

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: **BS-3161**

Call Sign: **K U M A**

**STANDARD BROADCAST STATION LICENSE**

**MODIFIED**

**MAIN AND AUXILIARY TRANSMITTERS**

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, 1/ the LICENSEE

**PENDLETON BROADCASTING CO.**

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time **February 1, 1978**

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of **1290** kHz.

2. With nominal power of **5 kilo** watts nighttime and **5 kilo** watts daytime,

with antenna input power of <b>5.4 kilo</b> watts	-	directional	[	<b>Common Point</b>	current		amperes
antenna nighttime .....					<b>Common Point</b>	resistance	<b>10.2</b>
and antenna input power of <b>5 kilo</b> watts		non directional	[	<b>Antenna</b>	current	<b>52</b>	amperes
antenna daytime .....					<b>Antenna</b>	resistance	<b>11.2</b>
						<b>40.0</b>	

3. Hours of operation: **Unlimited Time**

Average hours of sunrise and sunset:

Jan. 7:30am to 4:30pm; Feb. 7:00am to 5:15pm;  
 Mar. 6:15am to 6:00pm; Apr. 5:15am to 6:45pm;  
 May 4:30am to 7:15pm; June 4:00am to 7:45pm;  
 July 3:15am to 7:45pm; Aug. 5:00am to 7:00pm;  
 Sep. 5:30am to 6:15pm; Oct. 6:15am to 5:15pm;  
 Nov. 7:00am to 4:30pm; Dec. 7:30am to 4:15pm;

**AUXILIARY: 250 Watts DA-Night**  
**Common Point Current 2.28 amps**  
**(DA-Night)**  
**Antenna input power 1.08kw (DA-Night)**  
**Antenna current 2.5 amps (NON-DA-Day)**

Pacific Standard Time (non-advanced)

4. With the station located at: **Pendleton, Oregon**

5. With the main studio located at:

**1815 SW Emigrant St.  
Pendleton, Oregon**

6. The apparatus herein authorized to be used and operated is located at: North Latitude: **45 ° 40 ' 25 "**  
West Longitude: **118 ° 44 ' 48 "**

**1.8 mi. E. of County Court House,  
On River Road  
Pendleton, Oregon**

Transmitter(s): **RCA MFG CO., BTA-5H (MAIN); RCA, 250-L (AUXILIARY)**

(or other transmitter currently listed in the Commission's "Radio Equipment List, Part B, Aural Broadcast Equipment" for the power herein authorized).

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715:

9. Conditions: **1, 3, 11 & 21**

**Transmitters may be operated by remote control from 1815 SW Emigrant Street,  
Pendleton, Oregon.**

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

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 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.

1/ This license consists of this page and pages

**2 & 3**

Dated: **July 21, 1975**

**kim**

FEDERAL  
COMMUNICATIONS  
COMMISSION



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Call Sign: K U M A

Date: 7-21-75

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- N

No. and Type of Elements: Three uniform cross-section, guyed, series-excited vertical steel tower.

Height above Insulators: 180' (85°)

Overall Height: 185' (90°)

Spacing and Orientation: Spaced 190.62' / between adjacent elements on a line bearing 137° true.

Non-Directional Antenna: No. 2 tower  
 Ground System consists of 120 equally spaced buried copper radials about the base of each tower 190' long except where bonded to common transverse copper strap midway between adjacent towers.

2. THEORETICAL SPECIFICATIONS

	Tower	NW (#1)	C (#2)	SE (#3)
Phasing:		0°	145°	-71°
Field Ratio:		1.0	1.97	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:	-147°	0°	+146°
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Antenna Base Current Ratio:	0.508	1.0	0.508
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Antenna Monitor Sample Current Ratio:	0.518	1.0	0.519
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\*As indicated by Potomac Instruments AM-19 (204) antenna monitor.

Field intensity measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once each week and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $69^{\circ}$  true North. Go north 600 feet from transmitter to intersection with River Drive Road; then north on River Drive Road to intersection with State Highway 11; then north 3.7 miles on said Highway 11 to intersection with County Road commonly known as "Mission Road"; then south on Mission Road 0.8 mile to check point. The field intensity measured at this point should not exceed 10.0 mv/m.

Direction of  $137^{\circ}$  true North. Go north 600 feet from transmitter to intersection with River Drive Road; then west on River Drive Rd. 0.3 mile to intersection with Highway 11; then south on Highway 11, 0.3 mile to intersection with US 30; then generally southeast on US 30 1.8 mile to check point where the towers are visually in-line. The field intensity measured at this point should not exceed 136.0 mv/m.

Direction of  $201.7^{\circ}$  true North. Go north 600 feet from transmitter to River Road; then west on River Drive Road 0.3 mile to intersection with Highway 11; then south on Highway 11, 0.3 mile to intersection with US 30; then west on US 30, 0.8 mile to intersection of US 30 and SE Emigrant; then west on Emigrant Avenue, through Pondleton 1.85 miles to intersection of SW 23rd and Emigrant; thence south on SW 23rd the extension of SW 23rd and Emigrant; thence south on SW 23rd the extension thereof known as Tutuilla Creek Road 3.85 miles then 200 feet west by foot onto field to check point. The field intensity measured at this point should not exceed 3.3 mv/m.