted when f5 (155.580 MHz) channel becomes completely operational.



TOWN OF JAMESTOWN

(Item 12 of FCC Form 400 - Middletown application)

# Request for Frequency Coordination

Date February 15, 1978

POLICE

RADIO SERVICE

Distribution Date to Coordinators \_\_\_\_\_

Town of Little Compton, R.I.

Applicant: Police Department, The Commons, Little Compton, Newport, Rhode Island 02837 (Political Sub Division - City, County, State, etc.)  
 Telephone No. (401) 635-4212

Station Location - Address and Land Mark: The Commons, Little Compton, Newport, Rhode Island  
 City: Little Compton County: Newport State: Rhode Island

Land Station Frequency/ies	Emission	Use - (See Below)	Proposed Input Power	Antenna Gain - DB	Direction of Radiation	Antenna Ht. Above Ground (Ft.)	Ground Elev. at Ant. Site (Ft. above M.S.L.)	Area to be Covered - Sq. Mi.	Latitude	Longitude	Land Station Tone Frequency CPS (if any)	Mobile Frequency/ies	Mobile Tone Frequency CPS (if any)	No. of Mobile Units
155.730	20 F3 FB		50	3.0	Omni	60	104	40	41°30'34"	71°10'27"	118.8	155.730	118.8	6
155.730	20 F3 MO		10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	155.730	118.8	6
155.730	20 F3 MO		120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.730	118.8	6
None	20 F3 MO		10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	0	
None	F3 MO		120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.190	118.8	0
None	20 F3 MO		10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	6	
None	F3 MO		120	2.5	Omni	DNA	DNA	40	DNA	DNA	118.8	155.685	118.8	6

Enter proper initials in "Use" column as follows:

- FB Base
- FX Fixed
- FX1 Control
- FX2 Fixed Relay
- FX3 Repeater
- MO Mobile
- FB2 Mobile Relay
- LMO Land Mobile
- FXO Operational Fixed
- FBM Base and Mobile,

stations licensed on the same frequency as base & mobile

New Application  
 Modification of License  
KQT988  
 (Call Letters)

Frequencies to be deleted  
39.56 mc.  
 \_\_\_\_\_ mc.

REMARKS: 155.730 MHz is to be the dispatch operations channel shared with Tiverton. 155.685 MHz is to be used as the County-wide computer voice inquiry channel. 155.190 MHz is the RISPERN channel. Contact Ray Knickel, 2607 Connecticut Ave., N.W., Washington, D.C. 20008, phone (202) 667-3100, for additional technical details

United States of America  
Federal Communications Commission

AUTHORIZATION

Call Sign \_\_\_\_\_ File No \_\_\_\_\_

1(a). Frequencies MHz	1(b). No. of transmitters			1(c). Emission	1(d). Output Power Watts
	Base-Land-Fixed	Mobile	Other		
155.730	1			20F3	50
155.730		6		20F3	120
155.730		6		20F3	10
155.685		6		20F3	120
155.685		6		20F3	10
155.190		6		20F3	120
155.190		6		20F3	10

Antenna painting and lighting specifications:  
Special Conditions:  
  
This authorization effective \_\_\_\_\_  
and will expire 3:00 AM EST.  
and is subject to further conditions as set forth on reverse side. If the station authorized herein is not placed in operation within eight months this authorization becomes invalid and must be returned to the Commission for cancellation unless an extension of completion date has been authorized.

Federal Communications Commission

Chief, Safety & Special Radio Services Bureau



1(e) Show No. of mobile units in each of following categories:  
Land vehicle: 6, aircraft: 0  
hand carried: 6, marine: 0, paging receivers: 0

6(a) Name of Radio Service: POLICE  
6(b) Class of station:  
Base  Mobile  Other

2 Location of transmitter(s) at a fixed location:  
Number and street for other indication of location:  
The Commons  
City: Little Compton, County: Newport, State: R.I.  
Latitude: 41 30 34 N, Longitude: 71 10 27 W

7(a) Name (see instructions):  
Town of Little Compton  
7(b) Mailing address (number, street, city, state & zip code):  
Police Department  
The Commons  
Little Compton, R.I. 02837

3 Location of control point(s):  
(1) The Commons, Little Compton  
(2) Chief's home, Maple Ave., Little Compton  
4. If mobile units, or other class of station at temporary locations, are included in this authorization, show area of operation:  
Town of Little Compton & vicinity  
5(a). Overall height above ground of:  
(1) tip of antenna: 60 ft., (2) antenna supporting structure: 50 ft.  
(b). Elevation of ground above mean sea level at antenna site: 104 ft.

8. Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's rules?  
Yes  No

16. (a) Application for: (Check one)  
New station  Assignment of authorization  Reinstatement of expired authorization   
Modification

If yes, submit the required statement (See Section 1.1311 of the Commission's rules).  
If no, give explanation: Ant. on stub mast on building

(b) If for modification, state modification proposed:  
See remarks

9. State whether applicant is (Check one)  
Individual  Partnership  Association  Corporation  Governmental Entity

(c) If this application refers to a presently authorized station, give call sign: KQT988  
(d) Give points of communication (call signs): KCB245

10. Is communication service to be received from or rendered to another person (see instructions)? If "Yes", name of person is \_\_\_\_\_  
Yes  No

(e) Are you presently authorized for any other stations in the service indicated in Item 6(a)?  
Yes  No

11. (a)(1) Will applicant own the radio equipment? Yes  No   
If answer is "No", give name of owner \_\_\_\_\_  
(a)(2) If not the owner of the radio equipment, is applicant a party to a lease or other agreement under which control will be exercised in the same manner as if the equipment were owned by the applicant? Yes  No

17. If antenna will be mounted on an existing antenna structure, (a) Give name of a licensee using this structure, his call sign and radio service and the current painting and lighting specifications required by the Commission for this antenna structure.

(b) Will applicant have unlimited access to the equipment and will effective measures be taken to prevent use of the radio equipment by unauthorized persons?  
Yes  No

(b) If your proposed antenna will increase the height of the existing structure, give overall height above ground of the tip of the proposed antenna structure.

12. Attach functional system diagram showing details of proposed radio system and include such other supplementary data as required by specific rules.

18(a) Will the antenna extend more than 20 feet above the ground, or more than 20 feet above the tree, natural formation or existing man-made structure (other than an antenna structure) on which it is mounted?  
If "Yes", answer (b), (c), (d) Yes  No   
(b) Give height above ground for each component of the antenna structure (antenna, pole, tower, water tower, mast, building, chimney, etc., or combination of these).  
Mast 50', Ant. 60'

13. If it is proposed to use a transmitter which does not appear on the Commission's "Radio Equipment List" or if the transmitter is listed but not designated for use in the particular radio service named in Item 6(a) of this application, describe such transmitter in detail (See instructions)

(c) Distance and direction to nearest runway of nearest aircraft landing area:  
5.7 mi., 295°  
(d) Name of landing area:  
Newport State Airport

14. Will the facilities be located on land under jurisdiction of the U.S. Forest Service or the Bureau of Land Management? (If yes, attach statement).  
Yes  No

15. Statement of eligibility:  
The transmitters will be used to provide radio communications for the Town of Little Compton Police Department (Use space on the reverse of this page)

(e) Has notice of the proposed construction of the antenna structure been filed with the FAA? If "Yes", state when and the name under which it was filed and the FAA regional office where it was filed. Use space on the reverse of this page.  
Yes  No

All the statements made in the application and attached exhibits (to) are considered material representations, and all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application. The applicant certifies that he has a current copy of the Commission's Rules governing the radio service named in Item 6(a) above. The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. Neither applicant nor any member thereof is a foreign government or a representative thereof.

I CERTIFY that the statements in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

REMEMBER TO INCLUDE FREQUENCY COORDINATION, IF REQUIRED

DO NOT WRITE IN THIS BLOCK

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Designate appropriate classification below)

INDIVIDUAL APPLICANT  MEMBER OF APPLICANT PARTNERSHIP  OFFICER OF APPLICANT CORPORATION  OFFICER WHO IS ALSO A MEMBER OF THE APPLICANT ASSOCIATION

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT, U.S.

USE THIS SPACE FOR ANY ADDITIONAL INFORMATION OR REMARKS

16(b) To enable operation of mobile and portable radio units on the Rhode Island State Police Emergency Radio Network (RISPERN) channel, 155.190 MHz, and to enable operation of mobile and portable units on the County-wide computer voice inquiry channel, 155.685 MHz.

STATEMENT OF NEED FOR ADDITIONAL FREQUENCY  
ASSIGNMENTS AS REQUIRED BY SECTION 89.309(c)(1)

Rhode Island is implementing a statewide criminal justice information system (CJIS) with a depository computer. A terminal for the computer is scheduled for early installation in the communications center of the Newport City Police Department. The Newport terminal is to serve as the point of access to the CJIS for all municipalities in Newport County. All police mobile and portable units in Newport County therefore require a voice radio link to the CJIS terminal in Newport. In order to avoid interference with its dispatch operations channel, the City of Newport is requesting authorization to operate the County-wide computer voice inquiry channel on a separate frequency, 155.685 MHz. The Town of Little Compton requires authorization to operate on 155.685 MHz in order that its mobile and portable units will be able to operate on this County-wide computer voice inquiry channel.

