

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

EXPERIMENTAL

(Nature of Service)

WQ9XRF

(Call Sign)

XT FX MO

(Class of Station)

0948-EX-ST-2020

(File Number)

NAME SRC Inc.

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 of the use of the MPU5 radios is to provide a wireless communications link between nodes. We will be using the frequencies while stationary while occasionally moving the

Station Locations

- (1) MOBILE: Whitielaw, NY, within 50 km, centered around NL 43-08-33; WL 75-45-15
- (2) MOBILE: Glencoe, OK, within 20 km, centered around NL 36-16-12; WL 96-50-15
- (3) Ft. Sill (COMANCHE), OK - NL 34-42-32; WL 98-33-20
- (4) MOBILE: within 10 km, centered around NL 30-38-11; WL 86-18-33

Frequency Information

MOBILE: Whitielaw, NY, within 50 km, centered around NL 43-08-33; WL 75-45-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4450 MHz	MO	20M0W7D	16 W (ERP)	
4650 MHz	MO	20M0W7D	14.6 W (ERP)	

This authorization effective August 01, 2020 and
will expire 3:00 A.M. EST November 11, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Whitielaw, NY, within 50 km, centered around NL 43-08-33; WL 75-45-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4670 MHz	MO	20M0W7D	14.6 W (ERP)	
4670 MHz	MO	20M0W7D	14.6 W (ERP)	
4690 MHz	MO	20M0W7D	14.6 W (ERP)	
4750 MHz	MO	20M0W7D	14.6 W (ERP)	

MOBILE: Glencoe, OK, within 20 km, centered around NL 36-16-12; WL 96-50-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4450 MHz	MO	20M0W7D	14.6 W (ERP)	
4650 MHz	MO	20M0W7D	14.6 W (ERP)	
4670 MHz	MO	20M0W7D	14.6 W (ERP)	
4670 MHz	MO	20M0W7D	14.6 W (ERP)	
4690 MHz	MO	20M0W7D	14.6 W (ERP)	

Frequency Information

MOBILE: Glencoe, OK, within 20 km, centered around NL 36-16-12; WL 96-50-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4750 MHz	MO	20M0W7D	14.6 W (ERP)	

Ft. Sill (COMANCHE), OK - NL 34-42-32; WL 98-33-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500 MHz	FX	20M0W7D	14.6 W (ERP)	
4700 MHz	FX	20M0W7D	14.6 W (ERP)	
4715 MHz	FX	20M0W7D	14.6 W (ERP)	
4800 MHz	FX	20M0W7D	14.6 W (ERP)	
4810 MHz	FX	20M0W7D	14.6 W (ERP)	

MOBILE:within 10 km, centered around NL 30-38-11; WL 86-18-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500 MHz	MO	20M0W7D	14.6 W (ERP)	

Frequency Information

MOBILE:within 10 km, centered around NL 30-38-11; WL 86-18-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4700 MHz	MO	20M0W7D	14.6 W (ERP)	
4715 MHz	MO	20M0W7D	14.6 W (ERP)	
4800 MHz	MO	20M0W7D	14.6 W (ERP)	
4810 MHz	MO	20M0W7D	14.6 W (ERP)	

Special Conditions:

- (1) 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) SRC Inc. must coordinate with the regional Navy spectrum office (757-444-4586/4780) for operations within 10 km centered around NL 30-38-11 WL 86-18-33 prior to use of frequency 4700 MHz.
- (4) SRC Inc. must notch out the 4790 MHz-4810 MHz band.