

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XPC

(Call Sign)

0057-EX-CR-2019

(File Number)

NAME _____ County of Oneida

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) Rome (ONEIDA), NY - NL 43-13-36; WL 75-24-22
- (2) Oriskany (ONEIDA), NY - NL 43-09-18; WL 75-22-36
- (3) Western (ONEIDA), NY - NL 43-20-32; WL 75-25-16
- (4) Steuben (ONEIDA), NY - NL 43-22-13; WL 75-17-03
- (5) Kirkland (ONEIDA), NY - NL 43-02-13; WL 75-26-48
- (6) Florence (ONEIDA), NY - NL 43-24-46; WL 75-40-48

Frequency Information

Rome (ONEIDA), NY - NL 43-13-36; WL 75-24-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M0V1D	160 W (ERP)	

This authorization effective December 31, 2018 and
will expire 3:00 A.M. EST January 01, 2022

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COMMUNICATIONS
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Frequency Information

Oriskany (ONEIDA), NY - NL 43-09-18; WL 75-22-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M0V1D	160 W (ERP)	

Western (ONEIDA), NY - NL 43-20-32; WL 75-25-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M0V1D	160 W (ERP)	

Steuben (ONEIDA), NY - NL 43-22-13; WL 75-17-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M0V1D	160 W (ERP)	

Kirkland (ONEIDA), NY - NL 43-02-13; WL 75-26-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M0V1D	160 W (ERP)	

Frequency Information

Florence (ONEIDA), NY - NL 43-24-46; WL 75-40-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	27M0V1D	160 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) THIS AUTHORIZATION WAS COORDINATED PRIOR TO AUTHORIZATION WITH FAA HEADQUARTERS, 800 INDEPENDENCE AVENUE, S.W., WASHINGTON, D.C. 20591. PHONE: 202-267-8699. LICENSEE MUST ADHERE TO ALL PRIOR AGREED REQUIREMENTS AND CONDITIONS.
- (4) LICENSEE SHALL REDUCE POWER TO THE LOWEST VALUE NEEDED FOR THE SURVEILLANCE RANGE.
- (5) LICENSEE SHALL ENSURE THE SYSTEM DOES NOT USE ACTIVE INTERROGATIONS TO OBTAIN INFORMATION THAT CAN BE OBTAINED PASSIVELY.
- (6) LICENSEE SHALL ENSURE THE SYSTEM DOES NOT TRANSMIT ANY MODE S ALL-CALL INTERROGATIONS. IN ADDITION, THE PROPONENT SHALL MANAGE THE NUMBER OF INTERROGATIONS FROM ALL 6 SITES SO THAT THEY DO NOT ELICIT (a) MORE THAN 10 REPLIES PER SECOND FROM ANY AIRCRAFT (b) OCCUPY MORE THAN ONE-QUARTER OF ONE PERCENT OF ANY ATCRBS TRANSPONDERS AVAILABILITY (c) OCCUPY MORE THAN THREE-QUARTERS OF ONE PERCENT OF ANY MODE S TRANSPONDERS AVAILABILITY. THE PROPONENT SHOULD BE AWARE THAT THE AGGREGATE OF ALL MULTILATERATION SYSTEMS MAY NOT OCCUPY MORE THAN TWO PERCENT OF ANY TRANSPONDERS AVAILABILITY.
- (7) EXPERIMENTAL OPERATIONS TO INVESTIGATE GROUND BASED UAS DETECT AND AVOID SYSTEMS. SHALL NOT BE USED TO PROVIDE AIRCRAFT SEPARATION OR TO KEEP UAS WELL CLEAR OF OTHER AIRCRAFT. SHALL NOT BE SENT TO OR DISPLAYED IN ANY AIR TRAFFIC CONTROL FACILITY, INCLUDING THE GRIFFIS AIRPORT TOWER. SHALL NOT BE USED TO ELIMINATE REQUIREMENTS FOR CHASE AIRCRAFT.