



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: 74121

Call Sign: WTOR

License File Number: BL-20001113ABU

Grant Date: February 21, 2002

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

This License Covers Permit No.: BP-19991220ACC

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: Daytime

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

Jan.	7:45 AM	5:00 PM	Jul.	4:45 AM	8:00 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:15 AM	7:15 PM
Mar.	6:30 AM	6:15 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:30 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	5:00 AM	7:30 PM	Nov.	7:15 AM	4:45 PM
Jun.	4:30 AM	8:00 PM	Dec.	7:45 AM	4:45 PM

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Name of Licensee: BIRACH BROADCASTING CORPORATION

Station Location: YOUNGSTOWN, NY

Frequency (kHz): 770

Station Class: D

Antenna Coordinates:

Day

Latitude: N 43 Deg 13 Min 05 Sec

Longitude: W 78 Deg 56 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: 9.0

Antenna Input Power (kW): Day: 9.48

Antenna Mode: Day: DA

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

Current (amperes): Day: 13.77

Resistance (ohms): Day: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	60.7
2	None	60.7
3	None	60.7

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 903.64

Standard RMS (mV/m/km): Day: 949.34

Augmented RMS (mV/m/km):

Q Factor: Day: 30

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.5690	-101.000	0.0000	0.000	0	56.1
2	1.0000	0.000	100.0000	142.000	0	56.1
3	0.4620	101.000	200.0000	142.000	0	56.1

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-87	0.594
2	0	1
3	97	0.502

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
94.6	2.8	6.84
116.6	2.95	6.72
167.4	2.2	8.62
189.4	2.2	8.88

Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

2 Direction of and Field Intensity at Monitoring Points:

Direction of 94.6° True North. Proceed out the transmitter drive to Langdon Road. Turn left and proceed east 1.0 miles to Dickersonville Road. Turn left on Dickersonville Road and proceed north 0.14 miles to Schoolhouse Road. Turn right on Schoolhouse Road and proceed east 0.77 miles to Ransomville Road. Turn left on Ransomville road and proceed north 0.07 miles to the monitor point. The monitor point is located 45 feet south of Bell Telephone Pole No. 1001, on the east side of the road. This is point #17 on the radial and is located 2.80 kilometers from the transmitter site. The normal reading at this point is 6.0 mV/m. The field intensity measured at this point should not exceed 6.84 mV/m, daytime.

Direction of 116.6° True North. Proceed out the transmitter drive to Langdon Road. Turn left and proceed east 1.0 miles to Dickersonville Road. Turn left on Dickersonville Road and proceed north 0.14 miles to Schoolhouse Road. Turn right on Schoolhouse Road and proceed east 0.77 miles to Ransomville Road. Turn right on Ransomville road and proceed south 0.6 miles to the monitor point. The monitor point is located 25 feet south of Bell Telephone Pole No. 228, on the west side of the road. This is point #18 on the radial and is located 2.95 kilometers from the transmitter site. The normal reading at this point is 6.25 mV/m. The field intensity measured at this point should not exceed 6.72 mV/m, daytime.

Direction of 167.4° True North. Proceed out the transmitter drive to Langdon Road. Turn left and proceed east 0.35 miles to the intersection with Williams Road. Turn right and proceed south on Williams Road approximately 1.0 miles to Swan Road. Turn left and proceed east 200 feet to the monitor point. The point is on the north side of Swan Road halfway between house numbers 2051 and 2065. This is point #13 on the radial and is located 2.2 kilometers from the transmitter site. The normal reading at this point is 7.85 mV/m. The field intensity measured at this point should not exceed 8.62 mV/m, daytime.

Direction of 189.4° True North. Proceed out the transmitter drive to Langdon Road. Turn left and proceed east 0.35 miles to the intersection with Williams Road. Turn right and proceed south on Williams Road approximately 1.0 miles to Swan Road. Turn right and proceed west 0.65 miles to the monitor point. The point is on the south side of Swan Road in the driveway to house number 1778. This point is directly across from fire hydrant No 34. This is point #13 on the radial and is located 2.2 kilometers from the transmitter site. The normal reading at this point is 8.0 mV/m. The field intensity measured at this point should not exceed 8.88 mV/m, daytime.

Ground System Description: The proposed ground system consists of 120 buried copper radials, extending 97.2 meters in length, about the base of each tower except where shortened to terminate at property boundaries or at transverse copper straps running midway between the towers.

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*** END OF AUTHORIZATION ***