Law Office of
DENNIS J. KELLY
Post Office Box 41177

Washington, DC 20018

2018 AUG 17 PM 1: 42

MEMBER, DISTRICT OF COLUMBIA BAR ONLY; PRACTICE LIMITED TO FEDERAL COURTS AND AGENCIES TELEPHONE:

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dkellyfcclaw1@comcast.net

August 15, 2018

Accepted / Filed

AUG 15 2018

Honorable Marlene H. Dortch Office of the Secretary Federal Communications Commission Washington, DC 20554 Federal Communications Commission Office of the Secretary

Attention: Audio Division, Media Bureau

RE: KMIA(AM), Auburn-Federal Way, Washington

FCC Facility ID #33683 FRN#: 0003-7454-94

FCC Form 302-AM Application for Direct Measurement of Power

Dear Madame Secretary:

On behalf of our client Bustos Media Holdings, LLC, there is transmitted herewith in triplicate an application on FCC Form 302-AM for direct measurement of power on AM Broadcast Station KMIA, Auburn-Federal Way, Washington.

This application is non-feeable.

Should additional information be desired in connection with the above matter, kindly communicate with this office.

Very truly yours,

Dennis J. Kelly

20141223484

MO259

Accepted / Filed

Federal Communications Commission Washington, D. C. 20554

Approved by OMB 3060-0627 Expires 01/31/98

Federal Communications Commission Office of the Secretary

FCC 302-AM APPLICATION FOR AM BROADCAST STATION LICENSE

(Please read instructions before filling out form.

FOR COMMISSION USE ONLY FILE NO. BZ-Z0/808/5AAS	

SECTION I - APPLICANT FEE INFORMATION			
PAYOR NAME (Last, First, Middle Initial)			
BUSTOS MEDIA HOLDINGS, LLC			
MAILING ADDRESS (Line 1) (Maximum 35 characters) 5110 S.E. STARK STREET			
MAILING ADDRESS (Line 2) (Maximum 35 characters)		······································	
CITY PORTLAND	STATE OR COUNTRY (if for	reign address)	ZIP CODE 97215
TELEPHONE NUMBER (include area code) 503-234-5550	CALL LETTERS KMIA	OTHER FCC IDE	NTIFIER (If applicable)
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 educ	cational licensee	her (Please explain	ı):
O IS Very more than the fall matter information.	DIRECT	MEASUREMENT A	APPLICATION
C. If Yes, provide the following information:			
Enter in Column (A) the correct Fee Type Code for the service you			
Fee Filing Guide." Column (B) lists the Fee Multiple applicable for the	is application. Enter tee amoul	it due in Column (C	·).
(A) (B)	(C)		
FEE TYPE FEE MULTIPLE	FEE DUE FOR FEE		FOR FCC USE ONLY
0 0 0 1	COLUMN (A)		
	\$		
To be used only when you are requesting concurrent actions which re-	sult in a requirement to list mor	e than one Fee Typ	pe Code.
(A)(B)	(C)		,
0 0 0 1	\$		FOR FCC USE ONLY
			r.
ADD ALL AMOUNTS SHOWN IN COLUMN C,	TOTAL AMOUNT REMITTED WITH TH APPLICATION	is	FOR FCC USE ONLY
AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED	\$		
REMITTANCE.			

SECTION II - APPLICAN	IT INFORMATION			
NAME OF APPLICANT BUSTOS MEDIA HOLDING				
MAILING ADDRESS 5110 S.E. STARK STREET				
CITY PORTLAND		STATE OR		ZIP CODE 97215
2. This application is for:	√ Commercial	Noncomn	nercial	
	AM Directional	☐ AM N	Ion-Directional	
	DIRECT MEASUREMENT APPLIC	CATION		
Call letters		tion Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit
KMIA	Auburn-Federal Way, WA n/a		n/a	n/a
3. Is the station in accordance with 47 C.F. If No, explain in an Exh		matic program	test authority in	Yes No Exhibit No. n/a
4. Have all the term construction permit bee	es, conditions, and obligations s en fully met?	et forth in the	above described	Yes No
If No, state exceptions	in an Exhibit.			n/a
the grant of the under	nges already reported, has any ca lying construction permit which we d in the construction permit applic	would result in	any statement or	Yes No
If Yes, explain in an Ex	chibit.			Exhibit No.
	led its Ownership Report (FCC Fo	•	ership	Yes No
		, ,		Does not apply
If No, explain in an Exh	ibit.			Exhibit No.
or administrative body variational proceeding, broken	ding been made or an adverse fin with respect to the applicant or pa ought under the provisions of any elated antitrust or unfair compounit; or discrimination?	rties to the appl law relating to t	ication in a civil or the following: any	Yes √ No
involved, including an id (by dates and file numinformation has been required by 47 U.S.C. Sof that previous submiss the call letters of the s	attach as an Exhibit a full disclodentification of the court or adminuters), and the disposition of the earlier disclosed in connection Section 1.65(c), the applicant needs in the file number that it is applicated in the file number that it is applicated of filing; and (ii) the disposition of	istrative body are litigation. When with another and only provide: (ber in the case ation or Section	nd the proceeding nere the requisite application or as i) an identification of an application, and 1.65 information	Exhibit No.

