



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

MAJAC OF MICHIGAN, INC.  
 4855 COVENTRY COURT  
 VERO BEACH FL 32967

*Son Nguyen*  
 Son Nguyen  
 Supervisory Engineer  
 Audio Services Division  
 Mass Media Bureau

Facility Id: 19625

Call Sign: WENE

License File Number: BZ-20000615AEV

Grant Date: **SEP 29 2000**

This license expires 3:00 a.m.  
 local time, June 01, 2006.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

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 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. 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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
 Local Standard Time (Non-Advanced)

Jan.	7:30 AM	5:00 PM	Jul.	4:45 AM	7:45 PM
Feb.	7:00 AM	5:30 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:15 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:45 PM	Oct.	6:15 AM	5:30 PM
May	4:45 AM	7:15 PM	Nov.	7:00 AM	4:45 PM
Jun.	4:30 AM	7:45 PM	Dec.	7:30 AM	4:30 PM

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Name of Licensee: MAJAC OF MICHIGAN, INC.

Station Location: ENDICOTT, NY

Frequency (kHz): 1430

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 4 Min 56 Sec

Longitude: W 76 Deg 1 Min 53 Sec

Night

Latitude: N 42 Deg 4 Min 56 Sec

Longitude: W 76 Deg 1 Min 53 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 7.07 Night: 10.3

Resistance (ohms): Day: 100 Night: 51

Non-Directional Antenna: Day

Radiator Height: 61 meters; 104.5 deg

Theoretical Efficiency: 315.43 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No. ASRN

1 1003211

Night:

Tower No. ASRN

1 1003210

2 1003209

3 1003211

4 1003213

5 1003212

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 780.53  
 Standard RMS (mV/m/km):  
 Augmented RMS (mV/m/km): Night: 820.89  
 Q Factor: Night: 36.19

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.6850	-140.000	90.0000	50.000	0	104.5
2	0.2600	80.000	180.0000	52.000	0	104.5
3	1.0000	4.000	6.0000	345.000	0	104.5
4	0.2600	-80.000	180.0000	232.000	0	104.5
5	0.6850	140.000	90.0000	230.000	0	104.5

\* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	128.0	16.0	45.38
2	128.0	10.0	51.50
3	136.0	12.0	64.37
4	142.0	10.0	54.72
5	147.0	10.0	75.64
6	187.0	10.0	141.62
7	212.0	34.0	69.20
8	245.0	30.0	69.20
9	260.0	20.0	98.17
10	300.0	20.0	225.31
11	311.0	22.0	217.26
12	323.0	16.0	209.21
13	331.0	16.0	231.75

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current	Antenna Base Current Ratio
1	70	0.27	0.209
2	-144	0.7	0.685
3	0	1	1
4	134	0.69	0.724

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Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio	Antenna Base Current Ratio
5 -87	0.265	0.278

Antenna Monitor: Potomac Instruments AM19D (210) S/N 871

Sampling System Approved Under Section 73.68(b) of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
128	3.81	7.55
142	5.89	3.1
187	3.28	32
229	1.77	16
260	3.77	16.5
323	5.26	13

\*\*\* END OF AUTHORIZATION \*\*\*