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December 13, 2022

VIA e-mail: audiofilings@fcc.gov

Marlene H. Dortch, Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: Inspiration Media, Inc. FRN: 0001635275
KKOL(AM), Seattle, WA (Facility ID 20355)
Application for Construction Permit – Form 301

Dear Ms. Dortch:

On behalf of Inspiration Media, Inc., licensee of AM station KKOL, Seattle, WA, we are submitting an application on FCC Form 301 for construction permit to reduce the daytime power level.

Should there be any questions concerning this application, please contact the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kathleen A. Kirby", written over a light gray circular background.

Kathleen A. Kirby

FOR
FCC
USE
ONLY

FCC 301

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

FOR COMMISSION USE ONLY

FILE NO.

Section I - General Information

1	Legal Name of the Applicant Inspiration Media, Inc.		
	Mailing Address 4880 Santa Rosa Road		
	City Camarillo	State or Country (if foreign address) CA	ZIP Code 93012
	Telephone Number (include area code) (805)987-2400	E-Mail Address (if available) tracey.kim@salemmedia.com	
	FCC Registration Number 0001635275	Call Sign KKOL(AM)	Facility ID Number 20355

2.	Contact Representative (if other than applicant) Kathleen A. Kirby	Firm or Company Name Wiley Rein LLP	
	Mailing Address 2050 M Street, NW		
	City Washington	State or Country (if foreign address) DC	ZIP Code 20036
	Telephone Number (include area code) (202)719-3360	E-Mail Address (if available) kkirby@wiley.law	

3. If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114):

☐ Governmental Entity ☐ Other _____

4. Application Purpose.

- | | |
|--|--|
| <input type="checkbox"/> New Station | <input type="checkbox"/> Major Modification of construction permit |
| <input type="checkbox"/> New Station with Petition for Rulemaking or Counterproposal to Amend FM Table of Allotments | <input type="checkbox"/> Minor Modification of construction permit |
| <input type="checkbox"/> New Station with Petition for Rulemaking or Counterproposal to Amend FM Table of Allotments using Tribal Priority | <input type="checkbox"/> Major Amendment to pending application |
| | <input type="checkbox"/> Minor Amendment to pending application |

☐ Major Change in licensed facility

☒ Minor Change in licensed facility

a. File number of original construction permit: _____

☐ N/A

b. Service Type: ☒ AM ☐ FM ☐ TV ☐ DTV ☐ DTS

c. DTV Type: ☐ Pre-Transition ☐ Post-Transition ☐ Both

d. Community of License:

City Seattle	State WA
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e. Facility Type: ☒ Main ☐ Auxiliary

If an amendment, submit as an Exhibit a listing by Section and Question Number of the portions of the pending application that are being revised.

Exhibit No.

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

Section II - Legal

1. **Certification.** Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets. ☒ Yes ☐ No

2. **Parties to the Application.**

- a. List the applicant, and, if other than a natural person, its officers, directors, stockholders and other entities with attributable interests, non-insulated partners and/or members. If a corporation or partnership holds an attributable interest in the applicant, list separately its officers, directors, stockholders and other entities with attributable interests, non-insulated partners and/or members. Create a separate row for each individual or entity. Attach additional pages if necessary.

(1) Name and address of the applicant and each party to the application holding an attributable interest (if other than individual also show name, address and citizenship of natural person authorized to vote the stock or holding the attributable interest). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and other entities with attributable interests, and partners.

(2) Citizenship.

(3) Positional Interest: Officer, director, general partner, limited partner, LLC member, investor/creditor attributable under the Commission's **equity/debt plus** standard, etc.

(4) Percentage of votes.

(5) Percentage of total assets (equity plus debt).

(1)	(2)	(3)	(4)	(5)

- b. Applicant certifies that equity and financial interests not set forth above are non-attributable.

☐ Yes ☐ No

See Explanation in Exhibit No.

☐ N/A

3. **Other Authorizations.** List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest.

Exhibit No.

☐ N/A

4. **Multiple Ownership.**

- a. Is the applicant or any party to the application the holder of an attributable radio joint sales agreement or an attributable radio or television time brokerage agreement in the same market as the station subject to this application?

☐ Yes ☒ No

If "YES," radio applicants must submit as an Exhibit a copy of each such agreement for radio stations.

Exhibit No.

Section II - Legal

- b. Applicant certifies that the proposed facility complies with the Commission's multiple ownership rules.

☒ Yes ☐ No

Radio applicants only: If "Yes," submit an Exhibit providing information regarding the market, broadcast station(s), and other information necessary to demonstrate compliance with 47 C.F.R. Section 73.3555(a).

See Explanation
in Exhibit No.

All Applicants: If "No," submit as an Exhibit a detailed explanation in support of an exemption from, or waiver of, 47 C.F.R. Section 73.3555.

- c. Applicant certifies that the proposed facility:

☒ Yes ☐ No

- (1) does not present an issue under the Commission's policies relating to media interests of immediate family members;
- (2) complies with the Commission's policies relating to future ownership interests; and
- (3) complies with the Commission's restrictions relating to the insulation and non-participation of non-party investors and creditors.

See Explanation
in Exhibit No.

- d. Does the Applicant claim status as an "eligible entity," that is, an entity that qualifies as a small business under the Small Business Administration's size standards for its industry grouping (as set forth in 13 C.F.R. Section 121.201), and holds:

☐ Yes ☒ No

- (1) 30 percent or more of the stock or partnership interests and more than 50 percent of the voting power of the corporation or partnership that will own the media outlet; or
- (2) 15 percent or more of the stock or partnership interests and more than 50 percent of the voting power of the corporation or partnership that will own the media outlet, provided that no other person or entity owns or controls more than 25 percent of the outstanding stock or partnership interests; or
- (3) more than 50 percent of the voting power of the corporation that will own the media outlet (if such corporation is a publicly traded company)?

See Explanation
in Exhibit No.

All applicants: If "Yes," submit as an Exhibit a detailed showing demonstrating proof of status as an eligible entity.

5. **Character Issues.** Applicant certifies that neither applicant nor any party to the application

☐ Yes ☐ No

- a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or
- b. any pending broadcast application in which character issues have been raised.

See Explanation
in Exhibit No.

6. **Adverse Findings.** Applicant certifies that, with respect to the applicant and any party to the application, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.

☐ Yes ☐ No

See Explanation
in Exhibit No.

7. **Alien Ownership and Control.** Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.

☐ Yes ☐ No

See Explanation
in Exhibit No.

8. **Program Service Certification.** Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.

☐ Yes ☐ No

9. **Local Public Notice.** Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.

☐ Yes ☐ No

10. **Auction Authorization.** If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable.

☐ Yes ☐ No ☐ N/A

Exhibit No.

An exhibit is required unless this question is inapplicable.

11. **Anti-Drug Abuse Act Certification.** Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

☒ Yes ☐ No

12. **Equal Employment Opportunity (EEO).** If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.

☐ Yes ☐ No ☐ N/A

13. **Petition for Rulemaking/Counterproposal to Add New FM Channel to FM Table of Allotments.** If the application is being submitted concurrently with a Petition for Rulemaking or Counterproposal to Amend the FM Table of Allotments (47 C.F.R. Section 73.202) to add a new FM channel allotment, petitioner/counter-proponent certifies that, if the FM channel allotment requested is allotted, petitioner/counter-proponent will apply to participate in the auction of the channel allotment requested and specified in this application.

