



United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SOUTH TRIAD BROADCASTING CORP.  
C/O STEPHEN R. KNIGHT, CPA, CGMA  
P.O. BOX 995  
ASHEBORO NC 27204

Son Nguyen  
Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 55102

Call Sign: WKXR

License File Number: BZ-20170619AEJ

Grant Date: **NOV 9 2017**  
This license expires 3:00 a.m.  
local time, December 01, 2019.

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

Callsign: WKXR

License No.: BZ-20170619AEJ

Name of Licensee: SOUTH TRIAD BROADCASTING CORP.

Station Location: ASHEBORO, NC

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 35 Deg 43 Min 26 Sec

Longitude: W 79 Deg 48 Min 21 Sec

Night

Latitude: N 35 Deg 43 Min 26 Sec

Longitude: W 79 Deg 48 Min 21 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: 0.5

Antenna Input Power (kW): Day: 5.4 Night: 0.54

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10 Night: 3.16

Resistance (ohms): Day: 54 Night: 54

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1002064	
2	1002065	

Night:

Tower No.	ASRN	Overall Height (m)
1	1002064	
2	1005065	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 701.67 Night: 226.92

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 737.56 Night: 239.26

Q Factor: Day: 22.36 Night: 10

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	126.5
2	1.7000	25.000	130.0000	356.000	0	126.5

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	23.0	54.0	412.57
2	343.0	26.0	354.06
3	356.0	26.0	329.92
4	356.0	10.0	334.74

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	126.5
2	1.1800	83.000	130.0000	356.000	0	126.5

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	38.0	14.0	32.19
2	70.0	50.0	186.68

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 38	1.06

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 95	0.867

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
176	4.27	59
356	2.33	83

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
314	1.5	9.2
356	2.33	26.4

Special operating conditions or restrictions:

- 1 The permittee/licensee 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: 120-220' equally spaced copper radials plus a 40' square copper ground screen about each tower. Radials are shortened and bonded to transverse strap along intersections between towers.

Special operating conditions or restrictions:

3 DESCRIPTION TO MONITORING POINTS:

Direction of 176° True North: Proceed south from the transmitter 0.4 mile to East Pritchard Street. Turn right (west) and follow E. Pritchard Street 0.3 mile to North Fayetteville Street. Turn left and proceed south on North Fayetteville 1.9 miles to intersection with routes 64 and 49. Turn left (west) and proceed 0.9 mile to intersection with No. 2304 road. Turn right (south) and proceed 0.1 mile on No 2804 Road to intersection with Plantation Circle and Arrow-wood Roads. Proceed on Plantation Circle Road 0.3 mile to termination of Larkwood Avenue. The point is located southeast corner of the intersection opposite the road marker. The distance from transmitter is 2.65 miles. The field intensity measured at this point should not exceed 59 mV/m, Daytime.

Direction of 314° True North: Proceed south from the transmitter 0.4 mile to East Pritchard Street. Turn right (west) and follow E. Pritchard Street 0.3 mile to North Fayetteville Street. Turn left (south) and proceed south on North Fayetteville street two blocks to Presnell Street, turn right (west) onto West Presnell Street. Proceed 0.8 mile to 220 By-Pass, turn right (north), 0.8 mile to first exit right (west), proceed 0.45 mile and stop on right (south) shoulder of road. Monitor point is approximately 50 feet from edge of pavement at a small pile of rocks in line with end of old barn which is about 120 feet away in the woods. The distance from transmitter is 0.93 miles. The field intensity measured at this point should not exceed 9.2 mV/m, Nighttime.

Direction of 356° True North: Proceed south from the transmitter 0.4 mile to East Pritchard Street. Turn right (west) and follow E. Pritchard Street 0.3 mile to North Fayetteville Street. Turn right (north) and proceed on North Fayetteville Street 2 miles to intersection with Road No., 2167 to the monitor point. The monitor point is located 75 feet off the southwest corner of the intersection, on the parking lot of the Belfour Trailer Park. The distance from transmitter is 1.45 miles. The field intensity measured at this point should not exceed 26.4 mV/m Nighttime; 83 mV/m, Daytime.

4 Average hours of sunrise and sunset (from authorization BS-1966, issued 05/13/1974):

Local Standard Time (Non-Advanced)

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

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