



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

BENDITA EUCARISTIA RADIO INC.
 139 W. OLIVE AVENUE
 FRESNO CA 93728

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: September 17, 2009

Facility Id: 54960

Call Sign: KXEX

This license expires 3:00 a.m.
 local time, December 01, 2013.

License File Number: BZ-20090731AGU

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

Callsign: KXEX

License No.: BZ-20090731AGU

Name of Licensee: BENDITA EUCARISTIA RADIO INC.

Station Location: FRESNO, CA

Frequency (kHz): 1550

Station Class: B

Antenna Coordinates:

Day

Latitude: N 36 Deg 46 Min 14 Sec

Longitude: W 119 Deg 55 Min 20 Sec

Night

Latitude: N 36 Deg 46 Min 14 Sec

Longitude: W 119 Deg 55 Min 20 Sec

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

Nominal Power (kW): Day: 5.0 Night: 2.5

Antenna Input Power (kW): Day: 5.4 Night: 2.7

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.4 Night: 7.35

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	49.6
2	None	49.6
3	None	49.6

Night:

Tower No.	ASRN	
1	None	49.6
2	None	49.6
3	None	49.6
4	None	49.6

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 742.93 Night: 509.38

Standard RMS (mV/m/km): Day: 780.55 Night: 535.6

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	0	90.0
2	1.4000	137.900	90.0000	263.000	0	90.0
3	0.7200	-85.200	180.0000	263.000	0	90.0

* 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	90.0
2	1.3850	172.200	100.0000	228.000	0	90.0
3	1.0180	29.800	200.0000	228.000	0	90.0
4	0.6520	215.700	300.0000	228.000	0	90.0

* 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	-139.8	0.606
2	0	1
3	133.9	0.596

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-37.6	0.553
2	141.5	0.77
3	0	1
4	168.7	0.692

Antenna Monitor: GORMAN-REDLICK CMR (242)

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)
178	5.22	14.3
230	5.41	16
290.5	4.96	12
347	4.26	17.5

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
37	4.18	62
59	6.32	47
148.5	5.47	7.55
165.5	4.83	10.9
290.5	4.96	3.85
308	3.27	13.1

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 Ground System consists of 120 (150-76.22) equally spaced, buried, copper wire radials about the base of each tower. Intersecting radials shortened and bonded to transverse copper strap midway between towers.

Special operating conditions or restrictions:

3 Location of Monitoring Points:

Direction of 37° True North. From the transmitter building to Garfield Ave, turn right on Garfield Ave and proceed 0.6 mile to Shields Ave. Turn right on Shields Ave and proceed 1.5 miles to Hayes Ave. Turn left on Hayes Ave and proceed 1.5 miles to dirt road which runs immediately south of railroad tracks. Turn right on this dirt road and proceed 0.2 mile to the monitor point which is on the mound of an old railroad loading dock on the north side of the road.

Direction of 59° True North. From the transmitter building to Garfield Ave, turn right on Garfield Ave and proceed 0.6 mile to Shields Ave. Turn right on Shields Ave and proceed 1.5 miles to Hayes Ave. Turn left on Hayes Ave and proceed 2.0 miles to Shaw Ave. Turn right on Shaw Ave and proceed 2.0 miles to Brawley Ave. Turn right on Brawley Ave and proceed 0.6 mile to monitor point which is on the west side of the Brawley Ave opposite the entrance gate to the Hydro Conduit Corporation facility.

Direction of 148.5° True North. From the transmitter building to Garfield Ave, turn left on Garfield Ave and proceed 1.4 miles to Belmont Ave. Turn left on Belmont Ave and proceed 0.5 mile to Grantland Ave. Turn right on Grantland Ave and proceed 1.0 mile to Whites Bridge Road. Turn left on Whites Bridge Road and proceed 1.5 miles to Polk Ave. Turn right on Polk Ave and proceed 0.5 mile to the access road immediately north of Kearney Blvd. Turn right on this access road and proceed 0.08 mile to the monitor point which is at the driveway to house number 5526.

Direction of 165.5° True North. From the transmitter building to Garfield Ave, turn left on Garfield Ave and proceed 1.4 miles to Belmont Ave. Turn left on Belmont Ave and proceed 0.5 mile to Grantland Ave. Turn right on Grantland Ave and proceed 1.5 miles to Kearney Blvd. Turn left on Kearney Blvd and proceed 0.4 mile to monitor point which is in the center of Kearney Blvd abreast of the third palm tree east of the driveway to house number 6601.

Direction of 178° True North. From the transmitter building to Garfield Ave, turn left on Garfield Ave and proceed 1.4 miles to Belmont Ave. Turn left on Belmont Ave and proceed 0.5 mile to Grantland Ave. Turn right on Grantland Ave and proceed 1.5 miles to Kearney Blvd. Turn right on Kearney Blvd and proceed 0.5 mile to Garfield Ave. Turn left on Garfield Ave and proceed 0.5 mile to California Ave. Turn left on California Ave and proceed 0.35 mile to the entrance to Kearney Park. Turn left and proceed 0.2 mile to the road immediately in front of the Kearney Mansion. Turn left and proceed 0.1 mile to the monitor point which is on the north edge of the road abreast of an entranceway through the wall.

Special operating conditions or restrictions:

4 Location of Monitoring Points continued:

Direction of 230° True North. From the transmitter building to Garfield Ave, turn left on Garfield Ave and proceed 1.4 miles to Belmont Ave. Turn right on Belmont Ave and proceed 2.5 miles to Dickenson Ave. Turn left on Dickenson Ave and proceed 0.7 mile to the motor point which is on the east side of the road, 90 feet south of the railroad crossing sign abreast of vineyard row 181.

Direction of 290.5° True North. From the transmitter building to Garfield Ave, turn right on Garfield Ave and proceed 0.6 mile to Shields Ave. Turn left on Shields Ave and proceed 1.5 miles to West Lawn Ave. Turn right on West Lawn Ave and proceed 0.5 mile to Dakota Ave. Turn left on Dakota Ave and proceed 1.25 miles to intersection with dirt road. The monitor point is ten feet south of Dakota Ave in the center of the dirt road.

Direction of 308° True North. From the transmitter building to Garfield Ave, turn right on Garfield Ave and proceed 0.6 mile to Shields Ave. Turn left on Shields Ave and proceed 1.5 miles to West Lawn Ave. Turn right on West Lawn Ave and proceed 0.7 mile to the monitor point which is 0.2 mile north of the intersection with Dakota Ave on the west shoulder of the road.

Direction of 347° True North. From the transmitter building to Garfield Ave, turn right on Garfield Ave and proceed 0.6 mile to Shields Ave. Turn left on Shields Ave and proceed 0.5 mile to Chateau Fresno Ave. Turn right on Chateau Fresno Ave and proceed 2.0 miles to the intersection with Shaw Ave. The monitor point is on the north side of Shaw Ave, 200 feet east of the intersection.

*** END OF AUTHORIZATION ***