

FEB 22 2018

FCC

1802234089973001

US BANK/FCC

READ INSTRUCTIONS CAREFULLY
BEFORE PROCEEDINGFEDERAL COMMUNICATIONS COMMISSION
REMITTANCE ADVICE

2018 FEB 28 PM 2:50

Approved by OMB
3060-0589
Page No. 1 of 2

(1) LOCKBOX # 979089 899089		SPECIAL USE ONLY	
		FCC USE ONLY	
SECTION A - PAYER INFORMATION			
(2) PAYER NAME (if paying by credit card enter name exactly as it appears on the card) AI Wynn Larson-Wynn, Inc.		(3) TOTAL AMOUNT PAID (U.S. Dollars and cents) \$700.00	
(4) STREET ADDRESS LINE NO. 1 P.O. Box 1488			
(5) STREET ADDRESS LINE NO. 2			
(6) CITY The Dalles		(7) STATE OR	(8) ZIP CODE 97058
(9) DAYTIME TELEPHONE NUMBER (include area code) 5412962101		(10) COUNTRY CODE (if not in U.S.A.)	
FCC REGISTRATION NUMBER (FRN) REQUIRED			
(11) PAYER (FRN) 0003780053		(12) FCC USE ONLY	
IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C) COMPLETE SECTION BELOW FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET			
(13) APPLICANT NAME Larson-Wynn, Inc.			
(14) STREET ADDRESS LINE NO. 1 P.O. Box 1488			
(15) STREET ADDRESS LINE NO. 2			
(16) CITY The Dalles		(17) STATE OR	(18) ZIP CODE 97058
(19) DAYTIME TELEPHONE NUMBER (include area code) 5412962101		(20) COUNTRY CODE (if not in U.S.A.)	
FCC REGISTRATION NUMBER (FRN) REQUIRED			
(21) APPLICANT (FRN) 0003780053		(22) FCC USE ONLY	
COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET			
(23A) CALL SIGN/OTHER ID KODL	(24A) PAYMENT TYPE CODE MMR ✓	(25A) QUANTITY 1	
(26A) FEE DUE FOR (PTC) \$700.00 ✓	(27A) TOTAL FEE \$700.00	FCC USE ONLY	
(28A) FCC CODE 1		(29A) FCC CODE 2	
(23B) CALL SIGN/OTHER ID	(24B) PAYMENT TYPE CODE	(25B) QUANTITY	
(26B) FEE DUE FOR (PTC)	(27B) TOTAL FEE	FCC USE ONLY	
(28B) FCC CODE 1		(29B) FCC CODE 2	
SECTION D - CERTIFICATION			
CERTIFICATION STATEMENT I, <u>E. J. Wynn</u> , certify under penalty of perjury that the foregoing and supporting information is true and correct to the best of my knowledge, information and belief. SIGNATURE <u>E. J. Wynn</u> DATE <u>2/16/2018</u>			
SECTION E - CREDIT CARD PAYMENT INFORMATION			
ACCOUNT NUMBER _____ I hereby authorize the FCC SIGNATURE _____			

PAID BY CREDIT CARD

FEBRUARY 2003

FOR
FCC
USE
ONLY

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

BL-20180222 ABB

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

LARSON-WYNN, INC.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

P.O. BOX 1488

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

THE DALLES

STATE OR COUNTRY (if foreign address)

OR

ZIP CODE

97058

TELEPHONE NUMBER (include area code)

5412962101

CALL LETTERS

KODL

OTHER FCC IDENTIFIER (If applicable)

36629

2. A. Is a fee submitted with this application?



Yes



No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section



Governmental Entity



Noncommercial educational licensee



Other (Please explain):

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

FEE TYPE CODE		
M	M	R

(B)

FEE MULTIPLE			
0	0	0	1

(C)

FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 700.00

FOR FCC USE ONLY

FOR FCC USE ONLY

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

--	--	--

(B)

0	0	0	1
---	---	---	---

(C)

\$

FOR FCC USE ONLY

FOR FCC USE ONLY

ADD ALL AMOUNTS SHOWN IN COLUMN C,
AND ENTER THE TOTAL HERE.
THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED
REMITTANCE.

TOTAL AMOUNT
REMITTED WITH THIS
APPLICATION

\$ 700.00

FOR FCC USE ONLY

FOR FCC USE ONLY

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Larson-Wynn, Inc.		
MAILING ADDRESS P.O. Box 1488		
CITY The Dalles	STATE OR	ZIP CODE 97058

2. This application is for:

☒ Commercial
 ☐ Noncommercial
☐ AM Directional
 ☒ AM Non-Directional

Call letters KODL	Community of License The Dalles	Construction Permit File No. BP-20160919AAE	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit 01/18/2020
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☒ Yes ☐ No

Exhibit No.

If No, explain in an Exhibit.

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☒ Yes ☐ No

Exhibit No.

If No, state exceptions in an Exhibit.

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☐ Yes ☒ No

Exhibit No.

If Yes, explain in an Exhibit.

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☒ Yes ☐ No

☐ Does not apply

Exhibit No.

If No, explain in an Exhibit.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☒ No

Exhibit No.