☐ Yes ☐ No ☐ N/A

14. **Tribal Priority - Threshold Qualifications.** Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window? An Applicant answering "Yes" must provide an Exhibit demonstrating that it would have been qualified to add the allotment for which it is applying using the Tribal Priority.

☐ Yes ☐ No

Exhibit No.

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. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

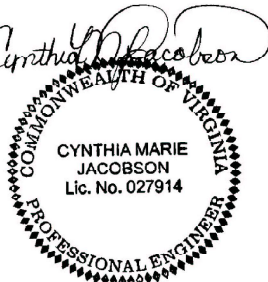
Typed or Printed Name of Person Signing Christopher J. Henderson	Typed or Printed Title of Person Signing Executive Vice President and Secretary
Signature <i>Christopher Henderson</i>	Date 12/9/2022

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 PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name Cynthia M. Jacobson, P.E.	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer	
Signature <i>Cynthia M. Jacobson</i>	Date 12/8/22	
Mailing Address Carl T. Jones Corp., 7901 Yarnwood Ct.		
City Springfield	Country (if foreign address) VA	ZIP Code 22153
Telephone Number (include area code) 703-569-7704	Address (if available) cjacob@ctjc.com	



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 PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

SECTION III - A AM Engineering

TECHNICAL SPECIFICATIONS Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1. Frequency: 1300 kHz

2. Class: ☐ A ☒ B ☐ C ☐ D

3. Hours of Operation: ☒ Unlimited ☐ Limited ☐ Daytime ☐ Share Time ☐ Specified Hours:

4. Daytime Operation: ☒ Yes ☐ No

a. Power: 35.0 kW

b. Antenna Location Coordinates: (NAD 27)

47 ° 39 ' 19 " ☒ N ☐ S Latitude

122 ° 31 ' 06 " ☐ E ☒ W Longitude

c. Nondirectional: ☐ Yes ☒ No

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical mV/m per kW at 1 km

Tower	
Overall height above ground (include obstruction lighting) (meters)	
Antenna structure registration	<div>Number</div> <div><input type="checkbox"/> Notification filed with FAA</div> <div><input type="checkbox"/> Not applicable</div>
Height of radiator above base insulator, or above base, if grounded (meters)	
Electrical height of radiator (degrees)	
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

TECH BOX - DAYTIME OPERATION

d. Directional:

☒ Yes ☐ No

Exhibit No.

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Theoretical 1822 mV/m at 1 km

Standard RMS: 1914 mV/m at 1 km

Towers	1	2	3	4
Overall height above ground (include obstruction lighting) (meters)	57.6	57.6		
Antenna structure registration	<u>1026122</u> <input type="checkbox"/> Number Notification filed with FAA <input type="checkbox"/> Not applicable	<u>1026121</u> <input type="checkbox"/> Number Notification filed with FAA <input type="checkbox"/> Not applicable	<input type="checkbox"/> Number Notification filed with FAA <input type="checkbox"/> Not applicable	<input type="checkbox"/> Number Notification filed with FAA <input type="checkbox"/> Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)	54.9	54.9		
Electrical height of radiator (degrees)	85.8	85.8		
Field ratio	0.700	1.000		
Phase (degrees)	-92.0	0		
Spacing (degrees)	0	110.4		
Tower orientation (degrees)	0	204.0		
Tower reference switch	0	0		
Top-Loaded/Sectionalized apparent height (degrees)				
A				
B				
C				
D				

Augmented:

☐ Yes ☒ No

If "Yes," complete the following:

Augmented RMS: _____ mV/m at 1 km

Azimuth

Span

Augmentation radiation
(mV/m at 1 km)

TECH BOX - NIGHTTIME OPERATION

5. Nighttime Operation:

☒ Yes ☐ No

a. Power: 3.2 kW

b. Antenna Location Coordinates: (NAD 27)

47 ° 39 ' 19 " ☒ N ☐ S Latitude
122 ° 31 ' 06 " ☐ E ☒ W Longitude

c. Nondirectional:

☐ Yes ☒ No

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical _____ mV/m per kW at 1 km

Tower	
Overall height above ground (include obstruction lighting) (meters)	
Antenna structure registration	<p>Number _____</p> <p><input type="checkbox"/> Notification filed with FAA</p> <p><input type="checkbox"/> Not applicable</p>
Height of radiator above base insulator, or above base, if grounded (meters)	
Electrical height of radiator (degrees)	
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

TECH BOX - NIGHTTIME OPERATION

d. Directional:

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

☒ Yes ☐ No

Exhibit No.

Theoretical 586.2 mV/m at 1 km
Standard RMS: 615.8 mV/m at 1 km

Towers	1	2	3	4
Overall height above ground (include obstruction lighting) (meters)	57.6	57.6		
Antenna structure registration	<u>1026122</u> <input type="checkbox"/> Number <input type="checkbox"/> Notification filed with FAA <input type="checkbox"/> Not applicable	<u>1026121</u> <input type="checkbox"/> Number <input type="checkbox"/> Notification filed with FAA <input type="checkbox"/> Not applicable	<input type="checkbox"/> Number <input type="checkbox"/> Notification filed with FAA <input type="checkbox"/> Not applicable	<input type="checkbox"/> Number <input type="checkbox"/> Notification filed with FAA <input type="checkbox"/> Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)	54.9	54.9		
Electrical height of radiator (degrees)	85.8	85.8		
Field ratio	0.616	1.000		
Phase (degrees)	-178.1	0		
Spacing (degrees)	0	110.4		
Tower orientation (degrees)	0	204.0		
Tower reference switch	0	0		
Top-Loaded/Sectionalized apparent height (degrees)				
A				
B				
C				
D				

Augmented:

☐ Yes ☒ No

If "Yes," complete the following:

Augmented RMS: _____ mV/m at 1 km
Azimuth _____ Span _____ Augmentation radiation _____

TECH BOX - CRITICAL HOURS OPERATION

6. Critical Hours Operation:

☐ Yes ☒ No

a. Power: _____ kW

b. Antenna Location Coordinates: (NAD 27)

_____ ° _____ ' _____ " ☐ N ☐ S Latitude
 _____ ° _____ ' _____ " ☐ E ☐ W Longitude

c. Nondirectional:

☐ Yes ☐ No

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical _____ mV/m per kW at 1 km

Tower	
Overall height above ground (include obstruction lighting) (meters)	
Antenna structure registration	<p>_____ Number</p> <p><input type="checkbox"/> Notification filed with FAA</p> <p><input type="checkbox"/> Not applicable</p>
Height of radiator above base insulator, or above base, if grounded (meters)	
Electrical height of radiator (degrees)	
Top-Loaded/Sectionalized apparent height (meters)	
A	
B	
C	
D	

TECH BOX - CRITICAL HOURS OPERATION

d. Directional:

