

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

EXPERIMENTAL

(Nature of Service)

XR FX MO

(Class of Station)

WI2XUH

(Call Sign)

0288-EX-CM-2020

(File Number)

NAME Woods Hole Oceanographic Institution

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(d) of the Commission's Rules

Station Locations

- (1) Nantucket (NANTUCKET), MA - NL 41-14-30; WL 70-06-20
- (2) Westport, MA; MOBILE: Southeastern Massachusetts, within 100 km, centered around NL 41-34-13; WL 70-04-36
- (3) Chilmark (DUKES), MA - NL 41-18-22; WL 70-46-05
- (4) Provincetown (BARNSTABLE), MA - NL 42-04-43; WL 70-13-13
- (5) Marshfield (PLYMOUTH), MA - NL 42-09-29; WL 70-42-18
- (6) Gloucester (ESSEX), MA - NL 42-35-20; WL 70-39-08
- (7) Salisbury (ESSEX), MA - NL 42-49-49; WL 70-48-54
- (8) West Tisbury (DUKES), MA - NL 41-20-56; WL 70-38-24
- (9) Narragansett (WASHINGTON), RI - NL 41-26-46; WL 71-26-00

Frequency Information

Nantucket (NANTUCKET), MA - NL 41-14-30; WL 70-06-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.15 MHz	FX	100KF1N	30 W (ERP)	

This authorization effective February 18, 2021 and
will expire 3:00 A.M. EST March 29, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Westport, MA; MOBILE: Southeastern Massachusetts, within 100 km, centered around NL 41-34-13; WL 70-04-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.15 MHz	FX	100KF1N	30 W (ERP)	0.07 %

Chilmark (DUKES), MA - NL 41-18-22; WL 70-46-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25.55 MHz	FX	100KF1N	80 W (ERP)	0.001 %

Provincetown (BARNSTABLE), MA - NL 42-04-43; WL 70-13-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.463 MHz	FX	50K0F1N	80 W (ERP)	0.001 %
13.15 MHz	FX	100KF1N	80 W (ERP)	0.001 %

Marshfield (PLYMOUTH), MA - NL 42-09-29; WL 70-42-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.55 MHz	FX	200KF1N	80 W (ERP)	0.001 %
26.3 MHz	FX	200KF1N	80 W (ERP)	0.001 %

Frequency Information

Gloucester (ESSEX), MA - NL 42-35-20; WL 70-39-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.5 MHz	FX	100KF1N	80 W (ERP)	0.001 %

Salisbury (ESSEX), MA - NL 42-49-49; WL 70-48-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.463 MHz	FX	50K0F1N	80 W (ERP)	0.001 %

West Tisbury (DUKES), MA - NL 41-20-56; WL 70-38-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.05 MHz	FX	100KF1N	40 W (ERP)	0.001 %
16.15 MHz	FX	100KF1N	40 W (ERP)	0.001 %

Narragansett (WASHINGTON), RI - NL 41-26-46; WL 71-26-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.05 MHz	FX	100KF1N	40 W (ERP)	0.001 %
16.15 MHz	FX	100KF1N	40 W (ERP)	0.001 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (3) Licensee is aware that the FCC adopted rules in 2017 that require oceanographic radar licensees currently operating under Part 5 of the rules to transition their operations to frequencies within an allocated band by March 29, 2022. See Report and Order, ET Docket No. 15-99.
- (4) This license will not be renewed beyond March 29, 2022.