FCC Form 352
February 1977

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

BR-2008
File No.: BL-14,364

Call Sign: K C D L

STANDARD BROADCAST STATION LICENSE

RENEWAL AND MODIFICATION

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

LARSON WINN, INC.

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, 1981

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

1. On a frequency of 1440 kHz.
2. With nominal power of 1 kilo watts nighttime and 5 kilo watts daytime,
   with antenna input power of 1.08 kilo watts — directional antenna nighttime ..... Common Point current 4.11 amperes; Common Point resistance 64 ohms,
   and antenna input power of 5 kilo watts non directional antenna daytime ..... Antenna current 7.41 amperes; Antenna resistance 91 ohms
3. Hours of operation: Unlimited Time.

   Average hours of sunrise and sunset:

   Jan. 7:45am to 4:45pm; Feb. 7:15am to 5:30pm;
   Mar. 6:15am to 6:15pm; Apr. 5:15am to 6:45pm;
   May 4:30am to 7:30pm; June 4:15am to 8:00pm;
   July 4:30am to 7:45pm; Aug. 5:00am to 7:15pm;
   Sep. 5:45am to 6:15pm; Oct. 6:15am to 5:15pm;
   Nov. 7:00am to 4:30pm; Dec. 7:45am to 4:15pm;

   Pacific Standard Time (Non-Advanced).
4. With the station located at: The Dalles, Oregon
5. With the main studio located at: Scenic Drive, near Sorosis Park
   The Dalles, Oregon
6. Remote control point: —
7. Transmitter location:

   Scenic Drive, near Sorosis Park
   The Dalles, Oregon

   North Latitude: 45° 35' 31"
   West Longitude: 121° 11' 57"
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11 & 21
9. Transmitter(s): TYPE ACCEPTED
10. Conditions: —

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, page 3 attached to license dated 1-31-75.

Dated: April 16, 1979
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FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
April 1973

BR-2008
File No.: BL-14,364 *Call Sign:* K O D L *Date:* 4-16-79

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA- N

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

Height above Insulators: 180' (95°)

Overall Height: 185'

Spacing and Orientation: Spaced 170.75' (90°) on a line bearing 336° true.

Non-Directional Antenna: North tower used with South tower open-circuited at the base.

Ground System consists of 120 equally spaced buried copper radials 180' long except where limited by property lines on the north plus a 20' square copper ground screen at the base of each tower. Intersecting radials shortened and bonded to common transverse copper strap midway between towers.

2. THEORETICAL SPECIFICATIONS

	SOUTH (1)	NORTH (2)
Phasing:	0°	-116.4°
Field Ratio:	1.0	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	-116°
Antenna Base Current Ratio:	1.0	.818
Antenna Monitor Sample Current Ratio:	1.0	1.12

*As indicated by Potomac Instrument AM-19(204) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

Form BC-106
April 1976

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION STANDARD

The following application is submitted for action by the Chief, Broadcast Bureau

FILE NO.	APPLICANT & LOCATION	CALL LETTERS	NATURE OF APPLICATION
BL-14,364	LARSON-WYNN, INC. The Dalles, Oregon	K O D L	Lic. to cover BP-20,149 for changes TRANSMITTER: CCA AM-5000D

Lic. expires: 2-1-78

Lic: 1440khz, 1kw DA-N
CP: 1440khz, 1kw-DA-N, 5kw nonDA-Day

CHIEF, LICENSE DIVISION

ejg: 8-9-~~8~~7

Recommendation: Grant ( ) Construction dates, Start_____ End_____

Contested ( ) Uncontested ( )

Transmitters: CCA AM-5000D (Main day; Alt. night), Collins 20V (Alt night, Aux day).
Antenna input power: 5 kW day; 1.08 kW night.
Night DA common-point current 4.11 amperes; resistance 64 ohms.
Day ND antenna current 7.41 amperes; resistance 91 ohms.

Auxiliary transmitter: Collins 20V
Antenna ~~power~~ input power: 1 kW day
Day ND antenna current 3.31 amperes; resistance 91 ohms.