☐ Yes ☐ No

if "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical mV/m at 1 km

Standard RMS: mV/m at 1 km

Towers	1	2	3	4
Overall height above ground (include obstruction lighting) (meters)				
Antenna structure registration	<div style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> Notification filed with FAA</div> <div><input type="checkbox"/> Not applicable</div> </div>	<div style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> Notification filed with FAA</div> <div><input type="checkbox"/> Not applicable</div> </div>	<div style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> Notification filed with FAA</div> <div><input type="checkbox"/> Not applicable</div> </div>	<div style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></div> <div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> Notification filed with FAA</div> <div><input type="checkbox"/> Not applicable</div> </div>
Height of radiator above base insulator, or above base, if grounded (meters)				
Electrical height of radiator (degrees)				
Field ratio				
Phase (degrees)				
Spacing (degrees)				
Tower orientation (degrees)				
Tower reference switch				
Top-Loaded/Sectionalized apparent height (degrees)				
A				
B				
C				
D				

Augmented:

☐ Yes ☐ No

If "Yes," complete the following:

Augmented RMS: mV/m at 1 km

Azimuth

Span

Augmentation radiation

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

CERTIFICATION

7. **Broadcast Facility.** The proposed facility complies with the engineering standards and assignment requirements of 47 C.F.R. Sections 73.24(e), 73.24(g), 73.33, 73.45, 73.150, 73.152, 73.160, 73.182(a)-(i), 73.186, 73.189, 73.1650. **Exhibit Required.**
- ☒ Yes ☐ No See Explanation in Exhibit No.
- Exhibit No.
See Eng. Pkt.
8. **Community Coverage.** The proposed facility complies with community coverage requirements of 47 C.F.R. Section 73.24(i).
- ☒ Yes ☐ No See Explanation in Exhibit No.
9. **Main Studio Location.** The proposed main studio location complies with requirements of 47 C.F.R. Section 73.1125.
- ☒ Yes ☐ No See Explanation in Exhibit No.
10. **Interference.** The proposed facility complies with all of the following applicable rule sections. Check all those that apply. An exhibit is required for each applicable section.
- Groundwave.**
- a. ☒ 47 C.F.R. Section 73.37
- Exhibit No.
See Eng. Pkt.
- Skywave.**
- b. ☒ 47 C.F.R. Section 73.182.
- Exhibit No.
No change See Eng. Pkt.
- Critical Hours.**
- c. ☐ 47 C.F.R. Section 73.187.
- Exhibit No.
11. **Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radio frequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an **Exhibit is required.**
- ☒ Yes ☐ No See Explanation in Exhibit No.
- By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radio frequency electromagnetic exposure in excess of FCC guidelines.
12. **Community of License Change - Section 307(b).** If the application is being submitted to change the facility's community of license, then the applicant certifies that it has attached an exhibit containing information demonstrating that the proposed community of license change constitutes a preferential arrangement of assignments under Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b)).
- ☐ Yes ☐ No ☒ N/A
- Exhibit No.
- An exhibit is required unless this question is not applicable.**
13. **Dispositive Section 307(b) Preference**
- a. Was the AM facility that is the subject of this application awarded on the basis of a dispositive Section 307(b) preference?
- ☐ Yes ☒ No
- b. If yes to 13(a), applicant certifies that: (i) the community of license proposed in the subject application is the same as that on which the Section 307(b) preference was based, or (ii) as shown in the attached Exhibit, the service area proposed in the subject application is substantially equivalent to the service area on which the Section 307(b) preference was based.
- ☐ Yes ☐ No ☐ N/A
- Exhibit No.
- c. If yes to 13(a) and no to 13(b), applicant certifies that, although in the subject application it proposes to: (i) change the community of license, or (ii) modify service to the area on which the Section 307(b) preference was based, it has for a period of four years of on-air operations: (1) served the community of license, or (2) provided full service to the area on which the Section 307(b) preference was based.
- ☐ Yes ☐ No
- Exhibit No.

Multiple Ownership Exhibit

According to the Commission's local ownership rules, a party may have a cognizable interest in up to 8 commercial full power radio stations, not more than 5 of which are in the same service (AM or FM) in a metro market having 45 or more commercial and noncommercial educational full power radio stations. In the Seattle-Tacoma, WA Nielsen Metro Market, there are 83 commercial and noncommercial full power radio stations. The applicant owns KGNW(AM), KKOL(AM), KLFE(AM) and KNTS(AM) in this market. As a result, this application complies with the local radio ownership portion of the multiple ownership rules set forth in 47 C.F.R. Section 73.3555.

FCC Geographic Market Definition for Seattle-Tacoma, WA

Call Letters	AM/FM	Type		Home Market	Market Designntn	Home Mkt Rank	Owner	City & State of License	County of License
		Freq	Station Format						
KAOS	FM	89.3	NC Edtcs/Vary	Seattle-Tacoma, WA	07/02/2003	11	Evergreen State College	Olympia, WA	Thurston
KARR	AM	1460	NC DARK	Seattle-Tacoma, WA	07/02/2003	11	Dalke, James A	Kirkland, WA	King
KASB	FM	89.9	NC Variety	Seattle-Tacoma, WA	07/02/2003	11	Bellevue School District 405	Bellevue, WA	King
KBCS	FM	91.3	NC Variety	Seattle-Tacoma, WA	07/02/2003	11	Bellevue College	Bellevue, WA	King
KBKS	FM	106.1	C CHR	Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Tacoma, WA	Pierce
KBLE	AM	1050	C Religion	Seattle-Tacoma, WA	07/02/2003	11	Sacred Heart Radio Inc (WA)	Seattle, WA	King
KBRC	AM	1430	C Clsc Rock	Seattle-Tacoma, WA	11/03/2008	11	J & J Broadcasting Inc (WA)	Mount Vernon, WA	Skagit
KBRD	AM	680	NC Nostalgia	Seattle-Tacoma, WA	07/02/2003	11	BJ & Skip's For The Music Foundation	Lacey, WA	Thurston
KBRO	AM	1490	C Span/Relgn	Seattle-Tacoma, WA	07/02/2003	11	Iglesia Pentecostal Vispera Del Fin	Bremerton, WA	Kitsap
KBUP	AM	1240	C Religion	Seattle-Tacoma, WA	07/02/2003	11	Sacred Heart Radio Inc (WA)	Olympia, WA	Thurston
KCIS	AM	630	C Inspiration	Seattle-Tacoma, WA	07/02/2003	11	CRISTA Media	Edmonds, WA	Snohomish
KCMS	FM	105.3	C ChrsContem	Seattle-Tacoma, WA	07/02/2003	11	CRISTA Media	Edmonds, WA	Snohomish
KDDS	FM	99.3	C Mexican	Seattle-Tacoma, WA	07/02/2003	11	Bustos Media Holdings LLC	Elma, WA	Grays Harbor
KEXP	FM	90.3	NC Eclectic	Seattle-Tacoma, WA	07/02/2003	11	Friends of KEXP	Seattle, WA	King
KGHP	FM	89.9	NC AAA	Seattle-Tacoma, WA	07/02/2003	11	Peninsula School District No. 401	Gig Harbor, WA	Pierce
KGNW	AM	820	C Chrst/Talk	Seattle-Tacoma, WA	07/02/2003	11	Salem Media Group Inc	Burien-Seattle, WA	King
KGRG	AM	1330	NC Altve/Oldes	Seattle-Tacoma, WA	07/02/2003	11	Green River College	Enumclaw, WA	King
KGRG	FM	89.9	NC Modern	Seattle-Tacoma, WA	07/02/2003	11	Green River College	Auburn, WA	King
KGTK	AM	920	C Talk/BusNw	Seattle-Tacoma, WA	07/02/2003	11	Gottlieb, Alan M.	Olympia, WA	Thurston
KHHO	AM	850	C News/Talk	Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Tacoma, WA	Pierce
KHTP	FM	103.7	C Hip Hop	Seattle-Tacoma, WA	07/02/2003	11	Audacy	Tacoma, WA	Pierce
KING	FM	98.1	NC Classical	Seattle-Tacoma, WA	07/02/2003	11	Beethoven	Seattle, WA	King
KIRO	AM	710	C Sports	Seattle-Tacoma, WA	07/02/2003	11	Bonneville International Corporation	Seattle, WA	King
KIRO	FM	97.3	C Nws/Tlk/Inf	Seattle-Tacoma, WA	07/02/2003	11	Bonneville International Corporation	Tacoma, WA	Pierce
KISW	FM	99.9	C Rock	Seattle-Tacoma, WA	07/02/2003	11	Audacy	Seattle, WA	King
KITZ	AM	1400	C Talk/BusNw	Seattle-Tacoma, WA	07/02/2003	11	Gottlieb, Alan M.	Silverdale, WA	Kitsap
KIXI	AM	880	C Adlt Stndrd	Seattle-Tacoma, WA	07/02/2003	11	Hubbard Radio LLC	Mercer Island/seattl, WA	King
KJAQ	FM	96.5	C Adult Hits	Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Seattle, WA	King
KJEB	FM	95.7	C Clsc Hits	Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Seattle, WA	King
KJR	AM	950	C Sports	Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Seattle, WA	King
KJR	FM	93.3	C Sports	Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Seattle, WA	King
KKDZ	AM	1250	C South Asian	Seattle-Tacoma, WA	07/02/2003	11	Akal Broadcasting Corporation	Seattle, WA	King
KKMO	AM	1360	C Mexcn/Sprts	Seattle-Tacoma, WA	07/02/2003	11	Sea-Mar Community Health Center	Seattle, WA	King
KKNW	AM	1150	C News/Talk	Seattle-Tacoma, WA	07/02/2003	11	Hubbard Radio LLC	Tacoma, WA	Pierce
								Seattle, WA	King

