

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XCY

(Call Sign)

0170-EX-RR-2012

(File Number)

NAME OptimERA Inc.

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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Dutch Harbor, AK, within 660 km, centered around NL 53-55-08; WL 166-30-33

Frequency Information

MOBILE: Dutch Harbor, AK, within 660 km, centered around NL 53-55-08; WL 166-30-33

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 902-927 MHz     | MO            | 10M0F7W             | 80 W (ERP)       |                           |
| 2400-2483.5 MHz | MO            | 20M0F7W             | 80 W (ERP)       |                           |
| 5725-5850 MHz   | MO            | 20M0F7W             | 80 W (ERP)       |                           |

This authorization effective July 01, 2012 and  
will expire 3:00 A.M. EST July 01, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Due to possible future TV Auxiliary Broadcast Service licensees in the area, operation is subject to prior coordination, annually, 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](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (5) Due to possible future Fixed Microwave Service licensees in the area, operation is subject to prior coordination, annually, in accordance with 47 CFR, Part 101.103(d).
- (6) All ships participating in this experiment shall be US-registered vessels.
- (7) All participants in this experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.