

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

EXPERIMENTAL

(Nature of Service)

XR      FX

(Class of Station)

WD2XRU

(Call Sign)

0022-EX-ML-2015

(File Number)

NAME Oregon State University- College of Oceanic and Atmospheric Science

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(a, c) of the Commission's Rules

Station Locations

- (1) Newport (LINCOLN), OR - NL 44-40-18; WL 124-04-31
- (2) Waldport (LINCOLN), OR - NL 44-23-02; WL 124-05-23
- (3) Florence (LANE), OR - NL 44-09-41; WL 124-07-03
- (4) Seaside (CLATSOP), OR - NL 45-58-31; WL 123-56-41
- (5) Hammond (CLATSOP), OR - NL 46-10-39; WL 123-58-44
- (6) Lincoln City (LINCOLN), OR - NL 45-00-27; WL 124-00-26
- (7) Newport (LINCOLN), OR - NL 44-40-37; WL 124-04-32

Frequency Information

Newport (LINCOLN), OR - NL 44-40-18; WL 124-04-31

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

This authorization effective February 27, 2015 and  
will expire 3:00 A.M. EST March 01, 2020

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Newport (LINCOLN), OR - NL 44-40-18; WL 124-04-31

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

Waldport (LINCOLN), OR - NL 44-23-02; WL 124-05-23

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

Florence (LANE), OR - NL 44-09-41; WL 124-07-03

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

## Frequency Information

Florence (LANE), OR - NL 44-09-41; WL 124-07-03

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

Seaside (CLATSOP), OR - NL 45-58-31; WL 123-56-41

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

Hammond (CLATSOP), OR - NL 46-10-39; WL 123-58-44

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

## Frequency Information

Hammond (CLATSOP), OR - NL 46-10-39; WL 123-58-44

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

Lincoln City (LINCOLN), OR - NL 45-00-27; WL 124-00-26

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

## Frequency Information

Newport (LINCOLN), OR - NL 44-40-37; WL 124-04-32

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 12.06 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 12.2 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.49 MHz | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |
| 13.7 MHz  | FX            | 170KP0N             | 40 W (ERP)       | 0.001 %                   |

## Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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).
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.