



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

PAMPLIN BROADCASTING-OREGON, INC.

ATTN: LEGAL DEPT.

P.O. BOX 22109

PORTLAND OR 97269

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Facility Id: 29553

Call Sign: KPAM

License File Number: BMML-20140717ACN

Grant Date: December 15, 2014

This license expires 3:00 a.m. local time, February 01, 2022.

This supersedes authorization of same date to correct the phasing of tower #3. JM-12/24/2014.

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 set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

| | | | | | |
|------|---------|---------|------|---------|---------|
| Jan. | 7:45 AM | 4:45 PM | Jul. | 4:30 AM | 8:00 PM |
| Feb. | 7:15 AM | 5:30 PM | Aug. | 5:15 AM | 7:15 PM |
| Mar. | 6:30 AM | 6:15 PM | Sep. | 5:45 AM | 6:30 PM |
| Apr. | 5:30 AM | 7:00 PM | Oct. | 6:30 AM | 5:30 PM |
| May | 4:45 AM | 7:30 PM | Nov. | 7:15 AM | 4:45 PM |
| Jun. | 4:15 AM | 8:00 PM | Dec. | 7:45 AM | 4:30 PM |

Name of Licensee: PAMPLIN BROADCASTING-OREGON, INC.

Station Location: TROUTDALE, OR

Frequency (kHz): 860

Station Class: B

Antenna Coordinates:

Day

Latitude: N 45 Deg 38 Min 48 Sec

Longitude: W 122 Deg 30 Min 49 Sec

Night

Latitude: N 45 Deg 38 Min 48 Sec

Longitude: W 122 Deg 30 Min 49 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 50.0 Night: 15.0

Antenna Input Power (kW): Day: 50.0 Night: 15.8

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 31.62 Night: 19.4

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

| Tower No. | ASRN | Overall Height (m) |
|-----------|---------|--------------------|
| 2 | 1034529 | |

Night:

| Tower No. | ASRN | Overall Height (m) |
|-----------|---------|--------------------|
| 1 | 1034528 | |
| 2 | 1034529 | |
| 3 | 1034526 | |
| 4 | 1034527 | |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 300.9 Night: 1114.76

Standard RMS (mV/m/km): Day: Night: 1174.46

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 2 | 1.0000 | 0.000 | 0.0000 | 0.000 | 0 | 81.8 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

| Tower No. | Field Ratio | Phasing (Deg.) | Spacing (Deg.) | Orientation (Deg.) | Tower Ref Switch * | Height (Deg.) |
|-----------|-------------|----------------|----------------|--------------------|--------------------|---------------|
| 1 | 1.0300 | 9.500 | 0.0000 | 0.000 | 0 | 81.8 |
| 2 | 1.7900 | -146.000 | 60.0000 | 246.000 | 0 | 81.8 |
| 3 | 1.1100 | -311.000 | 120.0000 | 250.000 | 0 | 81.8 |
| 4 | 0.1300 | 172.000 | 149.8000 | 267.200 | 0 | 81.8 |

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1 | 0 | 1 |

Night Directional Operation:

| Twr. No. | Phase (Deg.) | Antenna Monitor Sample Current Ratio |
|----------|--------------|--------------------------------------|
| 1 | 155.8 | 0.612 |
| 2 | 0 | 1 |
| 3 | -166 | 0.619 |
| 4 | -33 | 0.083 |

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901, SN. 449

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The licensee shall perform the measurements described in 73.155 at least once within each 24-month period.

- 2 The station is licensed with its authorized nominal power of 15.0 kW and input power of 15.8 kW. The difference between the common point input power (18.86 kW) and the power returned to the dummy load (3.06 kW) is 15.8 kW. Both the common point input and the power returned to the dummy load shall be monitored.

*** END OF AUTHORIZATION ***