

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WO9XIX

(Call Sign)

0690-EX-ST-2019

(File Number)

NAME Peter Driessen

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 purpose is to measure properties of the ionosphere using the 256-element Long Wavelength Array in New Mexico to receive signals from a terrestrial transmitter just outside ground wave

Station Locations

(1) Santa Fe (SANTA FE), NM - NL 35-42-41; WL 106-00-30

Frequency Information

Santa Fe (SANTA FE), NM - NL 35-42-41; WL 106-00-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4000 kHz	FX	1H00A0 75K0A1A	100 W (ERP)	1 %
5300-5375 kHz	FX	1H00A0 75K0A1A	100 W (ERP)	1 %
5351.5 kHz	FX	1H00A0	100 W (ERP)	1 %

This authorization effective July 01, 2019 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Santa Fe (SANTA FE), NM - NL 35-42-41; WL 106-00-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5351.5 kHz	FX	1H00A0 75K0A1A	100 W (ERP)	1 %
7050-7125 kHz	FX	1H00A0 75K0A1A	100 W (ERP)	1 %

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.