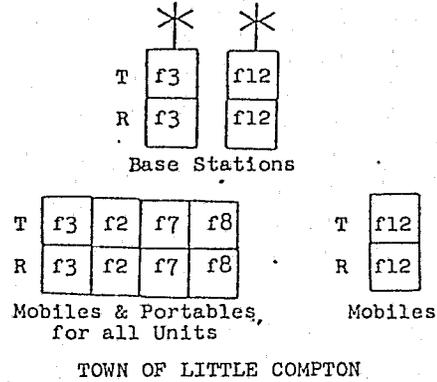
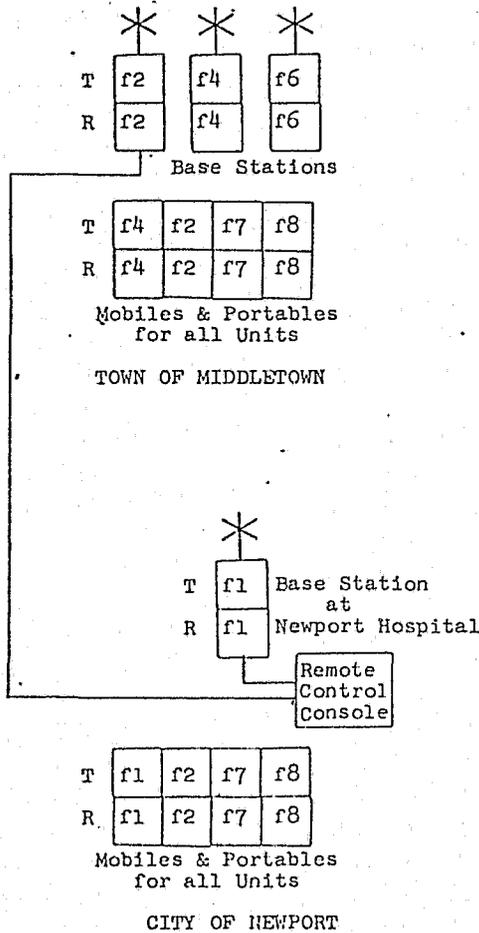
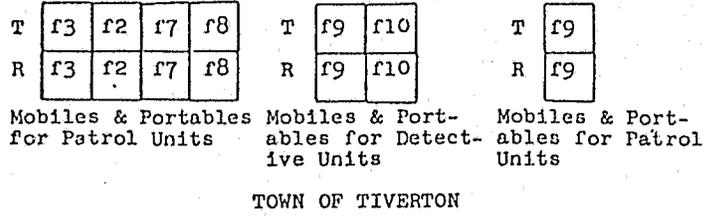
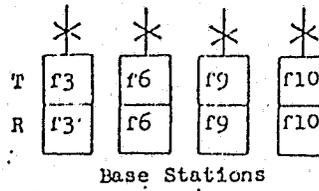
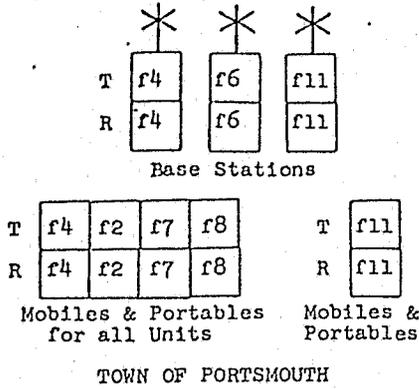
Authorization to operate mobile and portable units on 155.190 MHz is required because this has been established as the Rhode Island State Police Emergency Radio Network (RISPERN) channel.

(Attachment (a) to Town of Little Compton, Rhode Island application for radio station authorization, FCC Form 400)

REQUEST FOR TEMPORARY AUTHORIZATION

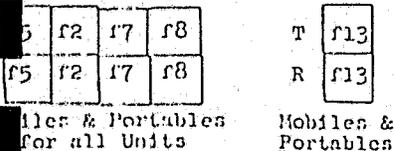
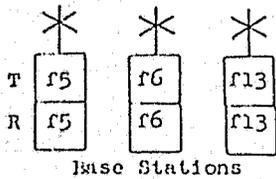
Temporary authorization is requested for the Town of Little Compton, Rhode Island Police Department to continue operating on its present Police Service frequency of 39.56 MHz until such time as its new system on the Police Service frequency of 155.730 MHz becomes completely operational.

(Attachment (b) to Town of Little Compton, Rhode Island application for radio station authorization, FCC Form 400)



