

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WJ9XEE

(Call Sign)

XT FX MO

(Class of Station)

1198-EX-ST-2015

(File Number)

NAME Milford Area Communications Center

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The main purpose of the operation is testing. There is no commercial activity taking place as part of this testing.

Station Locations

- (1) Milford (HILLSBOROUGH), NH - NL 42-50-09; WL 71-38-56
- (2) Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05
- (3) Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21
- (4) Wilton (HILLSBOROUGH), NH - NL 42-51-50; WL 71-44-15
- (5) Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50
- (6) Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05
- (7) Milford (HILLSBOROUGH), NH - NL 42-50-36; WL 71-39-48
- (8) MOBILE: Wilton and adjacent towns from police vehicle., within 12 km, centered around NL 42-50-24; WL 71-44-12
- (9) MOBILE: Milford and adjacent towns from police vehicle., within 12 km, centered around NL 42-49-07; WL 71-40-37
- (10) Milford (HILLSBOROUGH), NH - NL 42-50-09; WL 71-38-56
- (11) Milford (HILLSBOROUGH), NH - NL 42-50-09; WL 71-38-56
- (12) Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05
- (13) Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05
- (14) Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21
- (15) Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21
- (16) Wilton (HILLSBOROUGH), NH - NL 42-51-50; WL 71-44-15
- (17) Wilton (HILLSBOROUGH), NH - NL 42-51-50; WL 71-44-15
- (18) Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50

This authorization effective December 09, 2015 and
will expire 3:00 A.M. EST June 10, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (19) Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50
- (20) Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05
- (21) Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05
- (22) Milford (HILLSBOROUGH), NH - NL 42-50-36; WL 71-39-48
- (23) Milford (HILLSBOROUGH), NH - NL 42-50-36; WL 71-39-48
- (24) Wilton (HILLSBOROUGH), NH - NL 42-47-23; WL 71-46-30
- (25) Wilton (HILLSBOROUGH), NH - NL 42-47-02; WL 71-45-50
- (26) Wilton (HILLSBOROUGH), NH - NL 42-51-00; WL 71-44-09

Frequency Information

Milford (HILLSBOROUGH), NH - NL 42-50-09; WL 71-38-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	

Frequency Information

Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-51-50; WL 71-44-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	

Frequency Information

Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-50-36; WL 71-39-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

MOBILE: Wilton and adjacent towns from police vehicle., within 12 km, centered around NL 42-50-24; WL 71-44-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	10M0F9W	0.5 W (Output Power)	
788-798 MHz	MO	10M0F9W	0.5 W (Output Power)	

MOBILE: Milford and adjacent towns from police vehicle., within 12 km, centered around NL 42-49-07; WL 71-40-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	MO	10M0F9W	0.5 W (Output Power)	

Frequency Information

MOBILE: Milford and adjacent towns from police vehicle., within 12 km, centered around NL 42-49-07; WL 71-40-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	MO	10M0F9W	0.5 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-50-09; WL 71-38-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-50-09; WL 71-38-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	

Frequency Information

Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-48-15; WL 71-38-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	

Frequency Information

Mont Vernon (HILLSBOROUGH), NH - NL 42-53-22; WL 71-40-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-51-50; WL 71-44-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-51-50; WL 71-44-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	

Frequency Information

Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-49-02; WL 71-44-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	

Frequency Information

Wilton (HILLSBOROUGH), NH - NL 42-48-03; WL 71-47-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-50-36; WL 71-39-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Milford (HILLSBOROUGH), NH - NL 42-50-36; WL 71-39-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-47-23; WL 71-46-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	80 W (Output Power)	

Frequency Information

Wilton (HILLSBOROUGH), NH - NL 42-47-23; WL 71-46-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	80 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-47-02; WL 71-45-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Wilton (HILLSBOROUGH), NH - NL 42-51-00; WL 71-44-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	20 W (Output Power)	
788-798 MHz	FX	10M0F9W	20 W (Output Power)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Applicant project limited to proof of concept demonstrations and testing and will not involve live-duty operations to protect life, property, or safety.
- (4) Applicant must accept interference from any other user of Band 14 and all operations by Applicant will be on a secondary basis.

Special Conditions:

- (5) Applicant must verify that there is no current potential for interference with FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
- (6) Applicant agrees that FirstNet has the right to monitor its operations.
- (7) Applicant agrees to cease operations at request of FirstNet immediately upon receipt of request to kill switch POC until such time, as determined by FirstNet, that project may continue.
- (8) The stop buzzer point-of-contact is Mr. Steve Kropper at (617) 306-9312.