

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WG2XFC

(Call Sign)

0201-EX-PL-2012

(File Number)

NAME Oceus Networks

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d f) of the Commission's Rules

Station Locations

- (1) MOBILE: Ft Huachuca, AZ, within 10 km, centered around NL 31-33-54; WL 110-21-21
- (2) MOBILE: Yuma Proving Grounds, within 10 km, centered around NL 33-00-56; WL 114-14-37
- (3) MOBILE: Camp Pendleton, CA, within 10 km, centered around NL 33-21-52; WL 117-24-36
- (4) MOBILE: Camp Roberts, CA, within 10 km, centered around NL 35-47-19; WL 120-46-55
- (5) MOBILE: China Lake NWS, CA, within 10 km, centered around NL 35-52-36; WL 117-38-27
- (6) MOBILE: NAS Point Magu, CA, within 10 km, centered around NL 34-06-42; WL 119-06-50
- (7) MOBILE: Ft. Gordon, within 10 km, centered around NL 33-25-17; WL 82-09-56
- (8) MOBILE: Idaho National Lab, ID, within 10 km, centered around NL 43-37-16; WL 112-51-25
- (9) MOBILE: Pax River NAS, MD, within 10 km, centered around NL 38-16-59; WL 76-24-57
- (10) MOBILE: Fort Bragg, NC, within 10 km, centered around NL 35-08-59; WL 78-59-29
- (11) MOBILE: Fort Dix/Lakehurst NAES, NJ, within 10 km, centered around NL 40-00-41; WL 74-30-14
- (12) MOBILE: Fort Monmouth, NJ, within 10 km, centered around NL 40-18-54; WL 74-02-42
- (13) MOBILE: Fort Bliss, TX, within 10 km, centered around NL 32-07-45; WL 106-04-03
- (14) MOBILE: Fort A P Hill, VA, within 10 km, centered around NL 38-06-16; WL 77-15-47
- (15) MOBILE: Fort Story/Fort Eustis, VA, within 10 km, centered around NL 36-55-25; WL 76-01-03
- (16) MOBILE: Langley AFB, VA, within 10 km, centered around NL 37-05-12; WL 76-21-32

This authorization effective May 24, 2012 and
will expire 3:00 A.M. EST June 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

(17) MOBILE: JSIC, 1562 Mitscher Ave. Norfolk VA, JFCOM, within 10 km, centered around
NL 36-55-22; WL 76-18-14

Frequency Information

MOBILE: Ft Huachuca, AZ, within 10 km, centered around NL 31-33-54; WL 110-21-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Yuma Proving Grounds, within 10 km, centered around NL 33-00-56; WL 114-14-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Camp Pendleton, CA, within 10 km, centered around NL 33-21-52; WL 117-24-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

Frequency Information

MOBILE: Camp Roberts, CA, within 10 km, centered around NL 35-47-19; WL 120-46-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: China Lake NWS, CA, within 10 km, centered around NL 35-52-36; WL 117-38-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: NAS Point Magu, CA, within 10 km, centered around NL 34-06-42; WL 119-06-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

Frequency Information

MOBILE: Ft. Gordon, within 10 km, centered around NL 33-25-17; WL 82-09-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Idaho National Lab, ID, within 10 km, centered around NL 43-37-16; WL 112-51-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Pax River NAS, MD, within 10 km, centered around NL 38-16-59; WL 76-24-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

Frequency Information

MOBILE: Fort Bragg, NC, within 10 km, centered around NL 35-08-59; WL 78-59-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Fort Dix/Lakehurst NAES, NJ, within 10 km, centered around NL 40-00-41; WL 74-30-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Fort Monmouth, NJ, within 10 km, centered around NL 40-18-54; WL 74-02-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

Frequency Information

MOBILE: Fort Bliss, TX, within 10 km, centered around NL 32-07-45; WL 106-04-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Fort A P Hill, VA, within 10 km, centered around NL 38-06-16; WL 77-15-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: Fort Story/Fort Eustis, VA, within 10 km, centered around NL 36-55-25; WL 76-01-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

Frequency Information

MOBILE: Langley AFB, VA, within 10 km, centered around NL 37-05-12; WL 76-21-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

MOBILE: JSIC, 1562 Mitscher Ave. Norfolk VA, JFCOM, within 10 km, centered around NL 36-55-22; WL 76-18-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	4000 W (ERP)	
777-787 MHz	MO	10M0W7W	1 W (ERP)	

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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.