

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

EXPERIMENTAL

(Nature of Service)

WQ9XLK

(Call Sign)

XT MO

(Class of Station)

0674-EX-ST-2020

(File Number)

NAME IMSAR LLC

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:

Demonstrate the capabilities and benefits of small synthetic aperture radars

Station Locations

- (1) MOBILE: Pendleton, OR. On aircraft 14,000' MSL or below, within 25 km, centered around NL 45-41-36; WL 118-50-27

Frequency Information

MOBILE: Pendleton, OR. On aircraft 14,000' MSL or below, within 25 km, centered around NL 45-41-36; WL 118-50-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.7 GHz	MO	1G50F0N	11350 W (ERP)	

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) 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.

This authorization effective June 01, 2020 and
will expire 3:00 A.M. EST October 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Stop buzzer: Riley Hansen
Phone: 801-798-8440
Email: riley.hansen@imsar.com
- (4) Prior to commencing any operations in the 17.3-17.7 GHz band frequency band, IMSAR LLC must notify the earth station licensees listed below of its test dates and provide a stop buzzer in case of interference:

Call Sign: E130081File Number: SES-LIC-20130423-00332

Call Sign: E090173File Number: SES-LIC-20091001-01263

Call Sign: E140116File Number: SES-LIC-20141112-00848

Call Sign: E170204File Number: SES-LIC-20171110-01243

Call Sign: E080216File Number: SES-MFS-20130107-00010

Call Sign: E050374File Number: SES-MOD-20130206-00163

Call Sign: E080015File Number: SES-MOD-20180410-00340

Call Sign: E070275File Number: SES-MOD-20170418-00402

- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.