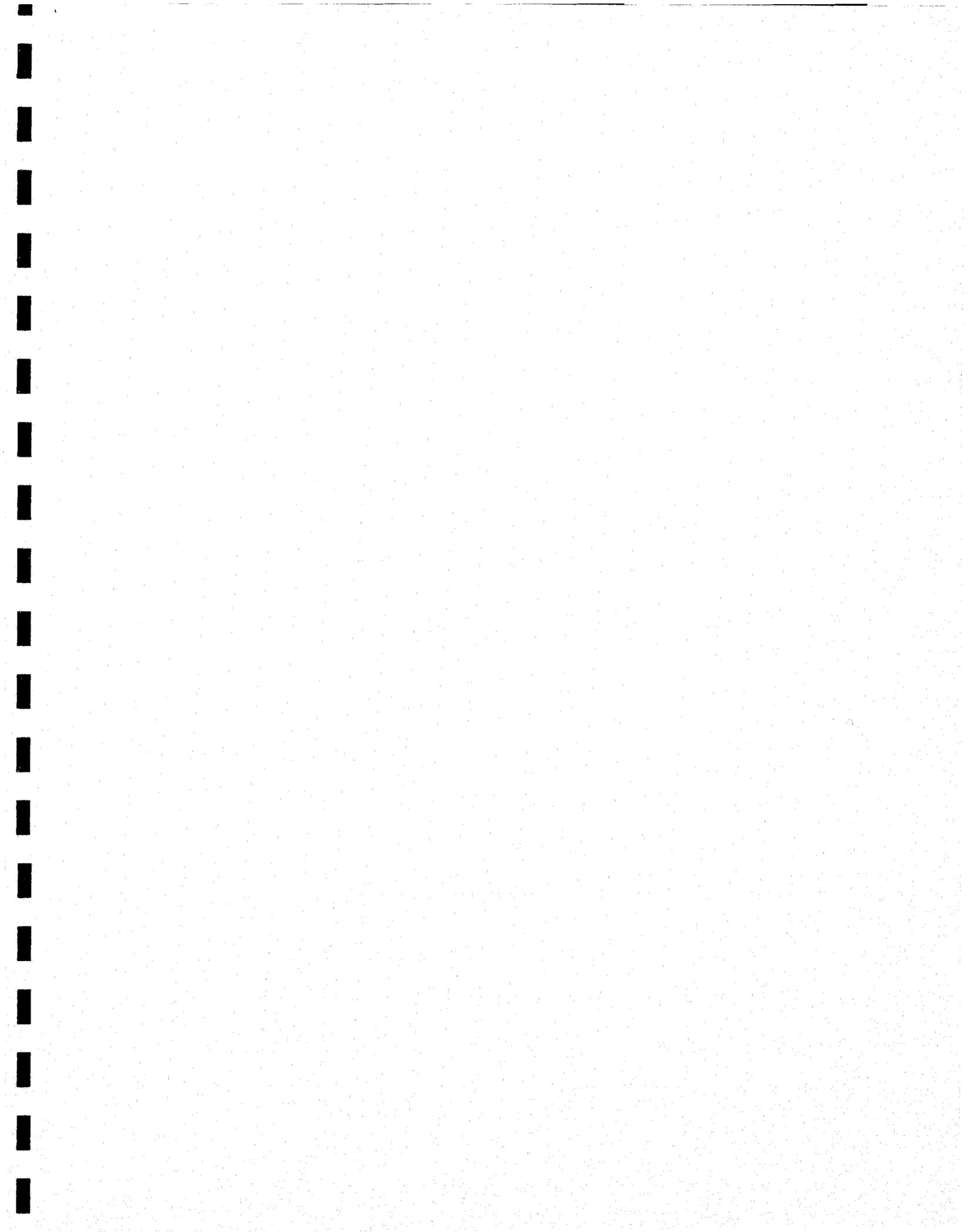
-----FREQUENCY PLAN FOR NEWPORT COUNTY-----

- f1 155.415 MHz, new dispatch operations channel for Newport.
- f2 155.685 MHz, new computer voice inquiry channel for Newport and County-wide use.
- f3 155.730 MHz, new dispatch operations channel for Tiverton and Little Compton. To be released by Newport.
- f4 155.790 MHz, existing Middletown dispatch operations channel to be shared with Portsmouth.
- f5 155.580 MHz, new dispatch operations channel for Jamestown to be shared with North Kingston.
- f6 158.970 MHz, existing intersystem communications channel as limited by Section 89.309(e).
- f7 155.190 MHz, existing Rhode Island State Police Emergency Radio Network (RISPERN) channel.
- f8 Future
- f9 45.66 MHz, existing Tiverton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f10 45.70 MHz, existing Tiverton detective channel.
- f11 45.94 MHz, existing Portsmouth dispatch operations channel. To be deleted when f4 (155.790 MHz) channel becomes completely operational.
- f12 39.56 MHz, existing Little Compton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f13 39.04 MHz, existing Jamestown dispatch operations channel. To be deleted when f5 (155.580 MHz) channel becomes completely operational.



TOWN OF JAMESTOWN

(Item 12 of FCC Form 400 - Little Compton application)



# Request for Frequency Coordination

Date February 15, 1978

POLICE RADIO SERVICE

Distribution Date to Coordinators \_\_\_\_\_

Town of Jamestown, Rhode Island

Applicant

(Political Sub Division - City, County, State, etc.)

Conanicus Avenue, Jamestown, Newport Rhode Island 02835 (401) 421-1212  
 Mailing Address City County State Zip Code Telephone No.