"C" - Commercial Station; "NC" - Non Commercial Station

"p" indicates pending sale to owner listed

FCC Geographic Market Definition for Seattle-Tacoma, WA

Call Letters	AM/FM	Freq	Type	Station	Format	Home Market	Market			City & State of License	County of License
							Designn Date	Home Mkt Rank	Owner		
KKOL	AM	1300	C	Ethnic		Seattle-Tacoma, WA	07/02/2003	11	p Salem Media Group Inc	Seattle, WA	King
KKWF	FM	100.7	C	Country		Seattle-Tacoma, WA	07/02/2003	11	Audacy	Seattle, WA	King
KKXA	AM	1520	C	Country		Seattle-Tacoma, WA	10/11/2011	11	CAAM Partnership LLC	Snohomish, WA	Snohomish
KLAY	AM	1180	C	Religion		Seattle-Tacoma, WA	07/02/2003	11	Sacred Heart Radio Inc (WA)	Lakewood, WA	Snohomish
KLDY	AM	1280	C	Span/Relgn		Seattle-Tacoma, WA	07/02/2003	11	Iglesia Pentecostal Vispera Del Fin	Lacey, WA	Thurston
KLFE	AM	1590	C	Talk		Seattle-Tacoma, WA	07/02/2003	11	p Relevant Radio Inc	Seattle, WA	King
KLSW	FM	104.5	NC	ChrsContem		Seattle-Tacoma, WA	09/26/2005	11	Educational Media Foundation	Covington, WA	King
KMIA	AM	1210	C	Span/Relgn		Seattle-Tacoma, WA	07/02/2003	11	Bustos Media Holdings LLC	Auburn-Federal Way, WA	King
KMIH	FM	88.9	NC	Rhymc/CHR		Seattle-Tacoma, WA	07/02/2003	11	Mercer Island School District #400	Mercer Island, WA	King
KNDD	FM	107.7	C	Alternative		Seattle-Tacoma, WA	07/02/2003	11	Audacy	Seattle, WA	King
KNHC	FM	89.5	NC	Dance/Elect		Seattle-Tacoma, WA	07/02/2003	11	Seattle Public Schools	Seattle, WA	King
KNKX	FM	88.5	NC	Jaz/Blu/NPR		Seattle-Tacoma, WA	07/02/2003	11	Friends of 88.5 FM	Tacoma, WA	Pierce
KNTB	AM	1480	C	Span/Relgn		Seattle-Tacoma, WA	07/02/2003	11	Iglesia Pentecostal Vispera Del Fin	Lakewood, WA	Snohomish
KNTS	AM	1680	C	Mexican		Seattle-Tacoma, WA	07/02/2003	11	p Baaz Broadcasting Corp	Seattle, WA	King
KNJC	FM	98.9	C	Country		Seattle-Tacoma, WA	07/02/2003	11	Hubbard Radio LLC	Seattle, WA	King
KNWN	AM	1000	C	News		Seattle-Tacoma, WA	07/02/2003	11	Lotus Communications Corp	Seattle, WA	King
KNWN	FM	97.7	C	News		Seattle-Tacoma, WA	04/100knw2	11	Lotus Communications Corp	Oakville, WA	Grays Harbor
KPLI	FM	90.1	NC	Jaz/Blu/NPR		Seattle-Tacoma, WA	04/26/2005	11	Friends of 88.5 FM	Olympia, WA	Thurston
KPLZ	FM	101.5	C	Hot AC		Seattle-Tacoma, WA	07/02/2003	11	Lotus Communications Corp	Seattle, WA	King
KPTR	AM	1090	C	Talk		Seattle-Tacoma, WA	07/02/2003	11	iHeartMedia Inc	Seattle, WA	King
KQMV	FM	92.5	C	CHR		Seattle-Tacoma, WA	07/02/2003	11	Hubbard Radio LLC	Bellevue, WA	King
KRIZ	AM	1420	C	Gospel		Seattle-Tacoma, WA	07/02/2003	11	Bennett, Christopher & Gloria	Renton, WA	King
KRKO	AM	1380	C	Clsc Hits		Seattle-Tacoma, WA	07/02/2003	11	SR Broadcasting Inc	Everett, WA	Snohomish
KRPA	AM	1110	C	South Asian		Seattle-Tacoma, WA	07/02/2003	11	New Age Media Limited	Oak Harbor, WA	Island
KRWM	FM	106.9	C	AC		Seattle-Tacoma, WA	07/02/2003	11	Hubbard Radio LLC	Bremerton, WA	Kitsap
KRXY	FM	94.5	C	Hot AC		Seattle-Tacoma, WA	11/30/2009	11	Olympia Broadcasters Inc	Shelton, WA	Mason
KSER	FM	90.7	NC	Variety		Seattle-Tacoma, WA	07/02/2003	11	KSER Foundation	Everett, WA	Snohomish
KSUH	AM	1450	C	Korean		Seattle-Tacoma, WA	07/02/2003	11	Suh, Jean	Puyallup, WA	Pierce
KSWD	FM	94.1	C	Soft AC		Seattle-Tacoma, WA	07/02/2003	11	Audacy	Seattle, WA	King
KTDD	FM	104.9	C	ChrsContem		Seattle-Tacoma, WA	07/02/2003	11	W247 Broadcasting LLC	Eatonville, WA	Pierce
KTTH	AM	770	C	Talk		Seattle-Tacoma, WA	07/02/2003	11	Bonneville International Corporation	Seattle, WA	King
KUOW	FM	94.9	NC	Nws/Tlk/Inf		Seattle-Tacoma, WA	07/02/2003	11	University of Washington	Seattle, WA	King
KUOW	AM	1340	NC	Nws/Tlk/Inf		Seattle-Tacoma, WA	07/02/2003	11	University of Washington	Tumwater, WA	Thurston
KUPS	FM	90.1	NC	AOR		Seattle-Tacoma, WA	07/02/2003	11	University of Puget Sound	Tacoma, WA	Pierce