the expanded band (1605-1705 kHz) or a permit or license expanded band that is held in combination (pursuant to the 5 with the AM facility proposed to be modified herein?	either in the existing band	i or
If Yes, provide particulars as an Exhibit.		Exhibit No.
The APPLICANT hereby waives any claim to the use of any against the regulatory power of the United States because requests and authorization in accordance with this application amended). The APPLICANT acknowledges that all the statements made material representations and that all the exhibits are a material.	e use of the same, whethen. (See Section 304 of the	ther by license or otherwise, and e Communications Act of 1934, as attached exhibits are considered
CERTIFIC	CATION	
 By checking Yes, the applicant certifies, that, in the case of she is not subject to a denial of federal benefits that include Section 5301 of the Anti-Drug Abuse Act of 1988, 21 Ucase of a non-individual applicant (e.g., corporation, partners association), no party to the application is subject to a deincludes FCC benefits pursuant to that section. For the def purposes, see 47 C.F.R. Section 1.2002(b). I certify that the statements in this application are true, coland are made in good faith. 	udes FCC benefits pursua S.C. Section 862, or, in the ship or other unincorporate nial of federal benefits the finition of a "party" for these	ant he ed aat se
Name	Signatu	10
Amador S. Bustos	Amade S	Duda
Title President/Manager	Date 08/13/2018	Telephone Number 503-234-5550
WILLFUL FALSE STATEMENTS ON THIS FORM AR (U.S. CODE, TITLE 18, SECTION 1001), AND/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.

[Van [] No

ne of Applicant	· · · · · · · · · · · · · ·								
stos Media	Holdings, LLC		check one)						
RPOSE OF AUT	THORIZATION APPL	IED FOR: (- CHECK ONE)		(D.				
_	ation License	2	Direct Me	asureme	ent of Power				
							Power in kil	lowatts	
Facilities author	ized in construction p	ermit	Frequency	Hou	rs of Operation	Night		ay 27.5	
U C:mn	File No. of Construction (if applicable)		(kHz)	UN	т.	1 Ivigit	.0	27.5	
MIA	(if applicable)		1210	011					
Station location	1			City	y or Town				
ate				Au	burn-Federal	Way			
Washingt	on						-14*000		
. Transmitter lo				Cit	ty or Town	Street	address er identifica	ition)	
State	County			1	ıburn	1400	W. Mair	1	
wA	King			AL					
	ocation				ity or Town	Street	address ner identifica	ation)	
4. Main studio lo	County					1400	W. Mai	.n	
State					uburn				
WA	trol point location (spe	ecify only if	authorized dire	ctional	antenna) City or Town	Stree	t address ther identific	cation)	
Remote conf	troi point location (op			10	City or Lowin	I (or ot	Hel lucitume	Juli - 1	
	County			10	···,	(0.			
State 6. Has type-ap	County	ating equipn	nent been insta	alled?				Yes X] No
6. Has type-ap	oproved stereo general	ating equipn	nent been insta	alled? F.R. Se	ction 73.68?		X ·	Yes X] No
6. Has type-ap 7. Does the sa	County Oproved stereo general ampling system meet	ating equipn the required	nent been insta	alled? F.R. Se	ction 73.68? as installed.		X x	Yes X Yes Not Appl xhibit No.	No icable
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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.)

the array. Use separate	sheets if necessary.)							
Type Radiator Uniform cross-section guyed tower	Overall height in meters of radiator above base insulator, or above base, if grounded. 57.9	Overall height above ground obstruction lig #1 59.1	(without hting)	Overall height in meters above ground (include obstruction lighting) #1 59.1 #2 59.	d d	antenna is either top paded or sectionalized, escribe fully in an exhibit. Exhibit No. N/A		
Excitation								
tower location.		lì	Martin I amerika	0		51		
North Latitude 4	7 0 18	20	West Longitu	ide 122 °	14	anadimination of the second		
If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits. 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?								

