

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-810911AD  
FAC ID: 54852  
Call Sign: W L N A

STANDARD BROADCAST STATION LICENSE  
MODIFIED

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, the LICENSEE

RADIO TERRACE, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time JUNE 1, 1984

The licensee shall use and operate said apparatus only in accordance with the following terms:

- On a frequency of 1420 kHz.
- With nominal power of 1 kilo watts nighttime and 5 kilo watts daytime,  
with antenna input power of 1080 watts ---directional [Common Point current 4.65 amperes  
antenna nighttime ..... [Common Point resistance 50 ohms,  
and antenna input power of 5400 watts ---directional [Common Point current 10.4 amperes  
antenna daytime ..... [Common Point resistance 50 ohms

- Hours of operation: Unlimited Time.  
Average hours of sunrise and sunset:  
Jan. 7:15 am to 4:45 pm; Feb. 6:45 am to 5:30 pm;  
Mar. 6:15 am to 6:00 pm; Apr. 5:15 am to 6:30 pm;  
May 4:45 am to 7:00 pm; June 4:30 am to 7:30 pm;  
July 4:30 am to 7:30 pm; Aug. 5:00 am to 7:00 pm;  
Sep. 5:30 am to 6:00 pm; Oct. 6:00 am to 5:15 pm;  
Nov. 6:45 am to 4:45 pm; Dec. 7:15 am to 4:30 pm;  
Eastern Standard Time (Non-Advanced)

- With the station located at: Peekskill, New York
- With the main studio located at: Radio Terrace, Town of Cortlandt, New York

6. Remote control point: ---

7. Transmitter location: Hollow Brook Drive  
Cortlandt, New York

North Latitude: 41° 18' 31"  
West Longitude: 73° 55' 00"

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 11 & 21.

9. Transmitter(s): Type Accepted

10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee 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 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.

✓ This license consists of this page and pages 2, 3 & 4.

Date: August 25, 1982

FEDERAL  
COMMUNICATIONS



File NO.: BL 810911AD

Call Sign: WLNA

Date: 8-25-82

DA- 2,U

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

**No. and Type of Elements:** Five, guyed, series-excited, radiators of uniform cross section (3 for day, 3 for night with one in common). Theo. RMS: 462.59 mV/m, day; 220.22 mV/m, night. Std. RMS 486.02 mV/m, day; 231.49 mV/m, night.

**Height above Insulators:** Night #1, 4,5 Center day #1: 211.6' (110°) day #2, #3 150'(78°)

**Overall Height:** 216.6' (night) 155' (day)

**Spacing and Orientation:** Daytime: The three towers bear on a line 300° T; 90° apart. Nighttime: The three towers bear on a line 335° T; 90° apart.

**Non-Directional Antenna:** None authorized

**Ground System consists of** 120 wire radials 173' around each radiator except where individual systems overlap. Wires are to be bonded to bus at points of inter-section and buried to a depth of 4 to 6 inches.

2. THEORETICAL SPECIFICATIONS

	Tower C(#1)	NW(#2)	SE(#3)	N(#4)	S(#5)
<b>Phasing:</b>					
Night	0° 0°	-	-	164°	-164°
Day	0 0°	-117.8°	169.8°	-	-
<b>Field Ratio:</b>					
Night	1	-	-	0.654	0.473
Day	1	0.565	0.565	-	-

3. OPERATING SPECIFICATIONS

<b>Phase Indication*:</b>					
Night	0°	-	-	168.3°	-164.5°
Day	0°	-112.4°	176.3°	-	-

**Antenna Base**

**Current Ratio:**

Night	1.00	-	-	0.587	0.520
Day	1.00	1.159	1.261	-	-

**Antenna Monitor Sample**

<b>Current Ratio:</b>					
Night	1.00	-	-	0.47	0.65
Day	1.00	0.557	0.555	-	-

\* As indicated by Potoc Potomac Instruments AM-19(204) antenna monitor.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $29.3^{\circ}$  true North. From transmitter buildig-, proceed to intersection of Hollow Brook Drive and Dogwood Road. Turn right and proceed 0.5 mile to intersection with Pumphouse Road. Turn left and proceed 0.45 mile to Gallows Hill Road approximately 0.6 mile to Hillcrest Avenue. Turn right on Hillcrest Avenue and proceed 0.07 mile to Fowler Avenue. Turn left and proceed 0.15 mile to driveway on right. Monitoring point is in middle of driveway approximately 50 feet from road opposite lamp post with sign "Gilbert 14". This is Point No. 12 of the survey and is 1.57 miles airline from the transmitter. The field intensity measured at this point should not exceed 45.2 mV/m Daytime.

