

AM BROADCAST STATION LICENSE

Call Sign : WLKW

LICENSEE:

TELE-MEDIA BROADCASTING COMPANY OF PROVIDENCE, L.P.

1. Community of License. . . : Providence, RI
2. Transmitter location. : Roger Williams Ave.
Providence, RI

North Latitude. : 41° 50' 03"
West Longitude. : 71° 21' 56"

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)
1502 Wampanoag Trail
East Providence, RI

5. Remote control location
1502 Wampanoag Trail
East Providence, RI

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 12 & 21.

8. Frequency. : 790 kHz

9. Nominal power (kW). : 5.0 Day 5.0 Night

Antenna input power (kW) :

5.0 Day ☒ Non-directional antenna : current 9.45 amperes: resistance 56 ohms.
☐ Directional antenna :

5.4 Night ☐ Non-directional antenna : current 10.4 amperes: resistance 50 ohms.
☒ Directional antenna :

10. Hours of operation : Unlimited

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,¹ 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

April 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.

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 control by the Government of the United States conferred by section 605 of the Communications Act of 1934, as amended.

HKC:rao

FEDERAL
COMMUNICATIONS
COMMISSION



¹ This license consists of this page and pages

Dated:

DEC 1 2 1996

File No.: BZ-960910AA

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1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Two (2) uniform cross-section, guyed, series-excited, vertical steel radiators.
Theoretical RMS: 643.74 mV/m; **Standard RMS:** 683.83 mV/m; **Q:** 30.725. All values @ 1km, Night.

Height above Insulators: 97.54 m (92.5°)

Overall Height: 99.06 m

Spacing and Orientation: Spaced 48.77 m (46.3°) on a line bearing 90° True.

Non-Directional Antenna: Tower #1(E). **Theoretical Efficiency:** 311.57 mV/m/km/kW.

Ground System consists of 120 buried, copper radials, 97.54 m in length, equally spaced about the base of each tower. Radials are bonded together at intersection between towers.

2. **THEORETICAL SPECIFICATIONS**

Towers:	#1(E)	#2(W)
Phasing:	-150°	0°
Field Ratio:	1.12	1.00

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	0°	146°
Antenna Base Current Ratio:	1.000	.956
Antenna Monitor Sample Current Ratio:	1.000	.940

* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 252.2° True North. From the transmitter proceed west 0.2 mile to Dexter Road 0.55 mile to Massasoit Avenue. Turn right on Massasoit Avenue and proceed southwest to entrance to New Red Bridge. West over New Red Bridge to Butler Avenue. Right on Butler Avenue 0.1 mile to Angell Street. Right on Angell Street and proceed north-east 0.3 mile to dead end at Gulf Street. Turn right on Gulf Street and proceed 0.1 mile to monitor point. The monitor point is on the grass embankment east of Gulf Street at north end of the guard rail. The airline distance from the transmitter is 0.77 mile. The field intensity measured at this point should not exceed 160 mV/m.

Direction of 306° True North. From the proposed 252.5° monitor point proceed north on Gulf Street 0.1 mile to Angell Street. Turn left on Angell Street and proceed west 0.3 mile to Butler Avenue. Right on Butler Avenue and proceed 0.2 mile to Blackstone Boulevard. Bear left on Blackstone Boulevard 0.8 mile to old Tannery Road. Continue on Blackstone Boulevard 0.2 mile to monitor point. The monitor point is at the intersection of the asphalt walk and a dirt pathway near the center of the median strip. The airline distance from the transmitter is 1.46 miles. The field intensity measured at this point should not exceed 85.6 mV/m, Night.

Direction of 219° True North. From the 306° monitor point proceed south on Blackstone Boulevard 1.0 mile to Butler Avenue. Bear right on Butler Avenue and proceed 0.2 mile south-southwest to Angell Street. Turn right on Angel Street and proceed approximately 0.2 mile to Wayland Square when Angell Street becomes South Angel Street. Proceed on South Angel Street approximately 0.5 mile to Hope Street. Turn left on Hope Street and proceed 0.3 mile to Wickenden Street. Right on Wickenden Street and proceed approximately 0.25 mile to entrance to Interstate I-195 South. Enter I-195 and proceed west approximately 0.6 mile to entrance to Interstate I-95 South. Proceed south on I-95 approximately 1.1 miles to Thurbers Avenue exit. Right on Thurbers Avenue and proceed west 0.6 mile to Praire Avenue. Left on Praire Avenue 0.3 mile to Broad Street. Turn left on Broad Street and proceed 0.15 mile south to entrance to Roger Williams Park. Right into Roger Williams Park 0.2 mile to monitor point. The monitor point is indicated by an orange disc approximately 8 inches in diameter on either side of an asphalt walkway and just north of the monitor point. The airline distance from the transmitter is 3.82 miles. The field intensity measured at this point should not exceed 20.0 mV/m, Night.

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 252.2° True North. From the transmitter proceed west 0.2 mile to Dexter Road 0.55 mile to Massasoit Avenue. Turn right on Massasoit Avenue and proceed southwest to entrance to New Red Bridge. West over New Red Bridge to Butler Avenue. Right on Butler Avenue 0.1 mile to Angell Street. Right on Angell Street and proceed north-east 0.3 mile to dead end at Gulf Street. Turn right on Gulf Street and proceed 0.1 mile to monitor point. The monitor point is on the grass embankment east of Gulf Street at north end of the guard rail. The airline distance from the transmitter is 0.77 mile. The field intensity measured at this point should not exceed 160 mV/m.

Direction of 306° True North. From the proposed 252.5° monitor point proceed north on Gulf Street 0.1 mile to Angell Street. Turn left on Angell Street and proceed west 0.3 mile to Butler Avenue. Right on Butler Avenue and proceed 0.2 mile to Blackstone Boulevard. Bear left on Blackstone Boulevard 0.8 mile to old Tannery Road. Continue on Blackstone Boulevard 0.2 mile to monitor point. The monitor point is at the intersection of the asphalt walk and a dirt pathway near the center of the median strip. The airline distance from the transmitter is 1.46 miles. The field intensity measured at this point should not exceed 85.6 mV/m, Night.

Direction of 219° True North. From the 306° monitor point proceed south on Blackstone Boulevard 1.0 mile to Butler Avenue. Bear right on Butler Avenue and proceed 0.2 mile south-southwest to Angell Street. Turn right on Angell Street and proceed approximately 0.2 mile to Wayland Square when Angell Street becomes South Angell Street. Proceed on South Angell Street approximately 0.5 mile to Hope Street. Turn left on Hope Street and proceed 0.3 mile to Wickenden Street. Right on Wickenden Street and proceed approximately 0.25 mile to entrance to Interstate I-195 South. Enter I-195 and proceed west approximately 0.6 mile to entrance to Interstate I-95 South. Proceed south on I-95 approximately 1.1 miles to Thurbers Avenue exit. Right on Thurbers Avenue and proceed west 0.6 mile to Praire Avenue. Left on Praire Avenue 0.3 mile to Broad Street. Turn left on Broad Street and proceed 0.15 mile south to entrance to Roger Williams Park. Right into Roger Williams Park 0.2 mile to monitor point. The monitor point is indicated by an orange disc approximately 8 inches in diameter on either side of an asphalt walkway and just north of the monitor point. The airline distance from the transmitter is 3.82 miles. The field intensity measured at this point should not exceed 20.0 mV/m, Night.