"C" - Commercial Station; "NC" - Non Commercial Station

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FCC Geographic Market Definition for Seattle-Tacoma, WA

Call Letters	AM/FM	Freq	Type	Station	Format	Home Market	Market			City & State of License	County of License
							Designtn	Home Mkt	Owner		
							Date	Rank			
KVI	AM	570	C	Talk		Seattle-Tacoma, WA	07/02/2003	11	Lotus Communications Corp	Seattle, WA	King
KVTI	FM	90.9	NC	Cl/NPR/Jaz	Seattle-Tacoma, WA		07/02/2003	11	Clover Park Technical College	Tacoma, WA	Pierce
KWAO	FM	88.1	NC	Chrst/Altve	Seattle-Tacoma, WA		05/03/2018	11	Educational Media Foundation	Ocean Park, WA	Pacific
KWFJ	FM	89.7	NC	Christian	Seattle-Tacoma, WA		07/02/2003	11	Bible Broadcasting Network Inc	Roy, WA	Pierce
KWPZ	FM	106.5	C	ChrsContem	Seattle-Tacoma, WA		07/02/2003	11	CRISTA Media	Lynden, WA	Whatcom
KWYZ	AM	1230	C	Korean	Seattle-Tacoma, WA		07/02/2003	11	Suh, Jean	Everett, WA	Snohomish
KXIR	FM	89.9	NC	Variety	Seattle-Tacoma, WA		02/05/2014	11	KSER Foundation	Freeland, WA	Island
KXPA	AM	1540	C	Asian/Ethnc	Seattle-Tacoma, WA		07/02/2003	11	MultiCultural Radio Broadcasting Inc	Bellevue, WA	King
KXXO	FM	96.1	C	Soft AC	Seattle-Tacoma, WA		07/02/2003	11	3 Cities Inc	Olympia, WA	Thurston
KYFQ	FM	91.7	NC	Christian	Seattle-Tacoma, WA		07/02/2003	11	Bible Broadcasting Network Inc	Tacoma, WA	Pierce
KYIZ	AM	1620	C	UCH/HHpV	Seattle-Tacoma, WA		07/02/2003	11	Bennett, Christopher & Gloria	Renton, WA	King
KZLZ	AM	1560	C	DARK	Seattle-Tacoma, WA		07/02/2003	11	AkaI Broadcasting Corporation	Pacific, WA	Pierce
KZNW	FM	103.3	C	Mexican	Seattle-Tacoma, WA		05/17/2016	11	Bustos Media Holdings LLC	Oak Harbor, WA	Island
KZOK	FM	102.5	C	Clsc Rock	Seattle-Tacoma, WA		07/02/2003	11	iHeartMedia Inc	Seattle, WA	King
KZTM	FM	102.9	C	Mexican	Seattle-Tacoma, WA		10/25/2005	11	Bustos Media Holdings LLC	Mckenna, WA	Pierce

Number of Stations in Geographic Market 83

Previous Stations in Geographic Market

KACS	FM	90.5	NC	CCtmp/Relg			08/12/2015	0	Chehalis Valley Ed Foundation	Chehalis, WA	Lewis
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**ENGINEERING EXHIBIT
IN SUPPORT OF AN
APPLICATION FOR CONSTRUCTION PERMIT
KKOL(AM) – SEATTLE, WASHINGTON
1300 kHz – 35.0 kW DAY/3.2 kW NIGHT – DA-2-U
FACILITY ID: 20355**

Applicant: Inspiration Media, Inc.

December, 2022

TABLE OF CONTENTS

FCC Form 301 – Section III

STATEMENT OF CYNTHIA M. JACOBSON, P.E.

FIGURE NUMBER

Daytime Horizontal Standard Radiation Pattern	1
Tabulation of Daytime Horizontal Field.....	2
Present and Proposed Daytime 1000 mV/m Contours	3
Present and Proposed Daytime 5.0 mV/m Contours	4
Present and Proposed Daytime 0.5 mV/m Contours	5



ENGINEERING EXHIBIT
IN SUPPORT OF AN
APPLICATION FOR CONSTRUCTION PERMIT
KKOL(AM) – SEATTLE, WASHINGTON
1300 kHz – 35.0 kW DAY/3.2 kW NIGHT – DA-2-U
FACILITY ID: 20355

Applicant: Inspiration Media, Inc.

I am a Radio Engineer, an employee in the firm in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia.

My education and experience are a matter of record with the Federal Communications Commission. I am a Registered Professional Engineer in the Commonwealth of Virginia, Registration No. 0402027914.

GENERAL

This office has been authorized by Inspiration Media, Inc. ("Inspiration"), licensee of Standard Broadcast Station KKOL, Seattle, Washington, to prepare this statement, FCC Form 301 (Section III), and the attached engineering figures in support of an Application for Construction Permit to reduce the daytime power level from 50.0 kilowatts to 35.0 kW.

The instant application proposes to reduce the daytime power level of KKOL as a condition to the Assignment Authorization.¹ KKOL presently operates on 1300 kHz with a power of 50.0 kilowatts day and 3.2 kilowatts night utilizing a two tower array (DA-2). Due to public complaints of blanketing issues, the FCC has ordered that KKOL reduce the daytime power level from 50.0 kW to 35.0 kW, while using the authorized daytime antenna pattern.² The power level was determined with KKOL operating pursuant to an STA³ to incrementally increase to determine what power level that would be acceptable. The nighttime power will remain unchanged at 3.2 kW. The present two-tower array will be employed for both modes.

ANTENNA SYSTEM

The antenna system consists of two uniform cross-section, guyed towers, 85.8 electrical degrees in height at the frequency of 1300 kHz. Both towers are be utilized by KKOL for the day and night operation. The details of the KKOL proposed daytime directional antenna system are contained in Figures 1 and 2. Figure 1 is a polar plot of the proposed daytime directional radiation pattern in the horizontal plane, and Figure 2 is a tabulation of the daytime horizontal fields in mV/m at 1 kilometer.

¹ FCC File No. 0000150697, authorizing the assignment of KKOL from INTELLI LLC to Inspiration Media, Inc., granted November 18, 2022.

² The Renewal of License, FCC File No. 161926 was also conditioned for the resolution of reasonable complaints of blanketing interference from the local residences.

³ FCC File No. BSTA-20210806AAB, granted August 25, 2021.

GROUND SYSTEM

The ground system consists of 120 evenly spaced, buried, copper wire radials per tower. The radials are 76.2 meters long, except where bonded to the transverse copper strap between towers.

