FCC Form 352
February 1977

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BR-790529UT
BZ-790130AH

RENEWAL & MODIFICATION
STANDARD BROADCAST STATION LICENSE

Call Sign: WMNI

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

NORTH AMERICAN BROADCASTING CO.

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 OCTOBER 1, 1982

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

1. On a frequency of 920 kHz.
2. With nominal power of 500 watts nighttime and 1 kilo watts daytime,
   with antenna input power of 540 watts --- directional antenna nighttime ..... [COMMON POINT current 2.68 amperes; COMMON POINT resistance 75.0 ohms,
   and antenna input power of 1080 watts ---directional antenna daytime ..... [COMMON POINT current 3.80 amperes; COMMON POINT resistance 75.0 ohms
3. Hours of operation: UNLIMITED TIME:
   Average hours of sunrise and sunset:
   Jan. 8:00am to 5:30pm; Feb. 7:30am to 6:00pm;
   Mar. 6:45am to 6:45pm; Apr. 6:00am to 7:15pm;
   May 5:15am to 7:45pm; June 5:00am to 8:00pm;
   July 5:15am to 8:00pm; Aug. 5:45am to 7:30pm;
   Sep. 6:15am to 6:45pm; Oct. 6:45am to 6:00pm;
   Nov. 7:15am to 5:15pm; Dec. 7:45am to 5:15pm;
   EASTERN STANDARD TIME (NON-ADVANCED)
4. With the station located at: COLUMBUS, OHIO
5. With the main studio located at: Southern Hotel
   Columbus, Ohio
6. Remote control point: 310 S. High St.,
   Columbus, Ohio
7. Transmitter location:
   1441 Maxlane Drive
   Grove City, Ohio
   North Latitude: 39 ° 53 ' 31.5 "
   West Longitude: 83 ° 02 ' 50.5 "
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1,3,11 & 21.
9. Transmitter(s): TYPE ACCEPTED
10. Conditions: ---

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,&4 attached to License dated 2-4-75

Dated: May 22, 1981
cjb

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
April 1973

File No.: BR-790529UT
BZ-790130AH Call Sign: WMNI Date: 5-22-81

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM DA- 2

No. and Type of Elements: Four uniform cross section, guyed, series-excited vertical steel towers.

Height above Insulators: 267.5'(90°)

Overall Height: 273.5'

Spacing and Orientation: 267.5'(90°) on a line bearing 10° true.

Non-Directional Antenna: None used

Ground System consists of 120-270' equally spaced copper radials with 120-135' interspaced radials at the base of each tower. Radials are shortened and bonded to transverse straps midway between towers.

2. THEORETICAL SPECIFICATIONS

	Tower	N(#1)	NC(#2)	SC(#3)	S(#4)
Phasing:	Night & Day	-42.8°	105.8°	-105.8°	42.8°
Field Ratio:	Night & Day	1.0	2.54	2.54	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:

Night & Day	-153°	0°	+145°	-62°

Antenna Base Current Ratio:

Night	0.374	1.00	1.021	0.371
& Day	0.375	1.00	1.008	0.368

Antenna Monitor Sample Current Ratio:

Night & Day	0.370	1.00	1.00	0.360

*As indicated by Potomac Instruments AM-19(204) antenna monitor.

Field measuring equipment shall be available at all times, and the field intensity at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 100° true North. From transmitter proceed 0.9 mile on WMNI lane and Lazar Road to junction with Dyer Road. Turn right on Dyer Road and proceed 0.9 mile to junction with State Route No. 104. Turn left on Route No. 104 and proceed 1.2 miles to traffic light and junction with Frank Road. Turn right on Frank Road and proceed 1.2 miles to junction with South High Street (U.S. Route No. 23). Turn right and proceed on U.S. Route No. 23 2.3 miles to entrance to Great Southern Shopping Center. Turn right at shopping center entrance approximately 125 feet and turn right again along outer lane of parking lot. Proceed approximately 0.1 mile to point directly west and opposite the large shopping center sign that is installed at the edge of the highway. This is the monitoring point. Monitoring point is on the sidewalk directly west and in line with edge of shopping center sign. Monitoring point is also in line with north row of parking lot light poles to the west. This is the same as point No. 409 on the 100° radial. Distance from transmitter is 2.6 miles. The field intensity measured at this point should not exceed 3.6 mV/m.

