

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WO9XDC

(Call Sign)

0378-EX-ST-2019

(File Number)

NAME MIT Lincoln Laboratory

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 proposed experiment fulfills requirements for work supported by the Department of the Air Force under Air Force Contract No. FA8702-15-D-0001.

Station Locations

(1) MOBILE: Lyonville, SD, within 500 km, centered around NL 43-52-57; WL 99-01-10

Frequency Information

MOBILE: Lyonville, SD, within 500 km, centered around NL 43-52-57; WL 99-01-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5725-5875 MHz	MO	2M00G1D	1 W (ERP)	0.0001 %

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) Notify Base PWCS Manager prior to operations. MSgt Jeremy Roering Base PWCS Manager Comm: 701-451-2256 Cell: 701-866-3819 jeremy.e.roering.mil@mail.mil
- (3) NTIA noting the band 5850-5925 MHz, IAW NG 160, the use of the non-Federal mobile service is limited to Dedicated Short Range Communications operating in the Intelligent Transportation System radio service.

This authorization effective April 15, 2019 and
will expire 3:00 A.M. EST July 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8702-15-D-0001. 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.