FAA NOTIFICATION AND TOWER REGISTRATION

Because KKOL is using the current site with existing towers, no further notification to the Federal Aviation Administration (FAA) is necessary. The existing towers have beacons located atop both structures though they are not lit per the approval of the FAA in 1982. The FCC Tower Registration Numbers for the #1 (North) and #2 (South) towers are 1026122 and 1026121, respectively.

SITE AND SURROUNDING TERRAIN

The center of array coordinates (NAD-27) are:

North Latitude: 47 – 39 – 19

West Longitude: 122 – 31 – 06

BLANKETING AND STATION INTERACTION

The present and proposed 1000 mV/m daytime contours are shown in Figure 3. The population within the proposed daytime 1000 mV/m contour is less than that previously authorized. The proposal described herein continues to satisfy Section

73.24(g) of the Rules, the population within the proposed daytime 1000 mV/m is less than 1.0 percent of the population within the proposed daytime 25.0 mV/m contour. The daytime power has been reduced in response to complaints of blanketing interference. The applicant will respond to any reasonable complaints of blanketing interference and undertake the steps as necessary to mitigate the blanketing effects in accordance with Section 73.88 and 73.318(b-d) of the Rules and as outlined in the FCC issued letter dated November 18, 2022 authorizing both the License Renewal Application⁴ and the Assignment Application.⁵

The proposed KKOL/KLFE/KNTS shared antenna site is located greater than 3 kilometers from any area AM station. Also, there are no FM or TV stations located within 10 kilometers of the proposed site. Therefore, it is expected that no detrimental interaction will occur with any station due to the fact that the proposal is for a power reduction.

COVERAGE CONTOURS

The present and proposed daytime service contours are shown in Figures 4. The city of license, Seattle, Washington, is fully encompassed by the proposed daytime 5.0 mV/m contour.

⁴ FCC File No. 161926.

⁵ FCC File No. 150697.

The present and proposed daytime 0.5 mV/m contours are depicted in Figure 5.

DAYTIME ALLOCATION STUDY

The proposed daytime operation is strictly a power reduction using the current daytime directional antenna pattern and therefore, a daytime allocation study is not included herein. As depicted in Figure 5, it can be seen that the proposed 0.5 mV/m daytime contour is wholly encompassed by the present 0.5 mV/m daytime contour.

NIGHTTIME ALLOCATION STUDY

No changes are proposed to the current authorized nighttime facility.

ENVIRONMENTAL IMPACT

The proposal described herein meets the criteria specified in Section 1.1306 of the Commission's Rules as an action which is categorically excluded from environmental processing.

The proposal described herein does not involve a site location specified under Section 1.1307(a)(1)-(7) of the Rules, nor high intensity lighting as specified under section 1.1307(a)(8).

RADIOFREQUENCY IMPACT

Effective January 1, 1986, the FCC amended its Rules to implement the National Environmental Policy Act (NEPA). This amendment established RF radiation protection guidelines to be used to determine if potentially harmful RF exposure is possible from an FCC-regulated facility. The guidelines that were adopted were those issued in 1982 by the American National Standards Institute (ANSI). The FCC has also issued OET Bulletin No. 65 entitled, "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation" to aid in the radiation exposure analysis. This bulletin, based on the ANSI standard, as well as other current literature, provides detailed information for conducting an analysis including mathematical equations that can be used to determine compliance with the Commission's guidelines.

The proposed KKOL facility is be co-located with the 1590 kHz operation of KLFE and the 1680 kHz expanded band operation of KNTS, thus the proposed site is considered a multiple-use site.

CALCULATION METHODS

Verification of compliance with FCC-specified guidelines for human exposure to RF radiation was obtained from OET Bulletin No. 65, Supplement A. To obtain distance to compliance with the guidelines, Table 2 was used. The proposed KKOL facility will operate on 1300 kHz with a nominal daytime power of 35.0 kW and a nighttime power of 3.2 kW (DA-2). Radio station KLFE(AM) is licensed to operate on 1590 kHz with a

nominal daytime power of 20.0 kW daytime and 5.0 kW nighttime (DA-2). The KNTS expanded band facility operates on 1680 kHz with a daytime power of 10.0 kW and a nighttime power of 1.0 kW. The highest resulting power is in the south tower during the daytime mode. This combined power level is 33.93 kW from the KKOL proposed day and the KLFE day.⁶ Table 2 of Supplement A (Edition 97-01) to OET Bulletin 65 (Edition 97-01) provides compliance distances for a tower height of 0.25 wavelength. The frequency range of 1550 kHz – 1705 kHz provides a worst-case analysis. Under this worst-case scenario, a fence of no less than 3.8 meters from the base of the tower would be compliant with the radio-frequency energy requirements of the FCC regarding the occupational/controlled and the general population/uncontrolled MPE limits. In all other operating modes, fencing requirements would be less than 3.8 meters to ensure compliance. Because the fencing requirement is a reduced value from the previous 50.0 kW daytime operation of KKOL, it is expected that all existing fencing around the bases will meet these requirements.

The fences will be locked to preclude public access to the towers and appropriate warning signs will also be posted. If requested by the Commission, the applicant will conduct electromagnetic field strength measurements to establish that the site complies with the ANSI guidelines.

⁶ The expanded band operation of KNTS uses the north tower for the nondirectional operation.

It is submitted that the proposed KKOL station will not constitute a potential hazard to the quality of the human environment. Accordingly, the KKOL proposal, as described herein, should be categorically excluded from RF environmental processing under Section 1.1307(b) of the Rules.

OCCUPATIONAL SAFETY

Access to the KKOL/KLFE/KNTS antenna supporting tower bases will be restricted to authorized maintenance personnel only. KKOL ensures protection to station personnel or tower contractors working in the vicinity of the KLFE, KNTS, and proposed KKOL antenna. KKOL will initiate joint procedures with KLFE and KNTS to be followed during times of service or maintenance of the transmission systems when necessary to avoid potentially harmful exposure to personnel. Procedures will be in place to ensure continued protection of personnel.

CONCLUSION

This statement and Sections III of FCC Form 301 and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct.

It is submitted that the proposed operation described herein complies with the technical standards of the Rules and Regulations of the Commission.

