

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WO9XUE

(Call Sign)

1138-EX-ST-2019

(File Number)

NAME Oceus Networks

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:

To demonstrate 4G/LTE solution and capabilities to the Marine Corps.

Station Locations

- (1) Onslow Beach (ONSLOW), NC - NL 34-33-57; WL 77-19-51; MOBILE: , within 5 km, centered around NL 34-33-57; WL 77-19-51
- (2) MOBILE: Onslow Beach, within 5 km, centered around NL 34-34-21; WL 77-17-14
- (3) MOBILE: Manpack, within 5 km, centered around NL 34-33-19; WL 77-20-09

Frequency Information

Onslow Beach (ONSLOW), NC - NL 34-33-57; WL 77-19-51; MOBILE: , within 5 km, centered around NL 34-33-57; WL 77-19-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
714-719 MHz	MO	5M00W7W	67.6 W (ERP)	
769-774 MHz	MO	5M00W7W	250 mW (ERP)	

This authorization effective July 08, 2019 and
will expire 3:00 A.M. EST July 21, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Onslow Beach (ONSLow), NC - NL 34-33-57; WL 77-19-51; MOBILE: , within 5 km, centered around NL 34-33-57; WL 77-19-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	FX	20M0W7W	67.6 W (ERP)	
1930-1990 MHz	MO	20M0W7W	250 mW (ERP)	

MOBILE: Onslow Beach, within 5 km, centered around NL 34-34-21; WL 77-17-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	20M0W7W	67.6 W (ERP)	
869-894 MHz	MO	5M00W7W	250 mW (ERP)	
1710-1785 MHz	MO	5M00W7W	67.6 W (ERP)	

MOBILE: Manpack, within 5 km, centered around NL 34-33-19; WL 77-20-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	20M0W7W	67.6 W (ERP)	
734-745 MHz	MO	5M00W7W	250 mW (ERP)	

Frequency Information

MOBILE: Manpack, within 5 km, centered around NL 34-33-19; WL 77-20-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	MO	20M0W7W	67.6 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.
- (3) Oceus Networks must secure consents from the Advance Wireless Service licensees prior to operation in 1710-1785 MHz and 1915-1920 MHz bands.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - > 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - > 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - > 700 MHz Lower Band "D" block licensees (716-722 MHz)
 - > Cellular licensees (824-849 MHz/869-894 MHz)
 - > Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (5) Stop Buzzer POC is Charles Thomas
Phone: 2147786342
- (6) The following conditions apply to Oceus Networks operation at Camp Lejuene, NC during the period 8 July 2019 thru 20 July 2019.
 - > Oceus Networks must provide an on ground POC to Ryan Denato, ryan.denato@usmc.mil, 910-451-8022, prior to operations.
 - > Oceus Networks may not operate in 1805 - 1880 MHz or the 1850 - 1920 MHz bands due to ongoing sensitive law enforcement operations.
- (7) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: removed 1805 -1880 MHz frequency band from the license