



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WEST VIRGINIA RADIO COMPANY OF RALEIGH, LLC
1251 EARL L. CORE ROAD
MORGANTOWN WV 29505

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: August 28, 2012

Facility Id: 52335

Call Sign: WJLS

This license expires 3:00 a.m.
local time, October 01, 2019.

License File Number: BL-20110729ALL

This license covers permit no.: BP-20110728AMB

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

Callsign: WJLS

License No.: BL-20110729ALL

Name of Licensee: WEST VIRGINIA RADIO COMPANY OF RALEIGH, LLC

Station Location: BECKLEY, WV

Frequency (kHz): 560

Station Class: B

Antenna Coordinates:

Day

Latitude: N 37 Deg 45 Min 32 Sec

Longitude: W 81 Deg 11 Min 12 Sec

Night

Latitude: N 37 Deg 45 Min 32 Sec

Longitude: W 81 Deg 11 Min 12 Sec

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

Nominal Power (kW): Day: 4.5 Night: 0.47

Antenna Input Power (kW): Day: 4.5 Night: 0.508

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 16.77 Night: 3.18

Resistance (ohms): Day: 16 Night: 50

Non-Directional Antenna: Day

Radiator Height: 92.4 meters; 62.1 deg

Theoretical Efficiency: 289.39 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
2	1047777	

Night:

Tower No.	ASRN	Overall Height (m)
1	1047776	
2	1047777	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 203.6
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 214.87
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.7770	0.000	0.0000	0.000	0	62.1
2	1.0000	-65.900	270.5000	59.700	0	62.1

* 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	35.0	20.0	49.52
2	84.5	20.0	55.92

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	72.5	0.98
2	0	1

Antenna Monitor: POTOMAC INSTRUMENTS 1901

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)
35	5.23	7.97
84.5	4.49	8.28
174.5	3.81	4.39
305	8.06	1.87

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 Auxiliary Day Tower #1 (SW)
Nominal Power (kW): 4.5
Antenna Input power (kW): 4.5
Antenna Input current (Amperes): 17.92
Antenna Resistance (ohms): 14

- 3 Antenna:

Two(2), vertical, guyed, series-excited steel radiators of uniform cross section.

Tower #2(NE) is the main day.

Tower#1(SW) is the auxiliary day

Ground System Description:

120 equally spaced, buried, copper radials about the base of each tower, each 133.9 meters in length plus 120 interspersed radials 15 meters in length about the base of each tower.

- 4 Location of Monitor Points:

Direction of 35° true North. Proceed on Stanaford Road (WV Rt. 41) and turn right onto Woodcrest Drive. Proceed 0.8 mile (1.3 km) to a stop sign, turn left and then an immediate right onto Tanager Place. Proceed 0.1 mile (0.2 km) to the end of the street. The monitor point is at the fork of two driveways.

Direction of 84.5° true North. The monitor point is at the east corner of the intersection of Old Worley and Ridgewood.

Direction of 174.5° true North. Proceed on Sullivan Road to a guardrail near the westbound I-64 crossing on the left (east) side of the road. The monitor point is on the east (left) shoulder of Sullivan Road in front of the Number "174" spray painted on the guard rail.

Direction of 305° true North. Proceed on Route 3 to Angle Road. Turn right (north) on Angle Road (CR3/89). Proceed approx. 400 ft (122 m) and park across from pole 1902-3. The monitor point is on the east (left) side of Angle Road across from pole 1902-3, approximately 10 paces in the field.

*** END OF AUTHORIZATION ***