

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.

SECTION I - APPLICANT FEE INFORMATION

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

ROB INGSTAD LICENSES, LLC

MAILING ADDRESS (Line 1) (Maximum 35 characters)

529 5TH AVENUE

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY
FAIRBANKS

STATE OR COUNTRY (If foreign address)
AK

ZIP CODE
99701

TELEPHONE NUMBER (include area code)
907 451 5910

CALL LETTERS
KFAR

OTHER FCC IDENTIFIER (If applicable)
FAC ID # 6438

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):

non-feeable
application

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		

(B) FEE MULTIPLE			
0	0	0	1

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

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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)
\$

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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
\$

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SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT ROB INGSTAD LICENSES, LLC		
MAILING ADDRESS 529 5TH AVENUE		
CITY FAIRBANKS	STATE AK	ZIP CODE 99701

2. This application is for:

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

Call letters KFAR	Community of License Fairbanks	Construction Permit File No. BP-16200608 AA	Modification of Construction Permit File No(s). F	Expiration Date of Last Construction Permit TBD
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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

If No, explain in an Exhibit.

Exhibit No.

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

☒ Yes ☐ No

If No, state exceptions in an Exhibit.

Exhibit No.

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

If Yes, explain in an Exhibit.

Exhibit No.

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

If No, explain in an Exhibit.

Exhibit No.

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

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.

Exhibit No.

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 Robert Ingstad	Signature <i>ISI Robert J. Ingstad (DHS)</i>	
Title President	Date June 8, 2020	Telephone Number 907 451 5910

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

ROB INGSTAD LICNESES, LLC

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)



Station License



Direct Measurement of Power

correction of coordinates

1. Facilities authorized in construction permit					
Call Sign KFAR	File No. of Construction Permit (if applicable)	Frequency (kHz) 660	Hours of Operation UNLIMITED	Power in kilowatts	
				Night 10	Day 10
2. Station location					
State AK			City or Town FAIRBANKS		
3. Transmitter location					
State AK	County	City or Town FAIRBANKS		Street address (or other identification) 529 5TH AVENUE	
4. Main studio location					
State AK	County	City or Town FAIRBANKS		Street address (or other identification) 529 5TH AVENUE	
5. Remote control point location (specify only if authorized directional antenna)					
State AK	County	City or Town FAIRBANKS		Street address (or other identification) 529 5TH AVENUE	

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 12.5				RF common point or antenna current (in amperes) without modulation for day system 12.5		
Measured antenna or common point resistance (in ohms) at operating frequency Night 63.7 Day 63.7				Measured antenna or common point reactance (in ohms) at operating frequency Night 57.2 Day 57.2		
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
Non-directional						
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	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Tower	112.8	114.6	115.2	Exhibit No.

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 64 ° 48 ' 30.7 "	West Longitude 147 ° 29 ' 38.6 "
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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.
No Change

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

Exhibit No.
No Change

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 in the licensed operation; correction of coordinates & diplex added.

Tower Registration 1058620. Concurrently filed minor to correct coordinates

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

No change in the licensed operation; only added diplex equipment. Attached is the Kintronics Laboratories, Inc. design attached.

Spurious emission report also attached.

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) Edward P. De La Hunt	Signature (check appropriate box below) 151 Edward P. DeLaHunt (DMS)
Address (include ZIP Code) 17487 Driftwood Lane Park Rapids, MN 56470	Date 6/08/2020
	Telephone No. (Include Area Code) 703-887-6000

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☒ Technical Consultant

☐ Other (specify)

KFAR – 660 kHz – Fairbanks, AK

NRSC Report 2019

KFAR – 660 kHz – Fairbanks, AK

NRSC Report 2020

June 8, 2020

KFAR AM transmission system emission limitations report

This test was performed to demonstrate compliance with FCC rule § 73.44 emission limitations. I, Chris Meadows, performed this test on June 5, 2020 between 9am and 1pm. The measurements were made on Lakloey Road approximately one kilometer from the transmitter site. I used a signal hound SA44B spectrum analyzer serial number 18127915 and a Potomac Instruments FIM-4100 serial number 0217.

