United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

MULTICULTURAL RADIO BROADCASTING LICENSEE, LL
27 WILLIAM STREET
11TH FLOOR
NEW YORK NY 10005

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date AUG 22 2019

This license expires 3:00 a.m. local time, December 01, 2021.

Facility Id: 50703

Call Sign: KIQI

License File Number: BMML-20190709AAO

This license revises nighttime operation for 10kW.

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

Callsign: KIQI License No.: BMML-20190709AAO

Name of Licensee: MULTICULTURAL RADIO BROADCASTING LICENSEE, LLC

Station Location: SAN FRANCISCO, CA

Frequency (kHz): 1010

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	37	Deg	49	Min	34 Sec
Longitude:	W	122	Deg	18	Min	37 Sec

		Night				
Latitude:	N	37	Deg	49	Min	34 Sec
Longitude:	W	122	Deg	18	Min	37 Sec

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

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

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

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 14.51 Night: 14.51

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1056743	
2	1056742	
3	1056741	

Night:

Tower No.	ASRN	Overall Height (m)
1	1056743	
2	1056742	
3	1056741	

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DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 930.2 Night: 1034.65

Standard RMS (mV/m/km): Night: 1086.92

Augmented RMS (mV/m/km): Day: 1015

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	0.4300	-110.200	0.0000	0.000	0	TL/S
2	1.1420	117.900	90.0000	240.000	0	TL/S
3	1.0000	0.000	180.0000	240.000	0	TL/S

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	75.4	14.60	.00	.00
2	75.4	14.60	.00	.00
3	75.4	14.60	.00	.00

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	7.0	34.0	265.54
2	24.0	34.0	196.34
3	41.0	14.0	144.84
4	48.0	14.0	144.84
5	79.0	30.0	144.84
6	94.0	30.0	189.90
7	112.0	36.0	252.67
8	130.0	10.0	317.04
9	172.0	36.0	1029.98
10	190.0	20.0	1367.94
11	200.0	16.0	1528.88
12	208.0	16.0	1641.53
13	240.0	17.0	1786.37
14	248.5	17.0	1818.56
15	270.0	40.0	1697.86
16	290.0	20.0	1528.88

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
17	300.0	20.0	1271.38
18	325.0	42.0	611.55
19	325.0	10.0	643.74
20	346.0	42.0	365.32

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	TL/S
2	1.9000	-127.500	90.0000	240.000	0	TL/S
3	1.0740	104.000	180.0000	240.000	0	TL/S

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
1	75.4	14.60	.00	.00
2	75.4	14.60	.00	.00
3	75.4	14.60	.00	.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-114.2	0.489
2	114.7	1.231
3	0	0.498

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	125.4	0.566
2	0	1
3	-128.3	0.498

Antenna Monitor: POTOMAC INSTRUMENTS AM-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)
41	3.99	22.6
79	3.73	31.51
130	2.41	105.96
325	8.05	86.94

Special operating conditions or restrictions:

1 Ground system consists of 120 equally spaced buried copper radials varying in length from 37.2 to 76.2 meters about the base of each tower. Radials are shortened and bonded at points of intersection midway between adjacent towers. Tower bases are connected by a 3/8" cable.

2 Antenna Registration and Operating Tower #1, #2 & #3 refer to tower #1(E), #2(C) and #3(W).

3 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

4 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.

Special operating conditions or restrictions:

5 DAYTIME MONITOR POINTS:

41-deg. true: Northeast corner of intersection of Ashby Avenue and Acton Street, Berkeley, California—at the fire hydrant. Radial Point 19. Distance 3.99 km; field strength 22.6 mV/m.

79-deg. true: Southwest corner of West Street and 42nd Street, Oakland, California—on the sidewalk near the curb. Radial point 5. Distance 3.73 km; field strength 31.51 mV/m.

130-deg. true: North side of 16th Street, on the block between Mandela Parkway and Kirkham Street, Oakland, California—on the sidewalk at the curb, abreast of standpipe to the north. Radial point 8. Distance 2.41 km; field strength 105.96 mV/m.

325-deg. true: Side of Brickyard Cove Road, Point Richmond, California—at fire hydrant next to entrance of Richmond Yacht Club. Radial point 1. Distance 8.05 km; field strength 86.94 mV/m.

*** END OF AUTHORIZATION ***