None. KMIA operates from different sites day & night. This form covers the day site only, no changes are made to nighttime operation.

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

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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.

information and that it is true to the best of my knowledge	
Name (Please Print or Type) Thomas S. Gorton	Signature (check appropriate box below)
Address (include ZIP Code) Hatfield & Dawson Consulting Engineers 9500 Greenwood Ave N Seattle, WA 98103-3012	Date Aug 13, 2018 Telephone No. (Include Area Code) (206) 783-9151
Technical Director	X Registered Professional Engineer
Chief Operator	Technical Consultant
Other (specify)	
FCC 302-AM (Page 5)	

August 1995

HATFIELD & DAWSON
CONSULTING ELECTRICAL ENGINEERS
9500 GREENWOOD AVE. N.
SEATTLE, WASHINGTON 98103

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)

THOMAS M. ECKELS, PE STEPHEN S. LOCKWOOD, PE DAVID J. PINION, PE ERIK <u>C. SWAN</u>SON, PE

Thomas S. Gorton, PE

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

ENGINEERING REPORT APPLICATION FOR DIRECT MEASUREMENT OF POWER

KMIA(AM) 1210 kHz
27.5 kW Day, 10 kW Night DA-2
Auburn-Federal Way, WA
Facility ID 33683
Bustos Media Holdings, LLC

August 2018

TABLE OF CONTENTS

- 1. Engineering Statement Narrative
- 2. Table of Antenna System Operating Parameters
- 3. Table of Measured Inverse Field Strengths
- 4. Certification
- 5. Field Intensity Measurement Data Sheets
- 6. FCC Form 302, Section II-A

Engineering Statement

This Engineering Report is submitted on behalf of Bustos Media Holdings, LLC, licensee of AM station KMIA, Auburn-Federal Way, WA. Bustos seeks return to direct measurement of power following the installation of a 1-bay FM translator antenna and associated isolation equipment on the #1 (northwest) tower of the KMIA daytime antenna array.

KMIA operates from different transmitter sites day and night, this partial proof of performance addresses the daytime site only. No operational changes are made to the licensed nighttime operation of KMIA.

The partial proof of performance of the daytime directional antenna pattern were conducted after the installation of the translator antenna. All measurements used in the partial proof of performance were taken per §73.154(b)(1). On each of the three monitored radials, as well as a fourth adjacent radial, field strength readings were taken at a minimum of eight points, including the assigned monitor point. At each of these points, measurements were taken in the daytime directional mode, operating at a power of 27.5 kW with the operating parameters specified below. Measurements were compared to those taken at the same points during the most recent (1993) full proof of performance.

This report also contains a partial proof of performance of one radial (26.5°) of the KMIA nighttime array, as required to establish a new monitor point. The established monitor point on the 26.5° radial became unusable when the Green River College constructed a building on the baseball field where the previous point was located. The new monitor point is point #4 from the 1990 full proof pf performance, and is located 0.3 km from the old monitor point.

This application also includes updated photographs and descriptions, including GPS coordinates for all KMIA monitor points.

Table of Measured Inverse Field Strengths

1993 DA IDF ¹	2018 / 1993	2018 DA-D IDF	Std Pattern Limit
	Ratio		
430	0.80	344	474
1150	0.97	1116	1271
925	0.96	888	950
430	0.85	366	474
	430 1150 925	Ratio 430 0.80 1150 0.97 925 0.96	Ratio 430 0.80 344 1150 0.97 1116 925 0.96 888

¹ DA IDF values are from 1993 full proof of performance per §73.154(c)

Certification

This Engineering Report has been prepared personally by the undersigned or under my immediate supervision, and all representations are true and correct to the best of my knowledge. I am an experienced radio engineer whose qualifications are a matter of record with the Federal Communications Commission. I am an engineer in the firm of Hatfield & Dawson Consulting Engineers, LLC, and I am Registered as a Professional Engineer in the States of Washington and Oregon.

