



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

BRYAN BROADCASTING LICENSE CORPORATION
P.O. BOX 3248
BRYAN TX 77805

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: November 17, 2020

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

Facility Id: 7632

Call Sign: KZNE

License File Number: BZ-20200930AGO

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

Callsign: KZNE

License No.: BZ-20200930AGO

Name of Licensee: BRYAN BROADCASTING LICENSE CORPORATION

Station Location: COLLEGE STATION, TX

Frequency (kHz): 1150

Station Class: B

Antenna Coordinates:

Day

Latitude: N 30 Deg 37 Min 54 Sec

Longitude: W 96 Deg 21 Min 28 Sec

Night

Latitude: N 30 Deg 37 Min 54 Sec

Longitude: W 96 Deg 21 Min 27 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.5

Antenna Input Power (kW): Day: 1.0 Night: 0.54

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 3.33 Night: 3.29

Resistance (ohms): Day: 90 Night: 50

Non-Directional Antenna: Day

Radiator Height: 67.7 meters; 93.4 deg

Theoretical Efficiency: 309 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
2	1053753	

Night:

Tower No.	ASRN	Overall Height (m)
1	1053752	
2	1053753	
3	1053754	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 214.5
 Standard RMS (mV/m/km): Night: 225.5
 Augmented RMS (mV/m/km):
 Q Factor: Night:

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	60.0
2	1.0200	-93.000	117.0000	194.000	0	93.4
3	0.7760	95.000	173.7000	173.500	0	60.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-57	1.98
2	0	1
3	11	1.35

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
1	2.3	25.8
50	3.33	41.84
87	5.83	6.82
236	3.53	77.36

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 All towers are shunt fed folded unipoles. An FM antenna, and an antenna for K274CM and an auxiliary antenna for KNDE(FM) are side mounted near the top of SW (#2) tower.

- 3 Ground system consists of 120 number 10 copper radials varying in length from 24.4 meters to 94.5 meters. A 10.2 cm strap connects all towers. A 7.3 meter X 7.3 meter copper ground screen is installed at the base of tower #1 and #3.

- 4 Location of Monitor Points:

Direction of 1° true North. The point is located on the south west side of Sharon Drive, 64 meters south east of an entrance to Henderson Elementary School, opposite a storm drain.

Direction of 50° true North. The point is located on the west side of Oak Ridge Drive at the sidewalk to 3508 Oak Ridge Drive.

Direction of 87° true North. The point is located on the northwest side of Harvey Road, 600 feet southwest of Carters Creek, opposite the 3rd utility pole south west of Carters Creek.

Direction of 236° true North. The point is located on the north side of North Traditions Drive at the western intersection of North Traditions Drive and Sycamore Trail, in front of the Sycamore Trail sign.

- 5 This license is subject to any action taken in MB Docket No. 07-294, and to any action taken in response to a pending or future request to extend or make permanent this station's dual operating authority.

*** END OF AUTHORIZATION ***