



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

 BIRACH BROADCASTING CORPORATION
 21700 NORTHWESTERN HWY STE 1190
 TOWER 14
 SOUTHFIELD MI 48075

 Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 49785

Call Sign: WNWJ

License File Number: BL-20000224AAT

Grant Date: July 13, 2000

This license expires 3:00 a.m.
 local time, December 01, 2004.

This supersedes authorization of same date to correct 249 degree MP field.
 (JBS 2/1/2001)

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

Name of Licensee: BIRACH BROADCASTING CORPORATION

Station Location: OAK LAWN, IL

Frequency (kHz): 1080

Station Class: B

Antenna Coordinates:

Day

Latitude: N 41 Deg 38 Min 36 Sec

Longitude: W 87 Deg 38 Min 45 Sec

Night

Latitude: N 41 Deg 38 Min 36 Sec

Longitude: W 87 Deg 38 Min 45 Sec

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

Nominal Power (kW): Day: 3.0 Night: 0.90

Antenna Input Power (kW): Day: 3.0 Night: 0.97

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 10.17 Night: 4.41

Resistance (ohms): Day: 29 Night: 50

Non-Directional Antenna: Day

Radiator Height: 59.7 meters; 77.4 deg

Theoretical Efficiency: 298 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	60.6

Night:

Tower No.	ASRN	
1	None	60.6
2	None	60.6
3	None	60.6
4	None	60.6

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 282.48
 Standard RMS (mV/m/km): Night: 297.38
 Augmented RMS (mV/m/km):
 Q Factor: Night: 20.42

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.3960	-152.800	0.0000	0.000	0	77.4
2	1.0000	0.000	70.0000	170.000	0	77.4
3	0.8900	150.700	140.0000	170.000	0	77.4
4	0.2850	-59.800	210.0000	170.000	0	77.4

* Tower Reference Switch

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

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-156	0.445
2	0	1
3	153	0.875
4	50	0.265

Antenna Monitor: Potomac Instruments AM 19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
86	3	4.86
99	3.22	5.69
241	3.81	5.36
249	3.85	5.24
254	5	3.5

Callsign: WNWI

License No.: BL-20000224AAT

Special operating conditions or restrictions:

- 1 The licensee in coordination with other users of the site must reduce power/cease operation to protect persons having access to the site/tower/antenna from RF electromagnetic fields in excess of FCC guidelines.

*** END OF AUTHORIZATION ***