Conanicus Avenue, Jamestown, Newport, R.I.  
 Station Location - Address and Land Mark City County State

Land Station Frequency/ies	Emission	Use - (See Below)	Proposed OUP (put Power)	Antenna Gain - DB	Direction of Radiation	Antenna Ht. Above Ground (Ft.)	Ground Elev. at Ant. Site (Ft. above M.S.L.)	Area to be Covered - Sq. Mi.	Latitude	Longitude	Land Station Tone Frequency CPS (if any)	Mobile Frequency/ies	Mobile Tone Frequency CPS (if any)	No. of Mobile Units
155.580	F3	FB	120	5	270°	55	10	60	41°22'47"	71°22'12"	118.8	155.580	118.8	1
155.580	F3	FB	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	118.8	5
155.580	F3	FB	120	2.5	Omni	DNA	DNA	60	DNA	DNA	118.8	155.580	118.8	5
None	F3	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	118.8	5
None	F3	MO	120	2.5	Omni	DNA	DNA	60	DNA	DNA	118.8	155.190	118.8	5
None	F3	MO	10	0	Omni	DNA	DNA	40	DNA	DNA	118.8	118.8	118.8	5
None	F3	MO	120	2.5	Omni	DNA	DNA	60	DNA	DNA	118.8	155.685	118.8	5

Enter proper initials in "Use" column as follows:

- FB Base
- FX Fixed
- FX1 Control
- FX2 Fixed Relay
- FX3 Repeater
- MO Mobile
- FB2 Mobile Relay
- LMO Land Mobile
- FXO Operational Fixed
- FBM Base and Mobile, stations licensed on the same frequency as base & mobile

New Application

Modification of License

Frequencies to be deleted \_\_\_\_\_ mc.

KLK534

(Call Letters)

\_\_\_\_\_ mc.

155.580 MHz is used as the dispatch operations channel by the Town of North Kingstown. The Jamestown and North Kingstown police departments coordinate their activities very closely. For instance, prisoners picked up in Jamestown are taken to North Kingstown for incarceration.

REMARKS: Consequently, the Jamestown base station has requirements for transmitting to the North Kingstown mobile units and the Jamestown mobile units have requirements for transmitting to the North Kingstown base station. 155.685 MHz is to be used as the County-wide computer voice inquiry channel. 155.190 MHz is the RISPERN channel. Contact Ray Knickel, 2607 Connecticut Ave., N.W., Washington, D.C. 20008, phone (202) 667-3100, for additional technical details.

United States of America  
Federal Communications Commission

AUTHORIZATION

Call Sign \_\_\_\_\_ File No \_\_\_\_\_

1(a) Frequencies MHz	1(b) No. of transmitters			1(c) Emission	1(d) Output Power Watts
	Base-Land-Fixed	Mobile	Other		
158.970	1			20F3	120
39.04	1	7		20F3	75
155.580	1	5		20F3	120
155.580		5		20F3	10
155.190		5		20F3	120
155.190		5		20F3	10
155.685		5		20F3	120
155.685		5		20F3	10

Antenna painting and lighting specifications:  
Special Conditions:

This authorization effective \_\_\_\_\_

and will expire 3:00 AM EST.

and is subject to further conditions as set forth on reverse side. If the station authorized herein is not placed in operation within eight months this authorization becomes invalid and must be returned to the Commission for cancellation unless an extension of completion date has been authorized.

Federal Communications Commission

Chief, Safety & Special Radio Services Bureau



11(a) Show No. of mobile units in each of following categories:  
Land vehicle \_\_\_\_\_ 10 \_\_\_\_\_ aircraft \_\_\_\_\_ 0  
hand carried \_\_\_\_\_ 7 \_\_\_\_\_ marine \_\_\_\_\_ 0 \_\_\_\_\_ paging \_\_\_\_\_ 0  
receivers \_\_\_\_\_ 0

2 Location of transmitter(s) at a fixed location

Number and street (or other indication of location)  
**Conanicus Avenue**

City **Jamestown** County **Newport** State **R.I.**

Latitude **41 29 47 N** Longitude **71 22 02 W**

3 Location of control point(s)  
**Same as transmitter**

4. If mobile units, or other class of station at temporary locations, are included in this authorization, show area of operation.  
**Jamestown, R.I. and vicinity**

5(a). Overall height above ground of  
(1) tip of antenna **55 ft.** (2) antenna supporting structure **55 ft.**

(b). Elevation of ground above mean sea level at antenna site **10 ft.**

6(a) Name of Radio Service **POLICE**  
(b) Class of station:  
Base  Mobile  Other

7(a) Name (see instructions)

**Town of Jamestown**  
(b) Mailing address (number, street, city, state & zip code)  
**Police Department  
Conanicus Avenue  
Jamestown, R.I. 02835**

8. Would a Commission grant of this application be a major action as defined by Section 1.1305 of the Commission's rules?  
Yes  No

If yes, submit the required statement (See Section 1.1311 of the Commission's rules).  
If no, give explanation. **Mounted on pole guyed to Bldg.**

9. State whether applicant is (Check one)  
Individual  Partnership  Association  Corporation  Governmental Entity

10. Is communication service to be received from or rendered to another person (see instructions)? If "Yes", name of person is \_\_\_\_\_  
Yes  No

11. (a)(1) Will applicant own the radio equipment? Yes  No   
If answer is "No", give name of owner \_\_\_\_\_  
(a)(2) If not the owner of the radio equipment, is applicant a party to a lease or other agreement under which control will be exercised in the same manner as if the equipment were owned by the applicant? Yes  No

(b) Will applicant have unlimited access to the equipment and will effective measures be taken to prevent use of the radio equipment by unauthorized persons? Yes  No

12. Attach functional system diagram showing details of proposed radio system and include such other supplementary data as required by specific rules.