Frequency in kHz removed from carrier	Required attenuation in dB	Actual attenuation below carrier	Actual attenuation above carrier
10.2-20	25	Pass	Pass
20-30	35	Pass	Pass
30-60	35-65	Pass	Pass
60-75	65	Pass	Pass
Over 75	80	Pass	Pass

For the measurements greater than 100kHz removed from 660 the FIM was used. I checked the intermod frequencies with 820kHz since KFAR and KCBF are now diplexed into the same tower. Readings at 980kHz and 1160kHz pickup up local stations KFBX and KJNP so could not be accurately measured, other than those no emissions greater than 80dB were found.



Chris Meadows

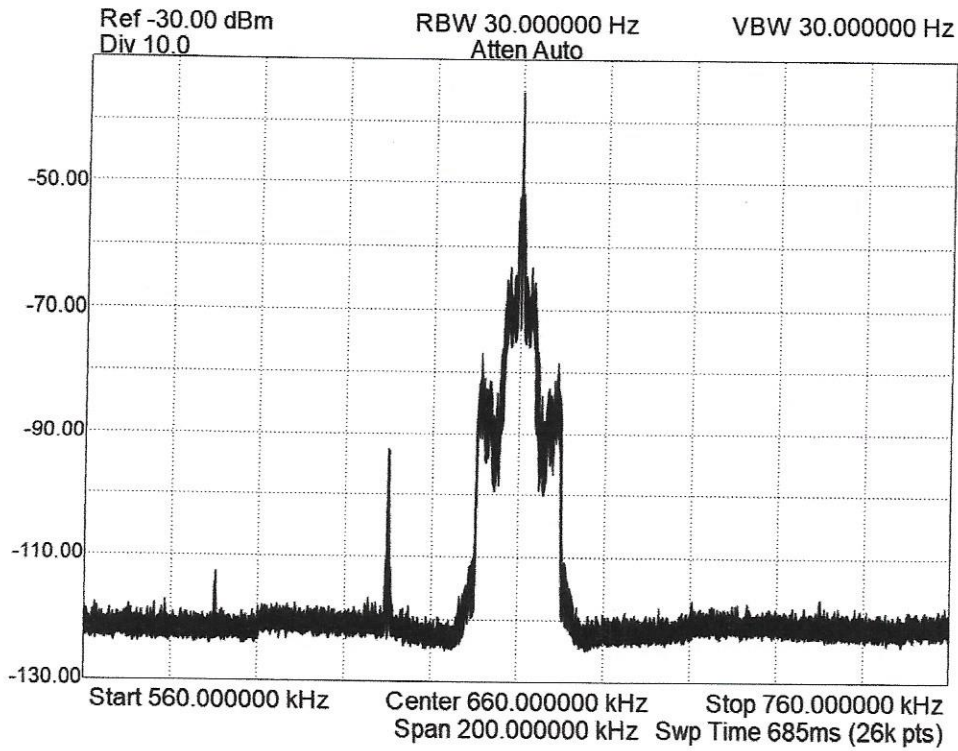
Chief Engineer

Last Frontier Mediactive

6/8/2020

FIM Measurements

frequency	Measurement (mv/m)	Relative to 660 (dB)
660kHz	780mv/m	
820kHz	760mv/m	
980kHz	unable to measure	
1140kHz	none found	
1160kHz	unable to measure	
1320kHz	none found	
1480kHz	.012	-97
1640kHz	none found	
1800kHz	none found	
1820kHz	none found	
1980kHz	none found	
2140kHz	.015	-94
2300kHz	.017	-93
2460kHz	none found	
2620kHz	none found	
2640kHz	none found	
2800kHz	none found	
2960kHz	none found	
3120kHz	none found	
3280kHz	none found	
3300kHz	none found	
3460kHz	.018	-93
3620kHz	.022	-91
3780kHz	none found	
3940kHz	none found	
4100kHz	none found	



Note: Spike at 630kHz is KIAM Nenana

