

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WN9XSR

(Call Sign)

1980-EX-ST-2018

(File Number)

NAME University of New Hampshire

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:

Operation of a Kongsberg Marine Broadband Radio data telemetry system to support a short series of operations in test and evaluation of a robotic vessel at sea.

Station Locations

- (1) MOBILE: New Castle, NH: At sea, within 30 km, centered around NL 43-04-14; WL 70-42-46
- (2) MOBILE: New Castle, NH: At sea, within 30 km, centered around NL 43-04-14; WL 70-42-46

Frequency Information

MOBILE: New Castle, NH: At sea, within 30 km, centered around NL 43-04-14; WL 70-42-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4900-4990 MHz	MO	20M0M7D	1500 W (ERP)	0.00003 %
5250-5850 MHz	MO	20M0M7D	1500 W (ERP)	0.00003 %

This authorization effective December 11, 2018 and
will expire 3:00 A.M. EST December 22, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: New Castle, NH: At sea, within 30 km, centered around NL 43-04-14; WL 70-42-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4900-4990 MHz	MO	20M0M7D	8 W (ERP)	0.00003 %
5250-5850 MHz	MO	20M0M7D	8 W (ERP)	0.00003 %

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) University of New Hampshire must notch out the following:
 - a. 4990 - 5000 MHz band
 - b. 5000 - 5250 MHz band
 - c. 5850 - 5925 MHz band