13. If it is proposed to use a transmitter which does not appear on the Commission's "Radio Equipment List" or if the transmitter is listed but not designated for use in the particular radio service named in Item 6(a) of this application, describe such transmitter in detail. (See instructions)

14. Will the facilities be located on land under jurisdiction of the U.S. Forest Service or the Bureau of Land Management? (If yes, attach statement).  
Yes  No

15. Statement of eligibility **The transmitters will be used to provide police radio communications for the Town of Jamestown, a governmental entity.**  
(Use space on the reverse of this page)

16. (a) Application for: (Check one)  
New station  Assignment of authorization  Reinstatement of expired authorization   
Modification

(b) If for modification, state modification proposed  
**See remarks**

(c) If this application refers to a presently authorized station, give call sign  
**KLK534**

(d) Give points of communication (call signs)  
**KCB245  
KCB259**

(e) Are you presently authorized for any other stations in the service indicated in Item 6(a)?  
Yes  No

17. If antenna will be mounted on an existing antenna structure, (a) Give name of a licensee using this structure, his call sign and radio service and the current painting and lighting specifications required by the Commission for this antenna structure.

(b) If your proposed antenna will increase the height of the existing structure, give overall height above ground of the tip of the proposed antenna structure.

18(a) Will the antenna extend more than 20 feet above the ground, or more than 20 feet above the tree, natural formation or existing man-made structure (other than an antenna structure) on which it is mounted? If "Yes", answer (b), (c), (d) Yes  No

(b) Give height above ground for each component of the antenna structure (antenna, pole, tower, water tower, mast, building, chimney, etc., or combination of these). \_\_\_\_\_ ft

(c) Distance and direction to nearest runway of nearest aircraft landing area.

(d) Name of landing area \_\_\_\_\_

(a) Has notice of the proposed construction of the antenna structure been filed with the FAA? If "Yes", state when and the name under which it was filed and the FAA regional office where it was filed. Use space on the reverse of this page. Yes  No

All the statements made in the application and attached exhibits (inclusive) are considered material representations, and all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application. The applicant certifies that he has a current copy of the Commission's Rules governing the radio service named in Item 6(a) above. The applicant waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. Neither applicant nor any member thereof is a foreign government or a representative thereof.

I CERTIFY that the statements in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

REMEMBER TO INCLUDE FREQUENCY COORDINATION, IF REQUIRED

DO NOT WRITE IN THIS BLOCK

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Designate appropriate classification below)

INDIVIDUAL APPLICANT  MEMBER OF APPLICANT PARTNERSHIP  OFFICER OF APPLICANT CORPORATION  OFFICER WHO IS ALSO A MEMBER OF THE APPLICANT ASSOCIATION  
 OFFICIAL OF GOVERNMENTAL ENTITY

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE TITLE 18, SECTION 1001

USE THIS SPACE FOR ANY ADDITIONAL INFORMATION OR REMARKS

16(b) To enable operation on 155.580 MHz, the channel utilized by the neighboring town of North Kingstown and with which close coordination of police activities is required, to enable operation of mobile and portable radio units on the Rhode Island State Police Emergency Radio Network (RISPERN) channel, 155.190 MHz, and to enable operation of mobile and portable units on the County-wide computer voice inquiry channel, 155.685 MHz.

