

AM BROADCAST STATION LICENSE

LICENSEE: Faircom Flint, Inc.

- 1. Community of License... : Flint, Michigan
- 2. Transmitter location.... : G-3338 E. Bristol Road
Burton, Michigan

North Latitude..... : 42° 58' 22"
 West Longitude..... : 83° 38' 24"

6. Antenna and ground system:
Attached

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

4. Main Studio Location: (See Section 73.1125)
G-3338 E. Bristol Road
Burton, Michigan

5. Remote control location

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None Required.

8. Frequency..... : 1470 kHz

9. Nominal power (kW)..... : 5.0 Day 1.0 Night

Antenna input power (kW) :

5.4	Day	<input type="checkbox"/> Non-directional antenna	current	10.4	amperes:	resistance	50	ohms.
		<input checked="" type="checkbox"/> Directional antenna	:					
1.08	Night	<input type="checkbox"/> Non-directional antenna	current	4.65	amperes:	resistance	50	ohms.
		<input checked="" type="checkbox"/> Directional antenna	:					

10. Hours of operation :

11. Conditions..... :

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

October 1, 1996

The Commission reserves the right during said license period of terminating this license or making effective any change, 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.

The license is issued on the licensee's representation that the statements contained in the 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, as amended. This license is subject to the right of control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

EAL:rao

FEDERAL
COMMUNICATIONS
COMMISSION



¹ This license consists of this page and pages 2, 3, 4 & 5

Dated:

JUN 16 1996

File No.: BZ-941104AI

Call Sign: WFNT

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Three (3) uniform cross section, guyed, series excited vertical radiators. Theoretical RMS: 302.56 mV/m/km, night. 769.27 mV/m/km, day; Augmented RMS: 344.70 mV/m/km, night; 808.602 mV/m/km, day. Q = 12.49, night, 27.38, day.

Height above Insulators: 51.0 m (90°)

Overall Height: 52.4 m

Spacing and Orientation: Spaced 51.0 m (90°) between adjacent elements on a line bearing 147° true.

Non-Directional Antenna: None authorized

Ground System consists of 120-50.9 m equally spaced, buried, copper radials plus 120-12.2 m interspaced radials about the base of each tower. Intersecting radials shortened and bonded to transverse copper straps midway between adjacent towers.

2. **THEORETICAL SPECIFICATIONS**

Towers:		#1(N)	#2(C)	#3(S)
Phasing:	Night:	-148.1°	0°	148.1°
	Day:	-138.5°	2.4°	138.5°
Field Ratio:	Night:	1.0	1.42	1.0
	Day:	1.0	1.69	1.0

3. **OPERATING SPECIFICATIONS**

Phase Indication*:

Night:	-154°	0°	143°
Day:	-139.5°	0°	136°

Antenna Base

Current Ratio:

Night:	0.625	1.00	0.625
Day:	0.489	1.00	0.492

Antenna Monitor Sample

Current Ratio:

Night:	0.620	1.00	0.620
Day:	0.485	1.00	0.495

* As indicated by Potomac Instruments AM-19 (204) Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 63° True North. From the entrance to the transmitter site, turn right (east) on Bristol Road and proceed for 3.4 miles to Vassar Road. Turn left (north) on Vassar Road and proceed for 1.5 miles to Milano Street. Turn left (west) on Milano and follow the road as it turns back to the south, stopping at 2322 Eugene Street. The monitor point is located in the middle of the street at the driveway of 2322 Eugene Street. This location is point 311 and is located 3.49 miles (5.63 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 8.7 mV/m, day.

Direction of 85° True North. From Monitor Point #1, continue southward, to Atherton Road. At the intersection with Atherton Road, turn left (east) and proceed for 1.5 miles to Irish Road. Turn right (south) on Irish Road and proceed for 0.85 miles to the monitor point. The monitor point is located at the northeast corner of the intersection of Irish Road and Barden road on top of a manhole cover. This location is point 508, and is located 4.33 miles (6.97 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 10.5 mV/m, day.

Direction of 110.5° True North. From Monitor Point #2, continue southward along Irish Road for 0.15 miles to the intersection with Bristol Rod. Turn right (west) on Bristol Road and proceed for 2.0 miles to Belsay Road. Turn left (south) on Belsay Road and proceed for 1.0 mile to Maple Road. Turn right (west) on Maple Road and proceed for 0.15 miles to the monitor point. The monitor point is located in the driveway of 5465 Maple Road on the north side of the street. This locations point 606 and is located 2.36 miles (3.80 kilometers) form the transmitter site. The field intensity measured at this point should not exceed 8.5 mV/m,day.