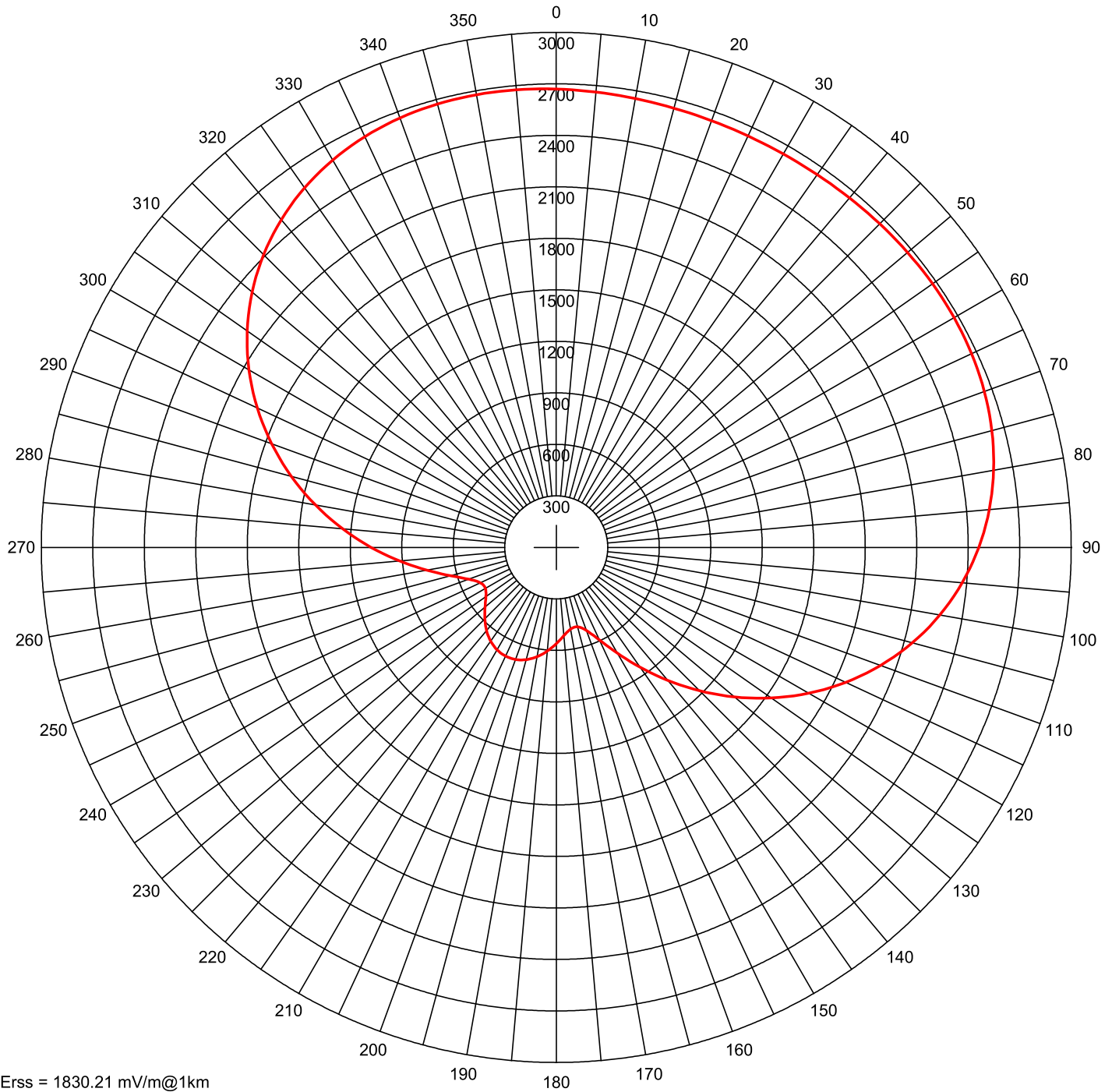
STATEMENT OF CYNTHIA M. JACOBSON, P.E.
KKOL – SEATTLE, WASHINGTON
PAGE 9

DATED: December 8, 2022



AM Directional Pattern

FIGURE 1



Erss = 1830.21 mV/m@1km
 Theo RMS: 1822 mV/m@1km
 Std RMS: 1914 mV/m@1km
 Q: 59.161 mV/m@1km

Standard Horizontal Plane Pattern

— Pattern (mV/m @ 1km)
 — Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	0.700	-92.0	0.0	0.0	85.8	0	0	0.0	0.0	0.0	0.0
2	1.000	0.0	110.4	204.0	85.8	0	0	0.0	0.0	0.0	0.0

PROPOSED DAYTIME HORIZONTAL PLANE
 STANDARD RADIATION PATTERN
 KKOL - SEATTLE, WASHINGTON
 1300 kHz - 35.0 kW DAY/3.2 kW NIGHT - DA-2
 DECEMBER, 2022

Call: KKOL
 Freq: 1300 kHz
 SEATTLE, WA, US
 Hours: D
 Lat: 47-39-19 N [NAD27]
 Lng: 122-31-06 W
 Power: 35.0 kW
 Theo RMS: 1822 mV/m@1km
 @ 35.0 kW

