

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

EXPERIMENTAL

(Nature of Service)

WP9XBU

(Call Sign)

XT MO

(Class of Station)

1390-EX-ST-2019

(File Number)

NAME MITRE

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 MITRE corporation seeks an FCC Special Temporary Authority to transmit data within the High Frequency (HF) band between 2.5 MHz and 28 MHz.

Station Locations

- (1) MOBILE: Bering Sea and Arctic Ocean (The Healy will be sailing north from Dutch Harbor through the Bering Strait into the Arctic Ocean to an area north of Barrow, AK), centered around NL 67-41-41; WL 162-50-29

Frequency Information

MOBILE: Bering Sea and Arctic Ocean (The Healy will be sailing north from Dutch Harbor through the Bering Strait into the Arctic Ocean to an area north of Barrow, AK), centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4210-4650 kHz	MO		200 W (ERP)	0.001 %
		98K0F7N		
		98K0D7D		
		98K0F7E		
		49K0G7E		
		24K0G7E		
		3K00H8E		
		3K00G7E		
		98K0F7D		

This authorization effective August 28, 2019 and
will expire 3:00 A.M. EST December 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4210-4650 kHz	MO	24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
4700-4995 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
5005-5900 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
6200-6210 kHz	MO	3K00G1D 10K0D7D 10K0G7D	200 W (ERP)	0.001 %

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6200-6210 kHz	MO	10K0F7D 3K00G7E 3K00H8E 10K0G7E 10K0G7E 10K0F7E 10K0D7D 10K0F7N	200 W (ERP)	0.001 %
6320-7300 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
7400-8250 kHz	MO	3K00G1D 24K0D7D 24K0G7D 98K0F7D 3K00G7E 3K00H8E 24K0G7E 49K0G7E 98K0F7E 98K0D7D	200 W (ERP)	0.001 %

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7400-8250 kHz	MO	98K0F7N	200 W (ERP)	0.001 %
8970-9400 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
9900-9995 kHz	MO	95K0F7N 95K0D7D 95K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 95K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
10101-11275 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E	200 W (ERP)	0.001 %

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10101-11275 kHz	MO	3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
11400-11600 kHz	MO	3K00G1D 24K0D7D 24K0G7D 98K0F7D 3K00G7E 3K00H8E 24K0G7E 49K0G7E 98K0F7E 98K0D7D 98K0F7N	200 W (ERP)	0.001 %
12100-12200 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %

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13500-13570 kHz	MO	3K00G1D 24K0D7D 24K0G7D 70K0F7D 3K00G7E 3K00H8E 24K0G7E 49K0G7E 70K0F7E 70K0D7D 70K0F7N	200 W (ERP)	0.001 %
13870-14990 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %
15010-15100 kHz	MO	3K00G1D 24K0D7D 24K0G7D 90K0F7D 3K00G7E 3K00H8E 24K0G7E 49K0G7E 90K0F7E	200 W (ERP)	0.001 %

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15010-15100 kHz	MO	90K0D7D 90K0F7N	200 W (ERP)	0.001 %
15800-16000 kHz	MO	98K0F7N 98K0D7D 98K0F7E 49K0G7E 24K0G7E 3K00H8E 3K00G7E 98K0F7D 24K0G7D 24K0D7D 3K00G1D	200 W (ERP)	0.001 %

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.
- (3) Operation is not permitted in the following bands:
5900-6200 kHz
7300-7400 kHz
9400-9900 kHz
11600-12100 kHz
13570-13870 kHz
15100-15800 kHz
- (4) MITRE must notch out the following (+/- 3 kHz) 5148.5 kHz