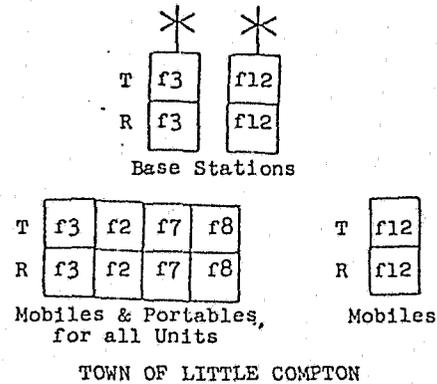
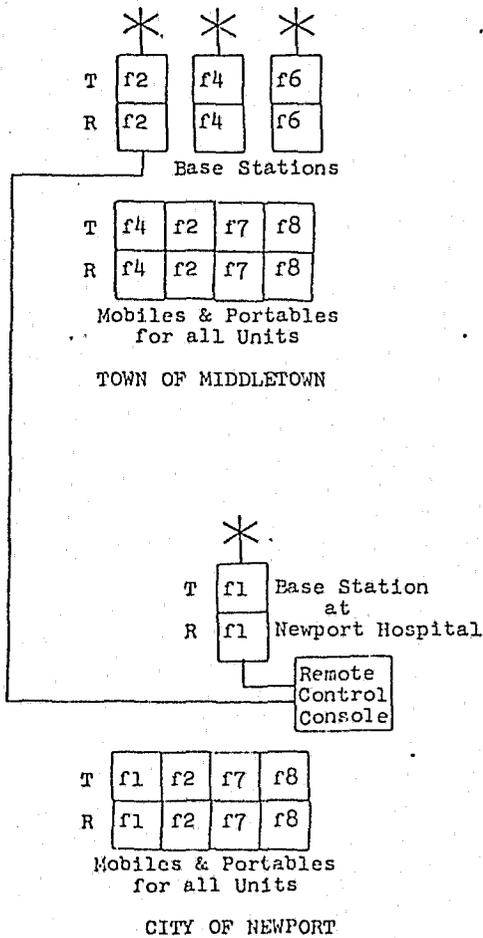
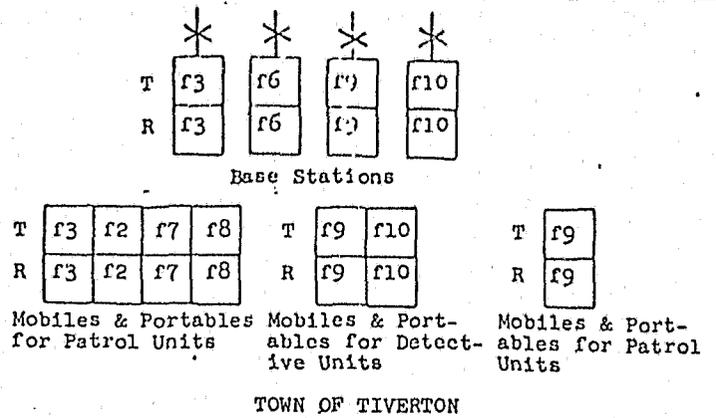
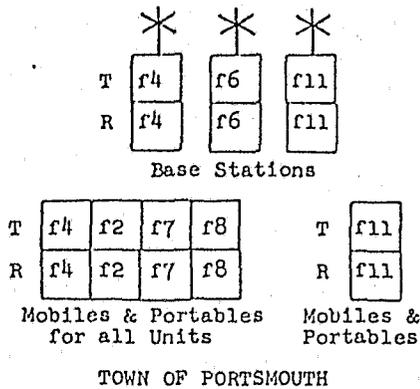
STATEMENT OF NEED FOR ADDITIONAL FREQUENCY  
ASSIGNMENTS AS REQUIRED BY SECTION 89.309(c)(1)

Rhode Island is implementing a statewide criminal justice information system (CJIS) with a depository computer. A terminal for the computer is scheduled for early installation in the communications center of the Newport City Police Department. The Newport terminal is to serve as the point of access to the CJIS for all municipalities in Newport County. All police mobile and portable units in Newport County therefore require a voice radio link to the CJIS terminal in Newport. In order to avoid interference with its dispatch operations channel, the City of Newport is requesting authorization to operate the County-wide computer voice inquiry channel on a separate frequency, 155.685 MHz. The Town of Jamestown requires authorization to operate on 155.685 MHz in order that its mobile and portable units will be able to operate on this County-wide computer voice inquiry channel.

Authorization on 158.970 MHz is required because this is the existing intersystem communication channel as limited by Section 89.309(e). Authorization on 155.190 MHz is required because this has been established as the Rhode Island State Police Emergency Radio Network (RISPERN) channel.

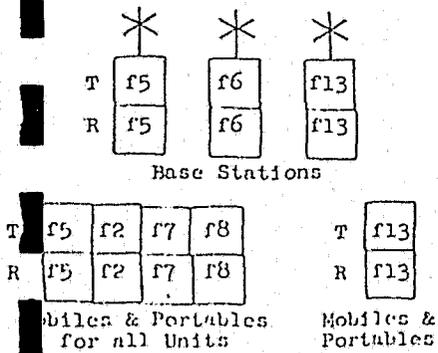
155.580 MHz is used as the dispatch operations channel by the Town of North Kingstown, which neighbors Jamestown. The Jamestown and North Kingstown police departments coordinate their activities very closely. For instance, prisoners picked up in Jamestown are transported to North Kingstown for incarceration. Consequently, the Jamestown base station has requirements for transmitting to the North Kingstown mobile units and the Jamestown mobile units have requirements for transmitting to the North Kingstown base station.