Direction of 130° true North. From transmitter proceed 0.9 mile on WMNI lane and Lazar Road to junction with Dyer Road. Turn right on Dyer Road and proceed 0.9 mile to junction with State Route No. 104. Turn left on Route 104 and proceed 1.2 miles to traffic light and junction with Frank Road. Turn right on Frank Road and proceed 1.2 miles to junction with South High Street (U.S. Route No. 23). Turn right on U.S. Route No. 23 and proceed 3.8 miles to monitoring point. Monitoring point is at center of cross-over lane between north and south bound divided highway, U.S. 23. This cross-over lane is an entrance to the Ohio State Highway Patrol Academy. This point is the same as point No. 609 on the 130 radial. Distance from transmitter is 3.0 miles. The field intensity measured at this point should not exceed 4.3 mV/m.

Direction of 190° true North. From transmitter proceed 0.9 mile on WMNI lane and Lazar Road to junction with Dyer Road. Turn right on Dyer Road and proceed 0.9 mile to junction with State Route No. 104. Turn right on Route No. 104 and proceed 3.9 miles to junction with Borror Road. Turn right on Borror Road and proceed 1.85 miles to monitoring point. Monitoring point is in middle of road and middle of concrete bridge over small stream. Bridge is located in the center of bend in road also. This point is the same as point No. 907 on the 190° radial. Distance from transmitter is 3.6 miles. The field intensity measured at this point should not exceed 13.5 mV/m.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (Continued)

Direction of 240° true North. From transmitter proceed 0.9 mile on WMNI lane and Lazar Road to junction with Dyer Road. Turn left on Dyer Road and proceed 0.7 mile to junction with Gantz Road. Turn left on Gantz and proceed 1.0 mile to junction with Hoover Road. Turn left on Hoover Road and proceed 1.3 miles to junction with Columbus Street. Turn right on Columbus Street and proceed 0.9 mile to junction with Haughn Road. Turn left on Haughn Road and proceed 0.6 mile to junction with Ventura Blvd. Turn right on Ventura Blvd. and proceed 0.2 mile to monitoring point. Monitoring point is in center of entrance to driveway on south side of road. Address is 3699 Ventura Blvd. This point is the same as point No. 1111 on the 240° radial. Distance from transmitter is 2.6 miles. The field intensity measured at this point should not exceed 4.1 mV/m.

Direction of 260° true North. From transmitter proceed 0.9 mile on WMNI lane and Lazar Road to junction with Dyer Road. Turn left on Dyer Road and proceed 0.7 mile to junction with Gantz Road. Turn left on Gantz Road and proceed 1.0 mile to junction with Hoover Road. Turn left on Hoover Road and proceed 1.3 miles to junction with Columbus Street. Turn right on Columbus Street and proceed 1.4 miles to junction with U.S. Route No. 62 (traffic light). Turn left on U.S. No. 62 and proceed south 0.15 mile to second traffic light and junction with Grove City Road. Turn right on Grove City Road and proceed 1.5 mile to junction with Holt Road. Turn left on driveway leading to metal garage and proceed approximately 100 feet to monitoring point. Monitoring point is approximately 75 feet east (left) of driveway in open field and is in direct line with south side of three houses farther to the east. This point is the same as point No. 1216 on the 260° radial. Distance from transmitter is 3.9 miles. The field intensity measured at this point should not exceed 1.65 mV/m.

WMNI · WRKZ · WTDA

NORTH AMERICAN BROADCASTING CO., INC.

March 29, 2012

To Whom It May Concern,

As Chief Engineer for North American Broadcasting Company, Inc., licensee of radio station WMNI-AM, I can state that the ground system for WMNI-AM has remained unchanged from and is accurately described in our most recent station license, file # BR-790529UT / BZ-790130AH. Investigation has shown that it is still in excellent condition.

William F. Bowin
Chief Engineer

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