

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

File No. : BL-910604AB  
FAC ID : 54546  
Call Sign : ~~WXR-A~~  
WTLA

LICENSEE:

SYRACUSE BROADCASTING CORPORATION

1. Community of License .....: North Syracuse, NY  
2. Transmitter location .....: 7900 David Road, North  
Onondaga County  
Clay, NY

North latitude .....: 43 ° 09 ' 06 "  
West longitude .....: 76 ° 07 ' 58 "

6. Antenna and ground system: Attached

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

4. Main Studio location: (See Section 73.1125)  
7900 Davis Road  
Clay, NY

5. Remote control location:  
7900 Davis Road  
Clay, NY

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11, 21 & 22

8. Frequency .....: 1200 kHz

9. Nominal power (kW) .....: 1.0 Day 1.0 Night

Antenna input power (kW):

1.0 Day

Non-directional antenna:

Directional antenna : current 4.15 amperes; resistance 50 ohms.

1.08 Night

Non-directional antenna:

Directional antenna : current 4.65 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BP-800819AD; BP-890327AB; BMP-910423AD

11. Conditions .....: - - -

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,<sup>1</sup> the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time  
June 1, 1998

The Commission reserves the right during said license period of terminating this license or making effective any change, 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.

The license is issued on the licensee's representation that the statements contained in the 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, as amended. 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, as amended.



FGC Form 353-A

June 1980

File NO. BL-910604AB

Call Sign: WXRA

Date:

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

**No. and Type of Elements:** Two, guyed, series-excited, steel radiators of uniform cross section. Theoretical RMS: 310.7 mV/m/km, Night. Standard RMS: 326.47 mV/m/km.

**Height above Insulators:** 215' (94.4°) 65.5 m

**Overall Height:** 220' (67.1 m)

**Spacing and Orientation:** Two tower in line spaced 62.48 m (90°) apart on a line bearing 240° T.

**Non-Directional Antenna:** Daytime, theoretical efficiency = 192 mV/m/kW.

**Ground System consists** of 120 - 62 m buried copper radials about the base of each tower. Radials are shortened and bonded to transverse copper strap or property boundary. In addition 120 - 15 m radials are interspersed between longer radials.

2. **THEORETICAL SPECIFICATIONS**

	Tower	#1(NE)	#2(SW)
<b>Phasing:</b>	NIGHT	0°	85°
<b>Field Ratio:</b>	NIGHT	1.0	0.78

3. **OPERATING SPECIFICATIONS**

<b>Phase Indication*:</b>	NIGHT	-84°	0°
<b>Antenna Base</b>			
<b>Current Ratio:</b>	NIGHT	0.723	1.00
<b>Antenna Monitor Sample</b>			
<b>Current Ratio:</b>	NIGHT	0.720	1.00

\* As indicated by Potomac Instruments AM-19(204) antenna Monitor. Antenna sampling system approved under section 73.68(b) rules.

**DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS**

Direction of 60° True North. From the WXRA transmitter building, proceed out the driveway to Davis Road. Turn right and proceed north 0.35 mile to Caughdenoy Road. Turn right and proceed east 0.75 mile to U.S. Route 11. Turn right and proceed south 0.45 mile to East Circle Drive. Turn left and proceed east 0.70 mile to South Bay Road. Turn left and proceed northeast 1.0 miles to Darby Road. Turn left and proceed west 0.4 mile to Crockett Drive. Turn right and proceed north 0.175 miles to the point. The point is located in the curve, on the west side of the street at a curb drain directly across from 8084 Crockett Drive and lies 2.22 kilometers from the antenna. The field intensity measured at this point should not exceed 182 mV/m.

Direction of 240° True North. From the WXRA transmitter building, proceed out the driveway to Davis Road. Turn right and proceed north 0.35 mile to Caughdenoy Road. Turn right and proceed east 0.75 mile to U.S. Route 11. Turn right and proceed south 0.8 mile to Bear Road. Turn right and proceed west 1.65 miles to Villa Maria Drive. Turn right and proceed north 0.1 miles to the point. The point is located in the center of the driveway at 7654 Villa Maria and lies 2.41 kilometers from the antenna. The field intensity measured at this point should not exceed 17.3 mV/m.