



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WHIPLASH RADIO, LLC
 60 FOREST AVENUE
 GREENSBURG, OH 15601

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Grant Date: April 06, 1964

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

Facility Id: 73308

Call Sign: WYCL

License File Number: BL-10380

This license covers Permit No.: BP-13,993

Revised License Authorization per Licensee Requested. 02/12/98 HKC.

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

Name of Licensee: WHIPLASH RADIO, LLC

Station Location: NILES, OH

Frequency (kHz): 1540

Station Class: D

Antenna Coordinates:

Day

Latitude: N 41 Deg 07 Min 56 Sec

Longitude: W 80 Deg 45 Min 40 Sec

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

Nominal Power (kW): Day: 0.50

Antenna Input Power (kW): Day: 0.54

Antenna Mode: Day: DA

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

Current (amperes): Day: 3.19

Resistance (ohms): Day: 53

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None
2	None
3	None

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 204.39

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 221.6

Q Factor: Day:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	62.000	0.0000	0.000	0	90.1
2	1.9000	5.000	158.0000	75.000	0	90.1
3	1.0000	-62.000	316.0000	75.000	0	90.1

* 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	10.0	60.0	386.24
2	143.0	66.0	402.34
3	205.0	58.0	20.92
4	255.0	10.0	39.43
5	270.0	30.0	32.19
6	285.0	10.0	20.44
7	290.0	10.0	26.55
8	295.0	10.0	22.21
9	308.0	25.0	23.34

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)
75	1.7	
255	2.7	
285	2.5	
295	1.8	

*** END OF AUTHORIZATION ***