

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XCI

(Call Sign)

0542-EX-CN-2020

(File Number)

NAME Old Dominion University Research Foundation

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(c) of the Commission's Rules

Station Locations

- (1) Assateague Island (WORCESTER), MD - NL 38-12-18; WL 75-09-10
- (2) Cedar Island (ACCOMACK), VA - NL 37-40-22; WL 75-35-32
- (3) Virginia Beach, VA - NL 36-41-30; WL 75-55-21
- (4) Norfolk, VA - NL 36-57-00; WL 76-14-35
- (5) Cape Charles (NORTHAMPTON), VA - NL 37-08-16; WL 75-58-20
- (6) Virginia Beach, VA - NL 36-55-10; WL 76-03-14

Frequency Information

Assateague Island (WORCESTER), MD - NL 38-12-18; WL 75-09-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4463 kHz	FX	50K0P0N	40 W (ERP)	0.001 %
5262.5 kHz	FX	25K0P0N	40 W (ERP)	0.001 %

This authorization effective July 17, 2020 and
will expire 3:00 A.M. EST June 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Cedar Island (ACCOMACK), VA - NL 37-40-22; WL 75-35-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4463 kHz	FX	50K0P0N	40 W (ERP)	0.001 %
5262.5 kHz	FX	25K0P0N	40 W (ERP)	0.001 %

Virginia Beach, VA - NL 36-41-30; WL 75-55-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4463 kHz	FX	50K0P0N	40 W (ERP)	0.001 %
5262.5 kHz	FX	25K0P0N	40 W (ERP)	0.001 %

Norfolk, VA - NL 36-57-00; WL 76-14-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24550 kHz	FX	200KP0N	40 W (ERP)	0.001 %
26310 kHz	FX	220KP0N	40 W (ERP)	0.001 %

Frequency Information

Cape Charles (NORTHAMPTON), VA - NL 37-08-16; WL 75-58-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24550 kHz	FX	200KP0N	40 W (ERP)	0.001 %
26310 kHz	FX	220KP0N	40 W (ERP)	0.001 %

Virginia Beach, VA - NL 36-55-10; WL 76-03-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24550 kHz	FX	200KP0N	40 W (ERP)	0.001 %
26310 kHz	FX	220KP0N	40 W (ERP)	0.001 %

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) Old Dominion University Research Foundation shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 26200-26420 kHz band.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by National Oceanic and Atmospheric Administration, Contract Number NA16NOS0120020. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.