April 6, 2015



Thomas S. Gorton P.E.

Partial Proof of Performance Data Sheets

AZ 192						
MP	Proof	Partial	Time	Date	Ratio	Location
3.2	190	220	1702	12/13	1.16	10 2nd Ave S (W end)
3.65	230	240	1658	12/13	1.04	10 5th Ave NE (W end)
4.50	130	70	1650	12/13	0.54	500 3rd Ave SW (Next to SR167)
5.00	90	54	1645	12/13	0.60	400 W Valley S
5.90	45	61	1630	12/13	1.36	11500 Jovita Blvd E
6.25	50	60	1616	12/13	1.20	122nd Ave E & 8th St E
7.25	30	42	1605	12/13	1.40	12010 18th St E
7.60	43	51	1556	12/13	1.19	11900 21st St E
8.70	28	21	1553	12/13	0.75	11800 32nd St E
9.10	25.5	21	1543	12/13	0.82	11700 36th St E
9.90	20.5	20	1539	12/13	0.98	11507 45th St E
10.40	12.5	11	1531	12/13	0.88	114th Ave E & 48th St E
10.80	7.1	5.8	1520	12/13	0.82	5200 113th Ave Ct E
11.10	9.6	8.8	1511	12/13	0.92	11300 Valley Ave E
12.30	11.7	8.5	1500	12/13	0.73	5900 Benson Dr E
13.30	9	8.0	1455	12/13	0.89	350 7th St SE
14.00	8.8	10.0	1446	12/13	1.14	1050 10th St SE
				Avg	0.96	
AZ 219						
4.00	34	22	1722	12/12	0.65	219 MP, next to Chapel at Church Camp
5.00	19	17	1730	12/12	0.89	S 369th Pl & 34th Ave S
5.90	11.5	13	1738	12/12	1.13	37407 28th Ave S
6.80	11.5	13	1747	12/12	1.13	25th Ave Ct & Alder St
7.40	10.2	7.8	1743	12/12	0.76	1820 Emerald St
8.30	7.8	5.1	1800	12/12	0.65	Juniper St & 15th Ave
9.60	7.8	6.2	1810	12/12	0.79	2200 Freeman Rd E
10.30	9	7.6	1820	12/12	0.84	70th Ave E & 26th St E
11.00	8.1	6.2	1825	12/12	0.77	6500 Valley Ave E
12.10	6.2	5.6	1835	12/12	0.90	60th Ave E & N Levee Rd E
12.50	6	5.0	1848	12/12	0.83	5600 64th Ave E, Riverside Elementary
13.50	5.2	5.2	1857	12/12	1.00	4200 Pioneer Way E
14.40	3.3	2.1	1903	12/12	0.64	5722 44th Ave E
				Avg	0.85	
AZ 101	26	20	1022	12/14	1.00	NIM C Democratica CE & Comic Du CE
4.35	26	28	1933	12/14	1.08	NW C Dogwood St SE & Scenic Dr SE
4.45	31	30	1935	12/14	0.97	2900 Scenic Dr SE
4.70	25.5	22	1940	12/14	0.86	Scenic Dr SE & Gingko St SE
5.65	23	15	1837	12/14	0.65	12510 SE Green Valley Rd 13200 SE 342nd St
6.30	18.5	15 10 F	1843	12/14	0.81 0.70	
6.70 9.00	15 9.5	10.5 7.0	1847 1819	12/14 12/14	0.74	34200 136th Ave SE 180 M E of 15554 SE Green Valley Rd
9.80	4.2	3.3	1859	12/14	0.79	16500 SE Lake Honeysmith Rd
11.35	1.7	1.1	1811	12/14	0.65	18131 SE Green Valley Rd
11.80	2.3	1.15	1816	12/14	0.50	18525 SE Green Valley Rd
14.00	0.95	0.9	1759	12/14	0.95	20810 SE 358th St
14.07	1.05	1.0	1754	12/14	0.95	NW C 212th Ave SE & SE 358th St
14.07	1.03	1.0	1754	Avg	0.80	THE CELETIFIC SE & SE SSOULS
AZ 160						
3.90	200	160	1140	12/15	0.80	NW C Ellingson Rd NE & C St NE
4.30	130	130	1150	12/15	1.00	4430 A St SE
4.80	160	160	1157	12/15	1.00	350 Orvitz PI SE
5.00	190	190	1200	12/15	1.00	4900 Orvitz Rd SE
8.75	17	12.5	1221	12/15	0.74	166th Ave E & Forest Canyon Rd E
8.90	15.5	18	1227	12/15	1.16	16650 29th Ct E
10.10	16.2	15	1240	12/15	0.93	16900 S Tapps Dr E
13.10	7.4	9.8	1250	12/15	1.32	70th St E & 181st Ave Ct E
1.40	6.8	7.8	1303	12/15	1.15	18200 Bonney Lake Rd
14.00	5.6	3.8	1308	12/15	0.68	77th St E & 184th Ave E
14.65	6	5.6	1314	12/15	0.93	NE C 186th Ave E & 84th Ave E
				Avg	0.97	