Direction of  $84.8^{\circ}$  true North. From hte  $29.3^{\circ}$  monitoring point, return to the intersection of Hillcrest Avenue and Gallows Hill Road. Turn left on Gallows Hill Road and proceed 1.1 mile to intersection with Oregon Road. Turn left and proceed 1.4 mile to intersection with Westbrook Drive. Turn right and proceed 1.3 mile to intersection with E. Main Street. Turn left and proceed 0.35 mile to driveway to Lakeland Middle School. Turn left and proceed 0.05 mile to traffic island. The monitoring point is at the tip of the island. This is Point No. 21 of the survey and is 2.27 miles airline from the transmitter. The field intensity measured at this point should not exceed 17.4 mV/m Daytime.

Direction of  $155^{\circ}$  true North. From the  $84.8^{\circ}$  monitoring point, return to E. Main Street and turn right. Proceed 1.3 mile to intersection with Conklin Avenue. Turn left and proceed 0.4 mile to Crompond Road. Turn right and proceed 1.1 mile to Arch Street. Turn left and proceed 1 block to East Boulevard. Turn left and proceed 0.15 mile to the monitoring point which is in the middle of the street and 10 feet from the guard rail. This is Point No. 17 of the survey and is 1.38 miles airline from the antenna system. The field intensity measured at this point should not exceed 69 mV/m Daytime.

Direction of  $210.7^{\circ}$  true North. From the  $155^{\circ}$  monitoring point, return to the intersection of Arch Street and Crompond Road and turn left. Proceed 0.7 mile to intersection with South Street. Turn left and proceed 0.7 mile across railroad tracks to entrance to Peekskill Rivefront Green. Follow the left road through the parking lot 0.5 miles to the Yacht Club parking lot. The monitoring point is in the parking lot by the walk leading to the club house. This is Point No. 15 of the survey and is 2.15 miles airline from the antenna system. The field intensity measured at this point should not exceed 31.4 mV/m Daytime.

Direction of  $70.5^{\circ}$  true North. From transmitter building, proceed to intersection of Hollow Brook Drive and Dogwood Road. Turn right and proceed 0.5 mile to intersection with Pumphouse Road. Turn right and proceed 0.25 mile to Oregon Road. Turn left and proceed 0.55 mile to entrance to Hillside Cemetary. Turn right and continue straight to the second intersection. Turn right and then turn left at the next intersection. The monitoring point is in the middle of the road opposite the Bleloch monument on the right. This is Point No. 11 of the survey and is 1.22 miles airline from the antenna system. The field intensity measured at this point should not exceed 8.1 mV/m Nighttime.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (CONT'D)

Direction of  $38.5^{\circ}$  true North. From the  $70.5^{\circ}$  monitoring point, return to the entrance of the cemetery and turn right on Oregon Road. Proceed 1.7 mile to intersection with Oscawanna Lake Road. Turn left and proceed 0.2 mile to intersection with Hollowbrook Drive. Turn left and proceed 0.7 mile to intersection with Hanson Street. Turn left and proceed 0.05 mile to Spruce Street and turn right for 0.05 mile to Sylvan Road. Turn left and proceed 0.2 mile to Walnut Road. Turn right and proceed 0.05 mile to Laurel Road. Turn right and proceed 0.05 mile to intersection with Johnson Street. The monitoring point is on Johnson Street by the large rock out-cropping on the left. This is Point No. 16 of the survey and is 2.28 miles airline from the antenna system. The field intensity measured at this point should not exceed 1.1 mV/m Nighttime.

Direction of  $271.5^{\circ}$  true North. From the  $38.5^{\circ}$  monitoring point, continue straight on Johnson Street 0.1 mile to intersection with Spruce Street. Turn right and proceed 0.15 mile with Hanson Street. Turn left and proceed 0.05 mile to Hollowbrook Drive. Turn right and proceed 0.7 mile to Oscawanna Lake Road. Turn right and proceed 0.2 mile to Oregon Road. Turn right and proceed approximately 3.2 miles to Bear Mountain State Parkway. Turn right and proceed approximately 1.0 mile to intersection with U.S. Routes 6, 9 and 202. Turn right and cross bridge to Annsville Circle. Follow U.S. Routes 6 and 202 3.6 miles to Bear Mountain bridge. Cross bridge to traffic circle on west side. Follow U.S. Routes 9-W and 202 south 0.4 mile to entrance to Bear Mountain State Park. Turn right on entrance road 0.3 mile to entrance to parking lot and park offices. Follow parking lot road 0.1 miles to the monitoring point which is in front of the "Women" sign of the stone building on the right. This is Point No. 13 of the survey and is 3.84 miles airline from the antenna system. The field intensity measured at this point should not exceed 0.71 mV/m Nighttime.

Direction of  $239.5^{\circ}$  true North. From the  $271.5^{\circ}$  monitoring point, return on U.S. 202 to Annsville Circle. Follow U.S. Route 9 north 0.2 mile to the monitoring point which is on the east side of the road by the guard rail directly opposite the "Sprout Brook Lake Park - next right" sign. This is Point No. 8 of the survey and is 1.06 miles airline from the antenna system. The field intensity measured at this point should not exceed 9.6 mV/m Nighttime.