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

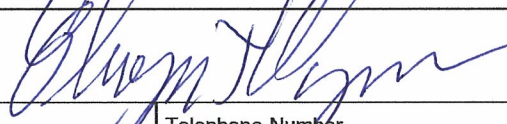
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name Elwyn T. Wynn	Signature 
Title President	Date 2/16/2018
	Telephone Number 5412962101

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)



Station License



Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
KODL	BP-20160919AAE	1440	Daytime with Secondary Nighttime	0.023	1.0

2. Station location

State Oregon	City or Town The Dalles
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3. Transmitter location

State OR	County Wasco	City or Town The Dalles	Street address (or other identification) Signal Hill, 3 Miles East of C.O.L.
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4. Main studio location

State OR	County Wasco	City or Town The Dalles	Street address (or other identification) 404 E. 2nd Street
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5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
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6. Has type-approved stereo generating equipment been installed?



Yes



No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?



Yes



No



Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system 1 Amperes		RF common point or antenna current (in amperes) without modulation for day system 6.6 Amperes	
Measured antenna or common point resistance (in ohms) at operating frequency Night 23	Day 23	Measured antenna or common point reactance (in ohms) at operating frequency Night J -58	Day J -58

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day

Manufacturer and type of antenna monitor:

SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator Self Supported	Overall height in meters of radiator above base insulator, or above base, if grounded. 36.2	Overall height in meters above ground (without obstruction lighting) 41.2	Overall height in meters above ground (include obstruction lighting) 41.2	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div>Exhibit No. N.A.</div>
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Excitation ☒ Series ☐ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude 45 ° 37 ' 12 "	West Longitude 121 ° 05 ' 59 "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
III-A

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
III-B


10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

No change

11. Give reasons for the change in antenna or common point resistance.

No Change

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Colin B. Malcolm	Signature (check appropriate box below) 
Address (include ZIP Code) P.O. Box 697	Date 2/15/2015
Goldendale, WA 98620	Telephone No. (Include Area Code) 5419937300

☐ Technical Director

☐ Registered Professional Engineer

☒ Chief Operator

☐ Technical Consultant

☐ Other (specify)

EXHIBIT III-A

OTHER ANTENNA'S ON TOWER

It is noted that applicant has side mounted a 2 bay Jampro JLCP FM antenna to the tower. The tower itself is self supported and tapered. The FM antenna is for the stations authorized translator on 100.5 Mhz (K263BT) and rebroadcasts the AM's signal. The ERP of the FM translator is 250 watts. The antenna is mounted on a tower leg, at a point to put the center of radiation of the antenna at 18 meters above ground level. The FM antenna is isolated from the tower using a Kintronic Labs FMC- 1.5 Isocoupler mounted in accordance with the recommended specifications and covers the entire FM band.

EXHIBET III-B

HATFIELD & DAWSON

CONSULTING ELECTRICAL ENGINEERS

9500 GREENWOOD AVE. N.

SEATTLE, WASHINGTON 98103

THOMAS M. ECKELS, PE
STEPHEN S. LOCKWOOD, PE
DAVID J. PINION, PE
ERIK C. SWANSON, PE

THOMAS S. GORTON, PE
MICHAEL H. MEHIGAN, PE

JAMES B. HATFIELD, PE
BENJAMIN F. DAWSON III, PE
CONSULTANTS

TELEPHONE (206) 783-9151
FACSIMILE (206) 789-9834
E-MAIL hatdaw@hatdaw.com

MAURY L. HATFIELD, PE
(1942-2009)
PAUL W. LEONARD, PE
(1925-2011)

ENGINEERING STATEMENT

Prepared for Larson-Wynn, Inc.,
KODL, The Dalles, OR Facility ID # 36629
Per Construction Permit BP-20160919AAE

The outstanding construction permit for KODL contains two conditions which require responses in the consequent application for license.

The permit specifies that a fence be erected so as to prevent casual or inadvertent access to the vicinity of the antenna tower where non-ionizing radiation values may exceed those specified in 47CFR73.1310 Table 1. An analysis performed using a moment method model of the antenna shows that these values will not be exceeded at any distance greater than 0.5 meters from the tower base at elevations of 1 and 2 meters, normal human body heights. Therefore the tower base has been fenced at a distance of 1 meter from its concrete base (which is larger than the tower itself, of course). The tower base insulators are at an elevation of approximately 3 meters above ground and no current flows in the portion of the tower below those insulators, save for the trivial current through the insulators. Therefore this analysis is extremely conservative. The fence is equipped with suitable signage.

As noted in the application for construction permit, the antenna tower was the center element of a Department of Commerce aviation navigation antenna, and the total area of the grounding for that system was extensive. In addition, a radial ground system of 100 galvanized steel wires 150 feet in length has been buried. The excavation for this installation disclosed substantial interconnections to the original ground system, and therefore demonstrates the adequacy of the total grounding for operation of the antenna at its calculated efficiency.

The antenna is series fed.

February 15, 2018



Benj. F. Dawson III, P.E.

FEB 22 2018

US BANK/FCC



7017 0190 0000 8432 7681



1021



63197

U.S. POSTAGE
PAID
THE DALLES, OR
FEB 2018
AMOUNT
\$8.04
R2303M149269-10

LARSON-WYNN, INC

P.O. Box 1488

THE DALLES, OREGON 97058

FEDERAL COMMUNICATIONS COMMISSION

MEDIA BUREAU

P.O. BOX 979089

ST. LOUIS, MO 63197-9000