(Attachment to Town of Jamestown, Rhode Island application for radio station authorization, FCC Form 400)

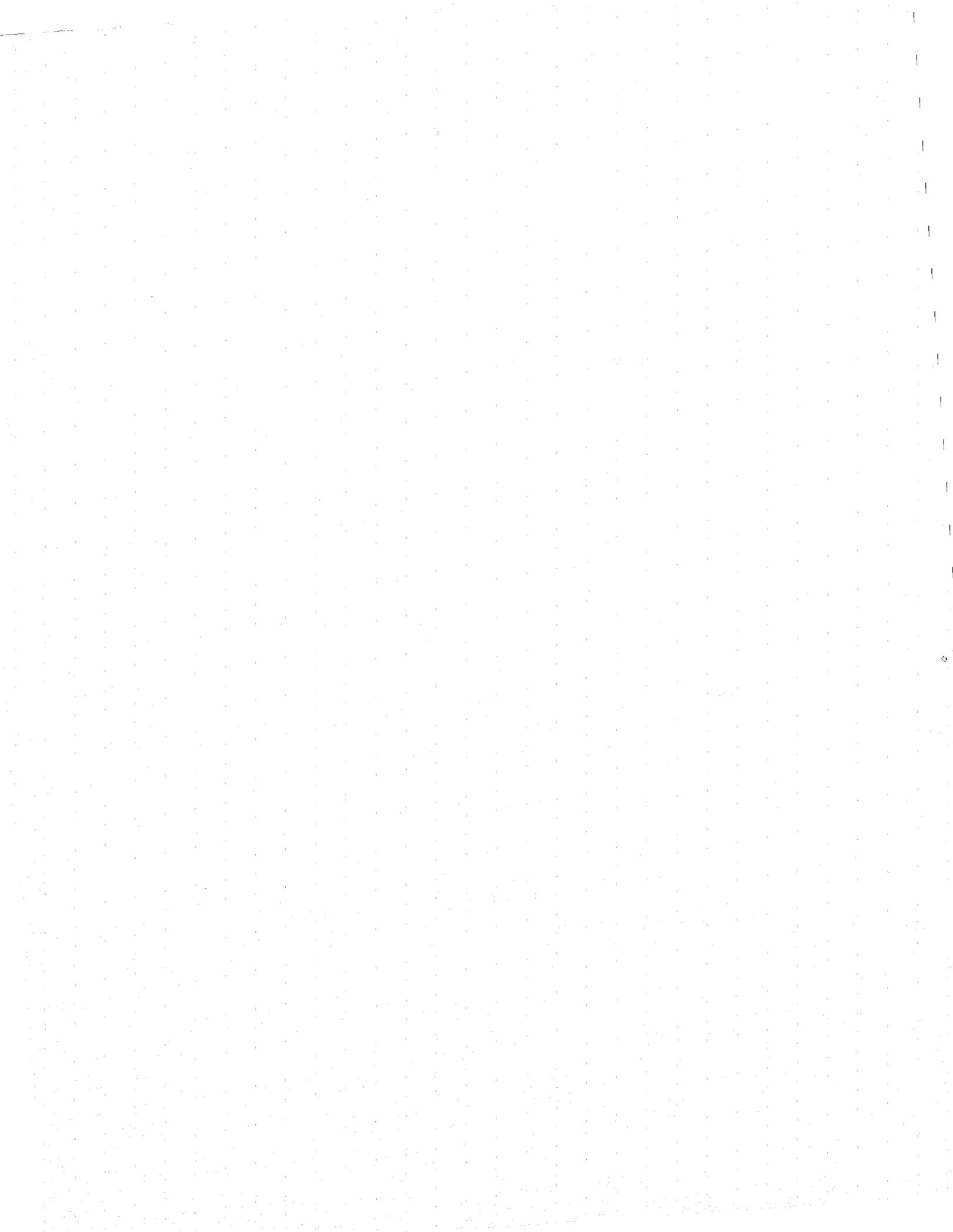


-----FREQUENCY PLAN FOR NEWPORT COUNTY-----

- f1 155.415 MHz, new dispatch operations channel for Newport.
- f2 155.685 MHz, new computer voice inquiry channel for Newport and County-wide use.
- f3 155.730 MHz, new dispatch operations channel for Tiverton and Little Compton. To be released by Newport.
- f4 155.790 MHz, existing Middletown dispatch operations channel to be shared with Portsmouth.
- f5 155.580 MHz, new dispatch operations channel for Jamestown to be shared with North Kingston.
- f6 158.970 MHz, existing intersystem communications channel as limited by Section 89.309(e).
- f7 155.190 MHz, existing Rhode Island State Police Emergency Radio Network (RISPERN) channel.
- f8 Future
- f9 45.66 MHz, existing Tiverton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f10 45.70 MHz, existing Tiverton detective channel.
- f11 45.94 MHz, existing Portsmouth dispatch operations channel. To be deleted when f4 (155.790 MHz) channel becomes completely operational.
- f12 39.56 MHz, existing Little Compton dispatch operations channel. To be deleted when f3 (155.730 MHz) channel becomes completely operational.
- f13 39.04 MHz, existing Jamestown dispatch operations channel. To be deleted when f5 (155.580 MHz) channel becomes completely operational.



(Item 12 of FCC Form 400 - Jamestown application)



**END**