Antenna and ground system same as BP-20,149

GRANTED

NOV 30 1977
/S/ Dennis Williams

Approved APR 16 1979

For Chief, Broadcast Bureau

FCC Form 352
December 1973

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BR-2008
Call Sign: K O D L

STANDARD BROADCAST STATION LICENSE

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

LARSON-WYNN, INC.

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 1440 kHz.
2. With nominal power of 1 kilo watts nighttime and 1 kilo watts daytime,
   with antenna input power of 1.08kilo watts — directional antenna nighttime ..... [Common Point current 4.11 amperes; Common Point resistance 64.7 ohms,
   and antenna input power of 1 kilo watts non directional antenna daytime ..... [Antenna current 3.31 amperes; Antenna resistance 91 ohms
3. Hours of operation: Unlimited Time
   Average hours of sunrise and sunset:
   Jan. 7:45am to 4:45pm; Feb. 7:15am to 5:30pm;
   Mar. 6:15am to 6:15pm; Apr. 5:15am to 6:45pm;
   May. 4:30am to 7:30pm; June 4:15am to 8:00pm;
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   Nov. 7:00am to 4:30pm; Dec. 7:45am to 4:15pm;
   Pacific Standard Time (Non-Advanced)
4. With the station located at: The Dalles, Oregon
5. With the main studio located at:
   Scenic Drive, near Sorosis Park
   The Dalles, Oregon
6. The apparatus herein authorized to be used and operated is located at:
   Scenic Drive, near Sorosis Park
   The Dalles, Oregon
   North Latitude: 45° 35' 31"
   West Longitude: 121° 11' 57"
7. Transmitter(s):
   COLLINS, Type No. 20-V
   (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: 1, 3, 11, & 21.
9. Conditions:

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: January 31, 1975

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FEDERAL COMMUNICATIONS COMMISSION

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FCC Form 353-A
April 1973

File No.: BR-2008 *Call Sign:* K O D L *Date:* 1-31-75

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA- N

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

Height above Insulators: 180' (95°)

Overall Height: 185'

Spacing and Orientation: Spaced 170.75' (90°) on a line bearing 336° true.

Non-Directional Antenna: North tower used with South tower open-circuited at the base

Ground System consists of 120 equally spaced buried copper radials 180' long except where limited by property lines on the north plus 20' square copper ground screen at the base of each tower. Intersectin radials shortened and bonded to common transverse copper str midway between towers.

2. THEORETICAL SPECIFICATIONS

	SOUTH TOWER (1)	NORTH TOWER (2)
Phasing:	0°	-116.4°
Field Ratio:	1.0	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	-116.5°
Antenna Base Current Ratio:	1.0	.818
Antenna Monitor Sample Current Ratio:	1.0	1.05

*As indicated by Nems Clarke 108-E antenna monitor.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Point #1, Direction of 156° true North. Proceed from KODL east on Scenic Drive, a distance of 1.6 miles to the intersection with Dry Hollow Road. Turn right (south) on Dry Hollow Road and proceed 1.8 miles to the point where Dry Hollow Road makes a right hand turn to the southwest. Proceed on the right fork .4 miles. The monitoring point is located on the east side of this curve in the triangle formed by two gravel road-ways entering Dry Hollow Road. The total mileage from the station by road is 3.6 miles. The field intensity measured at this point should not exceed 20.6 mv/m.

Point #2, Direction of 204° true North. The measuring point on the 204 degree radial is located 3.8 miles by road from the station. Starting at the station, proceed north on Scenic Drive to 17th Street. Turn west on 17th Street to its intersection with Mt. Hood street. Proceed south on Mt. Hood Street to the intersection with Skyline Road. Go south on Skyline Road a distance of 2.8 miles from this aforementioned intersection with Mt. Hood Street. The measuring point is located on the north side of the road on the inside of a horseshoe curve. Total mileage by road from the station is 3.8 miles. The field intensity measured at this point should not exceed 4.5mv/m.