



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

BUSTOS MEDIA HOLDINGS, LLC  
5110 SE STARK STREET  
PORTLAND OR 97215

Son Nguyen  
Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Grant Date: **DEC 17 2018**

This license expires 3:00 a.m.  
local time, February 01, 2022.

Facility Id: 33683

Call Sign: KMIA

License File Number: BZ-20180815AAS

Direct measurement of power.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

Jan.	8:00 AM	4:45 PM	Jul.	4:30 AM	8:00 PM
Feb.	7:15 AM	5:30 PM	Aug.	5:00 AM	7:30 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:15 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:30 AM	7:45 PM	Nov.	7:15 AM	4:30 PM
Jun.	4:15 AM	8:00 PM	Dec.	7:45 AM	4:15 PM

Callsign: KMIA

License No.: BZ-20180815AAS

Name of Licensee: BUSTOS MEDIA HOLDINGS, LLC

Station Location: AUBURN-FEDERAL WAY, WA

Frequency (kHz): 1210

Station Class: B

Antenna Coordinates:

Day

Latitude: N 47 Deg 18 Min 20 Sec

Longitude: W 122 Deg 14 Min 52 Sec

Night

Latitude: N 47 Deg 18 Min 00 Sec

Longitude: W 122 Deg 11 Min 17 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 27.5 Night: 10.0

Antenna Input Power (kW): Day: 28.9 Night: 10.5

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 24 Night: 14.5

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1037827	
2	1037828	

Night:

Tower No.	ASRN	Overall Height (m)
1	1037823	
2	1037824	
3	1037825	
4	1037826	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1655.1 Night: 1047.44

Standard RMS (mV/m/km): Day: 1738.7 Night: 1100.43

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000		84.1
2	1.4600	118.000	119.0000	160.000	0	84.1

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	84.1
2	1.3020	141.900	78.3000	96.900	0	84.1
3	0.8240	248.900	213.5000	114.300	0	66.4
4	0.5160	46.000	277.2000	114.900	0	84.1

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-116	0.66
2	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-143.5	0.732
2	0	1
3	105.3	0.893
4	-97.1	0.413

Antenna Monitor: POTOMAC INSTRUMENTS MODEL 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
101	4.35	38.6
160	5	231
219	4	59

Night Operation:

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
26.5	2.3	30.9
150.5	1.3	47.2

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
  
- 2 Daytime ground system consists of 120 equally spaced, buried copper radials about the base of each tower, varying 29 to 99.4 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

Nighttime ground system consists of 120 equally spaced, buried copper radials about the base of each tower, 61 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers.

Special operating conditions or restrictions:

3 Description of Monitoring Points:

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 llalko Elementary School, 301 Oravetz Pl SE, Auburn, WA. GPS: 47.2637, -122.2256.

Day Monitor Point - 219 degrees, 4.0 km - The monitor point is on Conference Center and Retreat grounds at 4005 So 360th St, Federal Way, WA, approx. 300 feet south of South 360th Street on the sidewalk about 10 feet from the Chapel Building. GPS: 47.2774, -122.2830.

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.

\*\*\* END OF AUTHORIZATION \*\*\*