

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

EXPERIMENTAL

(Nature of Service)

WI2XJP

(Call Sign)

XT FX MO

(Class of Station)

0254-EX-PL-2016

(File Number)

NAME Warren H. Ziegler

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) Wayland (MIDDLESEX), MA - NL 42-21-55; WL 71-20-08; MOBILE: Within 250km of 157 Plain Rd Wayland, MA, within 250 km
- (2) Stow (MIDDLESEX), MA - NL 42-27-45; WL 71-31-00
- (3) Penn Yan (YATES), NY - NL 42-40-05; WL 77-04-28
- (4) Fryeburg (OXFORD), ME - NL 44-01-13; WL 70-58-32; MOBILE: Within 150 km radius of Fryeburg, ME, within 150 km
- (5) Victor (ONTARIO), NY - NL 42-55-47; WL 77-27-00
- (6) East Fallowfield (CHESTER), PA - NL 39-56-36; WL 75-50-40

Frequency Information

Wayland (MIDDLESEX), MA - NL 42-21-55; WL 71-20-08; MOBILE: Within 250km of 157 Plain Rd Wayland, MA, within 250 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX		2 kW (ERP)	
		150HA1A		
		2K60G7E		
		10K0G7E		
		10K0D7E		
		10K0H3E		
		10K0R3E		
		5K00J3F		
		5K00J3C		

This authorization effective July 15, 2016 and
will expire 3:00 A.M. EST July 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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4.75-4.85 MHz	FX	10K0G2F 10K0G2C 15K0D7F 3K50J3E 20K0D7E	2 kW (ERP)	
4.75-4.85 MHz	MO	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 3K50J3E 20K0D7E	2 kW (ERP)	
5.005-5.06 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 3K50J3E	2 kW (ERP)	

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5.005-5.06 MHz	MO	150HA1A 10K0G7E 2K60G7E 10K0D7E 10K0H3E 10K0R3E 5K00J3F 10K0G2F 10K0G2C 15K0D7F 3K50J3E 20K0D7E	2 kW (ERP)	
6.765-7 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 3K50J3E 20K0D7E	2 kW (ERP)	
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9.9-9.995 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 5K00J3F 10K0G2F 10K0G2C 15K0D7F 3K50J3E 20K0D7E	2 kW (ERP)	
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Stow (MIDDLESEX), MA - NL 42-27-45; WL 71-31-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	

5.005-5.06 MHz	FX	150HA1A 2K60G7E 5K00J3F 10K0D7E 10K0H3E 10K0R3E 3K50J3E 10K0G7E 5K00J3C 10K0G2F	2 kW (ERP)	
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5.005-5.06 MHz	FX	10K0G2C 15K0D7F	2 kW (ERP)	
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9.9-9.995 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	

Frequency Information

Penn Yan (YATES), NY - NL 42-40-05; WL 77-04-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX	20K0D7E 150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	
5.005-5.06 MHz	FX	20K0D7E 150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 5K00G2F 10K0G2C 15K0D7F	2 kW (ERP)	
6.765-7 MHz	FX	20K0D7E 150HA1A 2K60G7E 10K0G7E 10K0D7E	2 kW (ERP)	

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9.9-9.995 MHz	FX	10K0R3E 3K50J3E 3K50J3E 10K0G2F 5K00J3C 5K00J3F 10K0G2C 15K0D7F 20K0D7E 150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E	2 kW (ERP)	

Fryeburg (OXFORD), ME - NL 44-01-13; WL 70-58-32; MOBILE: Within 150 km radius of Fryeburg, ME, within 150 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E	2 kW (ERP)	

Frequency Information

Fryeburg (OXFORD), ME - NL 44-01-13; WL 70-58-32; MOBILE: Within 150 km radius of Fryeburg, ME, within 150 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX	10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	
4.75-4.85 MHz	MO	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	
5.005-5.06 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C	2 kW (ERP)	

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5.005-5.06 MHz	MO	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	
6.765-7 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 3K50J3E 10K0R3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	

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6.765-7 MHz	FX	20K0D7E	2 kW (ERP)	
6.765-7 MHz	MO	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	
9.9-9.995 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	
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Victor (ONTARIO), NY - NL 42-55-47; WL 77-27-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	
5.005-5.06 MHz	FX	150HA1A 2K60G7E	2 kW (ERP)	

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Victor (ONTARIO), NY - NL 42-55-47; WL 77-27-00

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5.005-5.06 MHz	FX	10K0G7E	2 kW (ERP)	
		10K0D7E		
		10K0H3E		
		10K0R3E		
		3K50J3E		
		5K00J3F		
		5K00J3C		
		10K0G2F		
		10K0G2C		
		15K0D7F		
		20K0D7E		
6.765-7 MHz	FX	150HA1A	2 kW (ERP)	
		2K60G7E		
		10K0G7E		
		10K0D7E		
		10K0H3E		
		10K0R3E		
		3K50J3E		
		5K00J3F		
		5K00J3C		
		10K0G2F		
		10K0G2C		
		15K0D7F		
		20K0D7E		
9.9-9.995 MHz	FX	150HA1A	2 kW (ERP)	
		2K60G7E		
		10K0G7E		
		10K0H3E		
		10K0R3E		
		3K50J3E		
		5K00J3F		

Frequency Information

Victor (ONTARIO), NY - NL 42-55-47; WL 77-27-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.9-9.995 MHz	FX	5K00J3C 10K0G2F 10K0G2C 15K0D7F 20K0D7E	2 kW (ERP)	

East Fallowfield (CHESTER), PA - NL 39-56-36; WL 75-50-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.75-4.85 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	
5.005-5.06 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C	2 kW (ERP)	

Frequency Information

East Fallowfield (CHESTER), PA - NL 39-56-36; WL 75-50-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.005-5.06 MHz	FX	10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	
6.765-7 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	
9.9-9.995 MHz	FX	150HA1A 2K60G7E 10K0G7E 10K0D7E 10K0H3E 10K0R3E 3K50J3E 5K00J3F 5K00J3C 10K0G2F 10K0G2C 15K0D7F	2 kW (ERP)	