KMIA-AM Proposed New Monitor Point Partial Proof 2018-03-12

Radial	Distance	1990	2018				WGS84	(NAD83)
26.5	Km	mV/m	date	time	mV/m	Ratio	North	West
1	1.75	15.30	3/10	8:00	10.53	0.69	47.3139	122.1789
2	1.90	12.50	1/20	12:50	8.74	0.70	47.3135	122.1780
*3				12.50	0.74	0.70		
	2.00	13.60	1/20				47.3161	122.1762
**4	2.30	15.20	1/20	12:10	12.54	0.83	47.3187	122.1726
5	2.80	11.80	3/10	8:30	8.74	0.74	47.3225	122.1727
6	3.60	4.50	1/20	13:28	2.80	0.62	47.3297	122.1678
7	5.35	1.62	1/20	13:37	0.95	0.59	47.3435	122.1572
8	8.65	1.39	3/10	8:53	1.00	0.72	47.3687	122.1390
9	10.70	0.80	1/20	14:16	0.65	0.81	47.3068	122.1286
10	12.50	1.33	1/20	14:29	0.30	0.23	47.4013	122.1140
11	18.60	0.09	1/20	14:46	0.07	0.75	47.4500	122.0822
12	22.40	0.05	1/20	15:02	0.04	0.90	47.4810	122.0593

^{*}Old Monitor Point **Proposed New Monitor Point

Dalke

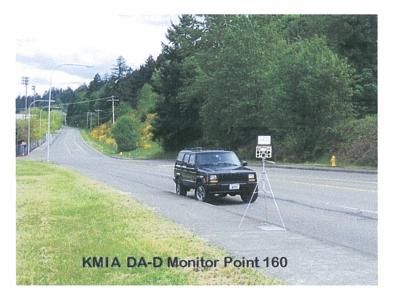
Updated Monitor Point Descriptions

Coordinates are NAD83

KMIA 1210 kHz Auburn DA Monitor Points 2018



Day Monitor Point - 101 Degrees, 4.5 km - The monitor point is in the street at the Northwest corner of the intersection of Dogwood St. SE and Scenic Dr. SE next to a gate to Native American Cemetery. The nearest street address is 1302 Dogwood St SE, Auburn, WA. GPS: 47.2968, -122.1922.



Day Monitor Point - 160 Degrees, 5.0 km - The monitor point is on the sidewalk on the west side of Oravets Road SE over a small metal cover across the street from a streetlight standard with a sign: "Auburn Valley Humane Society." The monitor point is 300 feet east of the Ilalko Elementary School, 301 Oravetz PI SE, Auburn, WA. GPS: 47.2637, -122.2256.

KMIA 1210 kHz Auburn DA Monitor Points 2018



Night Monitor Point - 26.5 degrees, 2.30 km - The monitor point is located over the metal cover just South of the "Lea Hill Park" sign, 30 feet southwest of the intersection of 124th SE and SE 316th St. Nearest street address is 31623 124th Ave SE, Auburn, WA. GPS: 47.3187, -122.1767.



Night Monitor Point - 150.5 degrees, 1.30 km - The monitor point is located 30 feet South of the Southwest Corner of the Chinook Middle School Building. 3502 Auburn Way S, Auburn. WA. GPS: 47.2894, -122.1818.