

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AM BROADCAST STATION LICENSE

File No. : BS-901213

Call Sign : W L E E  
52050

LICENSEE: Pearson-Newco, Inc.

1. Community of License .....: Richmond, VA  
2. Transmitter location .....: Adjacent to abandoned Pamell Airport, 305 meters south of Transport St.  
North latitude .....: 37 ° 28 ' 00 "  
West longitude .....: 77 ° 27 ' 08 "  
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)  
121 Wyck Street, Suite 300  
Richmond, VA  
5. Remote control location:  
121 Wyck Street, Suite 300  
Richmond, VA

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None Required

8. Frequency .....: 1320 kHz

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

Antenna input power (kW):

5.4 Day  Non-directional antenna:  
 Directional antenna : current 10.39 amperes; resistance 50 ohms.  
--- Night  Non-directional antenna:  
 Directional antenna : current --- amperes; resistance --- ohms.

10. Hours of operation: Specified in BML-790425AD, BR-3166

11. Conditions .....: Attached

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

October 1, 1995

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.

<sup>1</sup> This license consists of this page and pages 2, 3, & 4

Dated: JAN 18 1991

FEDERAL COMMUNICATIONS COMMISSION



KN:y1

June 1980

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1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four (4), vertical, guyed, series-excited, steel radiators of uniform cross-section. Theoretical RMS: 653.22 mV/m/km. Standard RMS: 686.29 mV/m/km. Q = 22.361, Daytime.

Height above Insulators: 53.4 m (84.5°)

Overall Height: Towers #2(NE) & #4(NW): 54.3 m  
Towers #1(SE) & #3(SW): 55.5 m

Spacing and Orientation: with the southeast (#1) tower as reference, NE(#2) tower spaced 100° on a line bearing 317° T; SW(#3) tower is spaced 180° on a line bearing 277° T; NW(#4) tower is spaced 284° on a line bearing 290° T.

Non-Directional Antenna: N/A

Ground System consists of 120 equally spaced radials of #10 soft bare copper wire, 54.9 m long buried 6 to 9 inches plus 120 shorter radials 15.2 m about the base of each tower. Radials are bonded to four inch copper straps between elements.

2. THEORETICAL SPECIFICATIONS

Tower	SE(#1)	NE(#2)	SW(#3)	NW(#4)
Phasing:	0.0°	-147.2°	-38.8°	-161.7°
Field Ratio:	1.0	0.97	1.065	0.876

3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	-145.5°	-39.0°	-162.0°
Antenna Base				
Current Ratio:	1.00	0.974	0.988	0.861
Antenna Monitor Sample				
Current Ratio:	1.00	0.979	1.001	0.859

\* As indicated by Potomac Instruments AM-19D (210) antenna Monitor. Antenna sampling system approved under section 73.68(b) rules.

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $64^{\circ}$  true North. From the transmitter proceed to US Route #1 and turn left to Richmond; at Broad St. turn right. This later becomes Route 60 and Route 5. When Route 5 turns right from Route 60, proceed on Route 5 for approximately 2.7 miles bear right on Osborne Road for 0.38 miles. The monitoring point is located in the field 50 feet to the West of Osborne Road and opposite a 3' telephone terminal and block mailbox with the name: Earl A. Ward. The field intensity measured at this point should not exceed 11.5 mV/m.

Direction of  $137^{\circ}$  true North. As in Monitoring Point #1 proceed Route 5 heading South and to Osborne Road. When Osborne Road leaves Route 5 proceed 3.68 miles South on Osborne Road to Mill Road. Turn right on Mill Road and proceed 0.65 miles to large brick gate. Turn left through gate and go 1.1 miles along dirt road to monitoring point. The Monitoring Point is located on a small rise, in the center of the road, beside the third pole from house (which is dead ahead). The field intensity measured at this point should not exceed 17.0 mV/m.

Direction of  $198^{\circ}$  true North. From the transmitter proceed to US Route #1 and turn right (South), Jefferson Davis Highway, to Chippenham Parkway (Approx. 2 miles), turn right on Chippenham Parkway and go 1.9 miles to Hopkins Road. Turn left on Hopkins Road (South) for 1.4 miles to Beulah Road. Turn left on Beulah Road and proceed past Beulah School to road to left, Brookshire Road, and turn left and approximately 0.1 mile again left into school yard and parking area. The monitoring point is located in the play ground on North side of driveway and just North of water fountain. The field intensity measured at this point should not exceed 13.2 mV/m.

Direction of  $232^{\circ}$  true North. As in Monitoring # 3 proceed to Route #1 and South to Chippenham Parkway. Turn right and proceed on Chippenham Parkway approximately 3 miles to Route 10, turn left on Route 10. Proceed on Route 10 for 0.95 miles to Rock Spring Drive, turn right and proceed on Rock Spring Drive 0.35 miles to intersection of Rock Spring Drive and Garthdale Drive. The Monitoring Point is located in the center of this intersection. The field intensity measured at this point should not exceed 45 mV/m.

Direction of  $277^{\circ}$  true North. As in Monitoring Points #3 & 4 proceed to Route #1 then South to Chippenham Parkway, turn right on Chippenham Parkway for 4.85 miles to Walmsley Blvd, turn right and proceed 0.65 miles to driveway on right Number 5601, with name of D. P. Jones. The Monitoring Point is located in center of drive approximately 75' from road. The field intensity measured at this point should not exceed 25 mV/m.

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The provisions of Section 73.30(a) of the Commission's Rules are waived to the extent of permitting relocation of the main studio outside the corporate limits of Richmond, Virginia at 121 Wyck Street, Suite, 300. This authority is effective upon notification to the Commission that programming has commenced from the new main studio.