

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BL-880812AB

Call Sign : WAMJ

LICENSEE:

BARRISTER INVESTMENT COMPANY

1. Community of License: South Bend, IN
2. Transmitter location: 0.38 mi N of US-20, on E.
side of Filbert Road
Mishawka, IN
North latitude: 41° 41' 09"
West longitude: 86° 09' 53"
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)
5. Remote control location:
1129 N. Hickory
South Bend, IN

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

8. Frequency: 1580 kHz

9. Nominal power (kW): 1.0 Day 0.5 Night

Antenna input power (kW):

1.0 Day

Non-directional antenna:
 Directional antenna : current 4.26 amperes; resistance 55 ohms.

0.54 Night

Non-directional antenna:
 Directional antenna : current 3.28 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BP-860924AA

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

December 1, 1989

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.

¹ This license consists of this page and pages 2 & 3

Dated: APR 17 1990

JDS/ajs

FEDERAL
COMMUNICATIONS
COMMISSION



APR 18 1990

File NO. BL-860924AA

Call Sign: WAMJ

Date: 8-18-88

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three (3), uniform cross section, guyed, series-excited steel radiators. Theoretical RMS: 209.86 mV/m/km. Standard RMS: 220.6 mV/m/km. Q factor 10.0.

Height above Insulators: 155.7 ft (90°)

Overall Height: 158.7 ft

Spacing and Orientation: Towers are spaced 144.5° apart on a line bearing 22° True.

Non-Directional Antenna: Daytime theoretical efficiency is 305.8 mV/m/km.

Ground System consists of 120 buried copper radials extending 155.7 feet long, plus 120 radials 60 feet long will be interspersed between the longer radials.

2. THEORETICAL SPECIFICATIONS

	Tower	#1(SW)	#2(C)	#3(NE)
Phasing:				
	Night	-69.3°	0°	68.8°
Field Ratio:				
	Night	0.633	1.0	0.468

3. OPERATING SPECIFICATIONS

Phase Indication*:				
	Night	-70.4°	0°	73°
Antenna Base				
Current Ratio:				
	Night	0.528	1.00	0.485
Antenna Monitor Sample				
Current Ratio:				
	Night	0.560	1.00	0.523

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

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS

Direction of 45.5° true North. Proceed from the transmitter drive, turn right and head north on Filbert Road, 0.8 miles, to the intersection of Day Road. Turn right and proceed east on Day Road approximately 3.0 miles to the intersection of Bittersweet Road. Turn left and proceed north on Bittersweet Road, 1.75 miles, to the intersection of Cleveland Road. Turn left and proceed west on Cleveland Road, 0.23 miles, to the monitoring point. The point is taken 15 feet east of the guardrail on the north side of the road. This point #18 on the radial. The photograph is taken looking northwest. The field intensity measured at this point should not exceed 0.74 mV/m.

Direction of 74° true North. Proceed from the transmitter drive, turn right and head north on Filbert Road, 0.8 miles, to the intersection of Day Road. Turn right and proceed east on Day Road, 3.8 miles, to the intersection of Buckeye Road. Turn left and proceed north on Buckeye Road, 0.38 miles, to the monitoring point. The point is taken on the east side of the road at the north edge of the drive to 54616 Buckeye Road. This is point #24 on the radial. The photograph is taken looking north. The field intensity measured at this point should not exceed 0.75 mV/m.

Direction of 202° true North. Proceed from the transmitter drive, turn left and head south on Filbert Road, 0.45 miles, to the intersection of McKinley Road (US-20). Turn right and proceed west on McKinley Road, 0.7 miles, to the intersection of Main Street. Turn left and proceed south, 2.2 miles, to the intersection of 16th Street. Turn right and proceed west on 16th Street, 0.28 miles, to the intersection of West Street. Turn left and proceed south on West Street, 0.18 miles, to the monitoring point. The point is taken on the west side of the road, at the southeast corner of the property at 1635 West Street. This is point #22 on the radial. The photograph is taken looking northwest. The field intensity measured at this point should not exceed 16.4 mV/m.

Direction of 330° true North. Proceed from the transmitter drive, turn right and head north on Filbert Road, 0.8 miles to the intersection of Day Road. Turn left and proceed west on Day Road, 1.0 mile, to the intersection of Grape Road. Turn right and proceed north on Grape Road, 1.45 miles, to the stoplight to the entrance to University Park Mall. Turn left and proceed west to first stop sign. Turn left and proceed south on the outer drive of the mall, 0.18 miles, to the entrance to 1st source Drive-in Bank and the monitoring point. The point is taken at the small island directly across from the entrance to the bank, on the north side of the outer drive of the mall. This is point #15 on the radial. The photograph is taken looking east-southeast. The field intensity measured at this point should not exceed 2.4 mV/m.

Direction of 358.5° true North. Proceed from the transmitter drive, turn right and head north on Filbert Road, 0.8 miles, to the intersection of Day Road. Turn right and proceed east on Day Road, 0.5 miles, to the intersection of Fir Road. Turn left and proceed north on Fir Road, approximately 1.55 miles to the intersection of Cass Road. Turn left and proceed west on Cass Road, 0.15 miles, to the monitoring point. The point is taken on the north side of the road at the edge of the agricultural field, west of a small line of trees. This is point #20 on the radial. The photograph is taken looking southeast. The field intensity measured at this point should not exceed 1.6 mV/m.