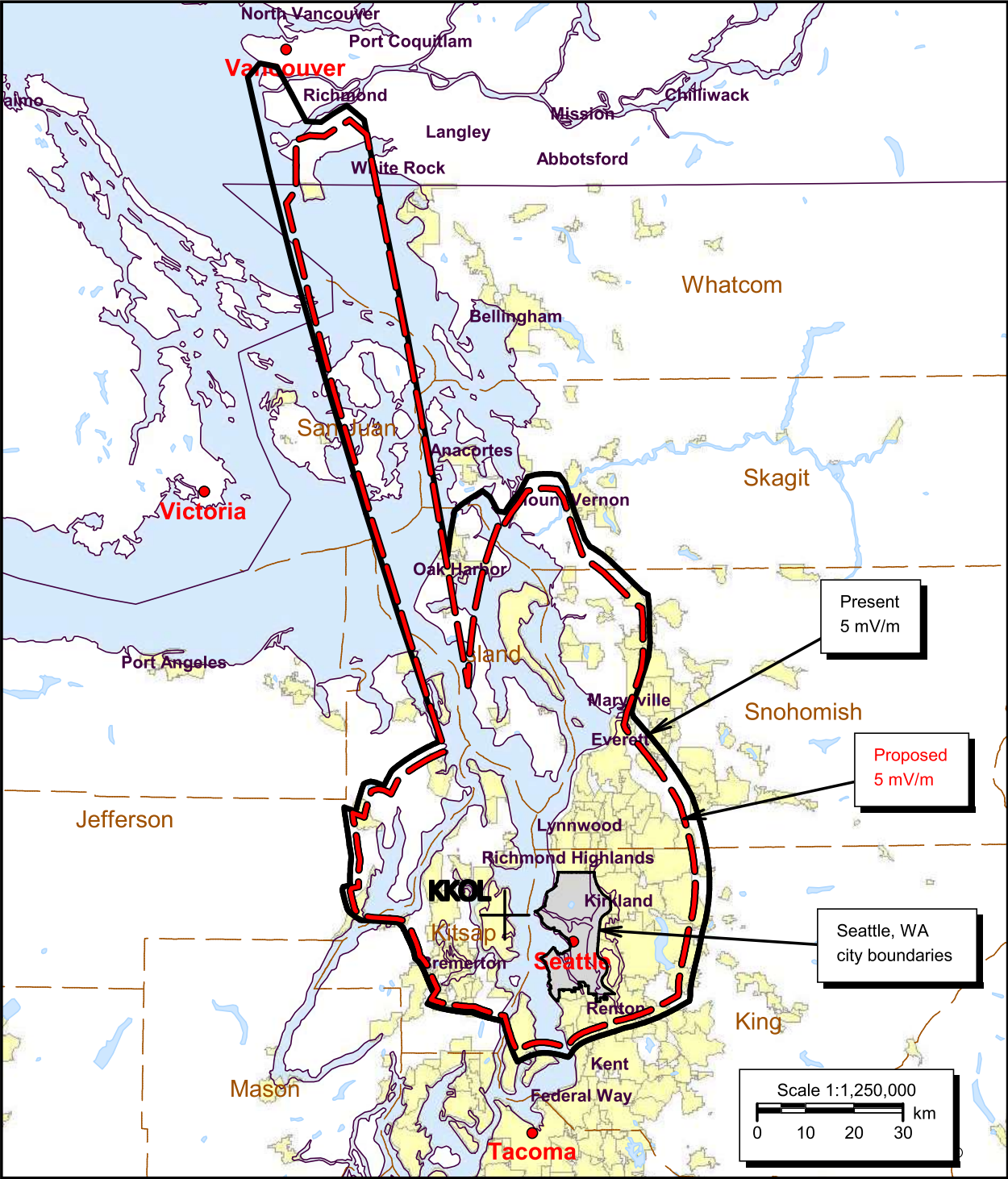
FIGURE 2

DAYTIME HORIZONTAL FIELDS
 KKOL - SEATTLE, WASHINGTON
 1300 KHZ - 35.0 KW DAY/3.2 KW NIGHT - DA-2

AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)	AZIMUTH (DEGREES)	E THEO. (mV/m)	E STD. (mV/m)
0	2541.3	2669.1	180	530.2	560.2
5	2534.2	2661.7	185	574.5	606.4
10	2527.2	2654.3	190	613.1	646.7
15	2521.4	2648.2	195	641.9	676.9
20	2517.8	2644.4	200	658.9	694.6
25	2516.9	2643.5	205	662.8	698.7
30	2518.9	2645.6	210	653.6	689.1
35	2523.5	2650.4	215	631.7	666.2
40	2529.9	2657.1	220	598.7	631.7
45	2537.1	2664.7	225	557.2	588.3
50	2543.7	2671.6	230	512.3	541.5
55	2548.0	2676.1	235	472.6	500.1
60	2548.0	2676.1	240	450.7	477.3
65	2541.6	2669.4	245	461.3	488.3
70	2526.6	2653.7	250	513.2	542.4
75	2501.1	2626.9	255	604.4	637.6
80	2463.1	2587.0	260	726.1	764.9
85	2410.9	2532.2	265	868.9	914.5
90	2343.3	2461.2	270	1025.3	1078.3
95	2259.6	2373.4	275	1189.2	1250.2
100	2159.7	2268.5	280	1355.5	1424.7
105	2043.9	2147.0	285	1520.0	1597.2
110	1913.5	2010.1	290	1678.9	1763.9
115	1770.2	1859.7	295	1828.9	1921.4
120	1616.2	1698.2	300	1967.3	2066.6
125	1454.7	1528.7	305	2092.1	2197.6
130	1289.0	1354.8	310	2201.6	2312.5
135	1123.1	1180.9	315	2295.0	2410.6
140	961.5	1011.5	320	2372.2	2491.6
145	809.7	852.5	325	2433.5	2556.0
150	674.4	710.8	330	2479.9	2604.6
155	563.7	595.1	335	2512.7	2639.1
160	487.4	515.5	340	2533.8	2661.2
165	452.3	479.0	345	2545.0	2673.0
170	456.3	483.2	350	2548.6	2676.8
175	487.2	515.3	355	2546.7	2674.7

Fields in mV/m @ 1 Kilometer

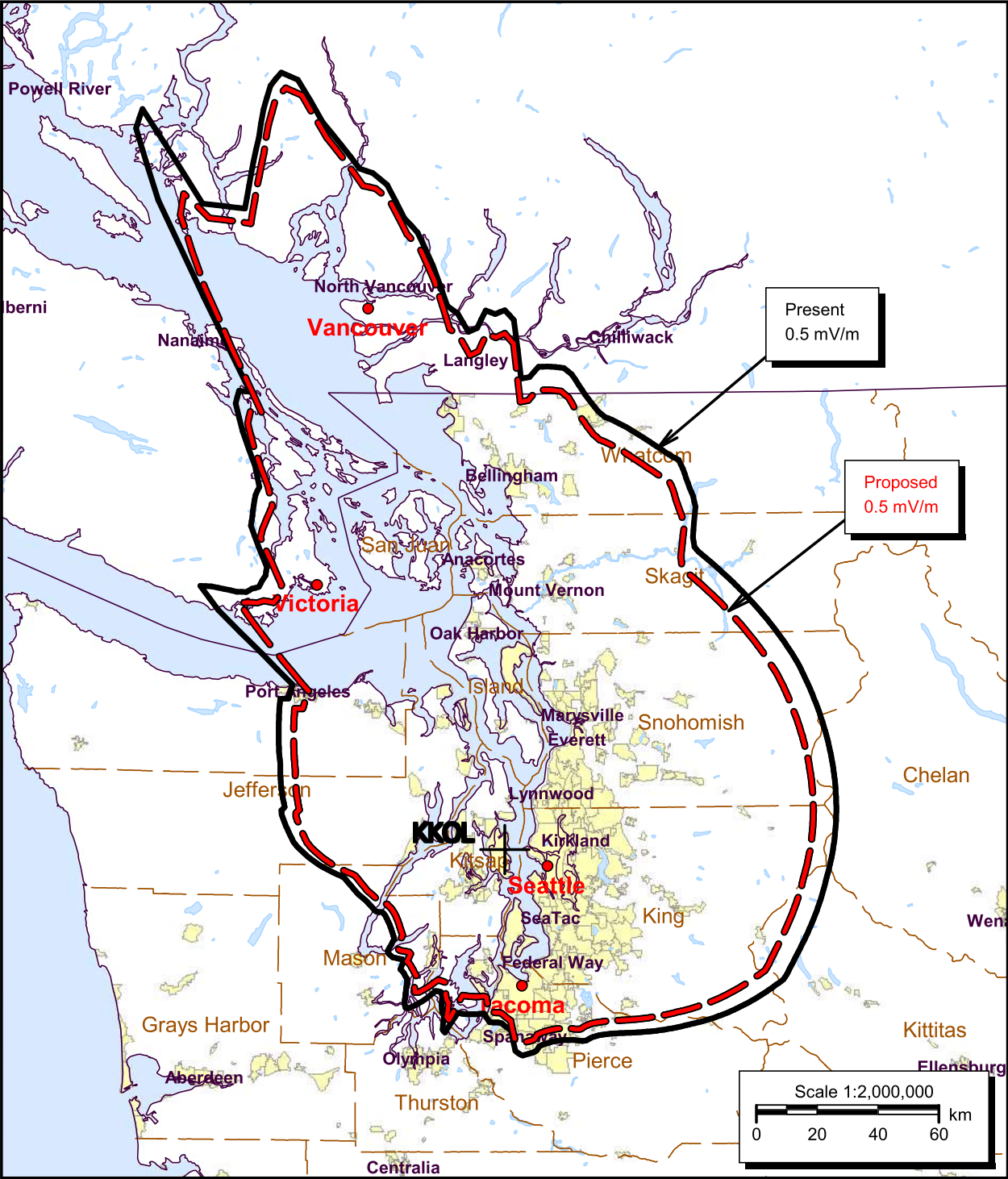
FIGURE 4



PRESENT AND PROPOSED 5.0 MV/M
DAYTIME COVERAGE CONTOURS
KKOL - SEATTLE, WASHINGTON
1300 KHZ - 35.0 KW DAY/3.2 KW NIGHT - DA-2
DECEMBER, 2022



FIGURE 5



PRESENT AND PROPOSED 0.5 MV/M
DAYTIME COVERAGE CONTOURS
KKOL - SEATTLE, WASHINGTON
1300 KHZ - 35.0 KW DAY/3.2 KW NIGHT - DA-2
DECEMBER, 2022

