

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BR-801201ZR
BL-801215AH

Call Sign: W P R O
FAC ID: 64843

STANDARD BROADCAST STATION LICENSE
RENEWAL & MODIFICATION

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, ^{1/}the LICENSEE

CAPITAL CITIES/ABC, 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 APRIL 1, 1991

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

- 1. On a frequency of 630 kHz.
- 2. With nominal power of 5 kilo watts nighttime and 5 kilo watts daytime,
with antenna input power of 5400 watts --- directional Common Point current 10.4 amperes
antenna nighttime Common Point resistance 50 ohms,
and antenna input power of 5000 watts NON directional Antenna current 10.7 amperes
antenna daytime Antenna resistance 43.5 ohms

3. Hours of operation: Unlimited

Average hours of sunrise and sunset:

- Jan. 7:15 am to 4:45 pm; Feb. 6:45 am to 5:15 pm;
- Mar. 6:00 am to 5:45 pm; Apr. 5:00 am to 6:30 pm;
- May 4:30 am to 7:00 pm; June 4:15 am to 7:15 pm;
- July 4:15 am to 7:15 pm; Aug. 4:45 am to 6:45 pm;
- Sep. 5:30 am to 6:00 pm; Oct. 6:00 am to 5:00 pm;
- Nov. 6:30 am to 4:30 pm; Dec. 7:00 am to 4:15 pm;

Eastern Standard Time (Non-Advanced)

- 4. With the station located at: Providence, Rhode Island
- 5. With the main studio located at: 1502 Wampanoag Trail
East Providence, Rhode Island
- 6. Remote control point: ---

- 7. Transmitter location: North Latitude: 41° 46' 28"
1502 Wampanoag Trail West Longitude: 71° 19' 23"
Providence, Rhode Island

6/2/86 SUPERSEDED TO CORRECT SUNSET TIME FOR MONTH JUNE

- 8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 12 & 21.
- 9. Transmitter(s): FCC Type Accepted
- 10. Conditions: ---

5/14/86 SUPERSEDED TO MAKE CORRECTIONS AND CHANGE OPERATING PARAMETERS

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'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 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.

^{1/}This license consists of this page and pages 2 & 3.

Dated: July 15, 1981

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FEDERAL
COMMUNICATIONS
COMMISSION



BR-801201ZR

File No.: BL 801212AH

Call Sign: WPRO

FAC ID: 64843

Date: 7-15-81

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- N

No. and Type of Elements: Two, vertical, guyed, series-excited, steel radiators of uniform cross section. Theoretical RMS: 391.48 mV/m.

Height above Insulators: 380' (87.5°)

Overall Height: 400'

Spacing and Orientation: Spaced 820' (189°) on a line bearing 60° T.

Non-Directional Antenna: SW(#1)

Ground System consists of 180 equally spaced, buried copper radials from 275' to 385' in length, plus a 35' x 35' ground screen about the base of each tower.

2. THEORETICAL SPECIFICATIONS

	Tower	SW(#1)	NE(#2)
Phasing:	Night	0°	-6°
Field Ratio:	Night	1.0	1.14

3. OPERATING SPECIFICATIONS

Phase Indication*: Night 0° -4.5°

Antenna Base			
Current Ratio:	Night	1.00	0.881

Antenna Monitor Sample			
Current Ratio:	Night	1.00	0.911

*As indicated by Potomac Instruments AM-19 D(210) Antenna Monitor

ANTENNA SAMPLING SYSTEM APPROVED UNDER SECTION 73.68(b) OF THE RULES.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 51° true North. This location is on Barneyville Road, 0.3 mile south of Y intersection. Go out Fall River Highway to cross-road leading to Barneyville, Massachusetts. Proceed north on cross-road approximately 1.8 miles to intersection. Back track 0.3 mile south from intersection. Take reading in field opposite pole #4564. The field intensity measured at this point should not exceed 11.6 mv/m.

Direction of 237.5° true North. Locate Warwick Avenue in Cranston, Rhode Island, and proceed south to Manor Drive. Go southeast on Manor Drive to Lansdown Road. South on Lansdown Road one-tenth of a mile to monitoring point. The field intensity measured at this point should not exceed 15.7 mv/m.

Direction of 277.5° true North. Proceed south on Eddy Street to Broad Street. South on Broad Street to Wheeler Avenue. West, northwest on Wheeler Avenue to Dead End beside lake in Roger Williams Park. Measuring point 100 feet-west-northwest of Fire Alarm Box on west side of side of Boulevard skirting lake opposite to Wheeler Avenue and in a line with the center of Wheeler Avenue. The field intensity measured at this point should not exceed 34 mv/m.