Direction of 147° True North. From Monitor Point #3, continue west on Maple Road for 0.15 miles to Belsay Road. Turn left (south) on Belsay Road and proceed for 1.0 mile to Hill Road. Turn right (west) on Hill Road and proceed for 0.85 miles to a shopping center parking lot on the right (Victoria Square). Enter the parking lot from the west entrance. The monitor point is located in the grass strip along Hill Road 25 feet from the parking lot. This location is point 806 and is located 2.29 miles (3.68 kilometers) from the transmitter site. This location is the same as that for Nighttime Monitor Point #4. The field intensity measured at this point should not exceed 25.0 mV/m, day.

Direction of 209° True North. From the Monitor Point #5, exit the parking lot and turn right (west) on Hill Road. Proceed west on Hill Road for 2.35 miles to Porter Road. Turn left (south) on Porter Road and proceed for 1.0 miles to Reid School Road. Turn right (west) on Reid School Road and proceed for 0.55 miles to the monitor point. The monitor point is located on the north side of the road across from a power line pole. This location is point number 1111 and is located 3.44 miles (5.54 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 17.8 mV/m, day.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 49° True North. From the entrance to the transmitter site, turn right (east) on Bristol Road and proceed for 1.32 miles to Genesee Road. Turn left (north) on Genesee Road and proceed 0.95 miles to the monitor point. The monitor point is located 25 feet west of Genesee Road in a field near a Doctor's office. This location is point 207 and is located 1.68 miles (2.71 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 19.3 mV/m, night.

Direction of 79° True North. From Monitor Point #1, return south along Genesee Road for 0.85 miles to a school parking lot. The monitor point is located in the school parking lot near a light pole. Look for the painted markings on the pavement. This location is 406 and is located 1.30 miles (2.10 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 59.7 mV/m, night.

Direction of 117° True North. From Monitor Point #2, continue south on Genesee Road to Bristol Road. At Bristol Road, turn left (east) and proceed for 1.0 mile to Belsay Road. Turn right (south) on Belsay Road and proceed for 1.0 mile to Maple Avenue. Turn right (west) on Maple Avenue and proceed for 0.25 miles to Belsay Road. Turn left (south) on Belsay Road and proceed for 0.25 miles to the monitor point. The monitor point is located on the east side of Belsay Road in line with a wood pole. This location is point 707 and is located 2.35 miles (3.78 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 19.5 mV/m, night.

Direction of 147° True North. From Monitor Point #3, continue south on Belsay Road for 0.75 miles to Hill Road. Turn right (west) on Hill Road and proceed for 0.85 miles to a shopping center on the north side of Hill Road (Victoria Square). Enter the parking lot from the west entrance. The monitor point is located in a grass area 25 feet from the parking lot. This location is point 806 and is located 2.29 miles (3.68 kilometers) from the transmitter site. This location is the same as that for Daytime Monitor Point #4. The field intensity measured at this point should not exceed 15.0 mV/m, night.

Direction of 179° True North. From Monitor Point #5, continue west on Hill Road for 1.1 miles to the entrance of Maple Cemetery on the south side of Hill Road. Enter the cemetery and look for Reid Tombstone on the right side of the drive, just past the old cemetery entrance. The monitor point is located on the cemetery drive in line with Reid's Tombstone. This location is point 906 and is located 1.98 miles (3.18 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 5.2 mV/m, night.

Direction of 217° True North. From Monitor Point #5, continue along the cemetery road to the exit. Turn left (west) and proceed for 0.6 miles to Saginaw Street. Turn right (northwest) on Saginaw Street and proceed for 0.8 miles to the bowling alley on the right side of Saginaw Street. Turn into the Bowling alley drive and proceed around the back of the building. The monitor point is located on a storm drain grate. This location is point 1207 and is located 1.61 miles (2.59 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 24.0 mV/m, night.

File No: BZ-941104A1

Call Sign: WFNT

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 245° True North. From Monitor Point #6, continue around the back of the bowling alley back to Saginaw Street. Turn right (northwest) on Saginaw Street and proceed for 0.5 miles to Maple Avenue. Turn left (west) on Maple Avenue and proceed for 0.3 miles to the eastern entrance to the parking lot of the Seventh Day Adventist Church on the north side of Maple Avenue. The monitor point is located on the back northeast corner of the parking lot. This location is point 1310 and is 1.96 miles (3.15 kilometers) from the transmitter site. The field intensity measured at this point should not exceed 12.4 mV/m, night.