

May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

File No. : BL-891117AB
FAC ID : 22045
Call Sign : W P O N

LICENSEE:

FOREIGN RADIO PROGRAMS, INC.

1. Community of License : Walled Lake, MI

2. Transmitter location : 0.35 km NE of inter-
section of Benstein
and Loon Lake Roads
Walled Lake, MI

North latitude : 42° 32' 38"

West longitude : 83° 29' 58"

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)

2222 Franklin Road
Bloomfield Hills, MI

5. Remote control location:

2222 Franklin Road
Bloomfield Hills, MI

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

8. Frequency : 1460 kHz

9. Nominal power (kW) : 1.0 Day 0.76 Night

Antenna input power (kW):

1.08 Day



Non-directional antenna:



Directional antenna

: current 4.64 amperes; resistance 50 ohms.

0.82 Night



Non-directional antenna:



Directional antenna

: current 4.05 amperes; resistance 50 ohms.

10. Hours of operation: Specified in BP-880721AF

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 AM. 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 or any decision rendered as a result of any such hearing which has been designated but not held, 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 use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934, as amended.

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

Dated:

FEDERAL
COMMUNICATIONS
COMMISSION



JDS:y1

7 MAY 1992

File NO. BL-891117AB Call Sign: WPON

Date: 1D: 22045

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Six(6) guyed, series excited, insulated, vertical, steel uniform cross-section radiators. Theoretical RMS: 299.07 mV/m/km, day; 288.31 mV/m/km, night. Standard RMS: 314.2 mV/m/km, day; 302.92 mV/m/km, night. Q factor: 10.0, day; 10.28 night.

Height above Insulators: 51.4 meters (90°).

Overall Height: 53.3 meters.

Spacing and Orientation: With tower #4 as reference, tower #5 is spaced 344° on a line bearing 143° True, tower #1 is spaced 90° on a line bearing 58° True. With tower #1 as reference, tower #6 is spaced 344° on a line bearing 143° True. With tower #3 as reference, tower #2 is spaced 90° on a line bearing 0° True, tower #1 is spaced 180° on a line bearing 0° True.

Non-Directional Antenna: Non used.

Ground System consists of 120 copper radials extending 51.4 meters long around each tower except where shortened by property boundaries or four inch copper bonding straps running midway between the towers. Also, 120 radials extending 18.29 meters long around each tower.

2. THEORETICAL SPECIFICATIONS

| | Tower | #4 | #5 | #1 | #6 | #3 | #2 |
|--------------|-------|-----|------|-------|------|-------|-----|
| Phasing: | Night | --- | --- | -139° | --- | 143° | 0° |
| | Day | 0° | 144° | -114° | 30° | --- | --- |
| Field Ratio: | Night | --- | --- | 0.932 | --- | 0.443 | 1.0 |
| | Day | 1.0 | 0.75 | 0.6 | 0.45 | --- | --- |

3. OPERATING SPECIFICATIONS

| | | | | | | | |
|-------------------------------|-------|------|-------|-------|-------|-------|------|
| Phase Indication*: | Night | --- | --- | -139 | --- | 138° | 0° |
| | Day | 0° | 144° | -114° | 30° | --- | --- |
| Antenna Base | | | | | | | |
| Current Ratio: | Night | --- | --- | 0.857 | --- | 0.489 | 1.00 |
| | Day | 1.00 | 0.788 | 0.601 | 0.450 | --- | --- |
| Antenna Monitor Sample | | | | | | | |
| Current Ratio: | Night | --- | --- | 0.861 | --- | 0.483 | 1.00 |
| | Day | 1.00 | 0.75 | 0.60 | 0.450 | --- | --- |

* As indicated by Gorman-Redlick CMR (242) Antenna Monitor Antenna sampling system approved under section 73.68(b) rules.

DESCRIPTION OF AND FIELD STRENGTH MEASUREMENTS AT MONITORING POINTS

Direction of 59.0° True North. From the transmitter site entrance road, turn right and proceed north on Benstein Road approximately 1.6 miles to Oakley Park Road. Turn right on Oakley Park Road and proceed east approximately 3.3 miles to Haggerty Road. Turn left on Haggerty Road and proceed north approximately 0.4 mile to Richardson Road. Turn right on Richardson Road and proceed east approximately 0.7 mile to Forbush Avenue. Turn left on Forbush Avenue and proceed north to the end of the street. Turn left at the end of the street. This is Colony Road. Proceed west on Colony Road to 7312 Colony. The monitor point is located in the road at the end of the driveway at 7312 Colony. This is point number 14 on the radial. The field intensity measured at this point should not exceed 4.0 mV/m Daytime.

Direction of 160° True North. From the transmitter site entrance road, turn south (left) and proceed approximately 0.8 mile to the intersection with West Maple Road. Turn east (left) onto West Maple Road and proceed 0.5 mile to the first stop sign. Proceed across the intersection, still on West Maple Road, about 0.1 mile to the next stop sign. Turn left (east) onto West Maple Street and proceed 0.25 mile to the traffic light at the corner of West Maple Street and Pontiac Trail. Continue straight across this intersection onto East Lake Shore Drive, and proceed around Walled Lake 2.0 miles to the traffic light at Novi Road, 13 Mile Road and East Lake Shore Drive. Turn south (left) onto Novi Road and proceed about 0.5 mile to 12 1/2 Mile Road. Turn west (right) onto this gravel road, and proceed about 0.15 mile to the monitor point, which is the entrance to the house at 43691 12 1/2 Mile Road. This is point number 16 on the radial. The field intensity measured at this point is 21.4 mV/m Daytime.

Direction of 227.0° True North. From the transmitter site entrance road, turn left (south) and proceed 0.8 mile to the corner of Benstein Road and West Maple Road. Turn right (west) onto West Maple Road and proceed about 0.9 mile to the corner of West Maple Road and Beck Road. Turn south (left) onto Beck Road and proceed about 0.7 mile to Pontiac Trail. Turn west (right) onto Pontiac Trail and proceed about 0.55 mile to the monitor point, which is on the south side of the road, at the entrance to the Stone Ridge Apartment Complex. The point is at the road's edge, opposite the Complex sign. This is point number 18 on this radial. The field intensity measured at this point should not exceed 6.9mV/m Daytime.

Direction of 94.5° True North. From the transmitter site entrance road, turn south (left) onto Benstein Road and proceed about 0.8 mile to the corner of West Maple Road. Turn east (left) onto West Maple Road and proceed about 0.5 mile to the stop sign at the corner of West Road and West Maple Road. Proceed straight across this intersection, continuing on West Maple Street, to the next stop sign. Turn left on West Maple Street, and proceed to the traffic light at the corner of West Maple Street and Pontiac Trail. Turn north (left) onto Pontiac Trail and proceed about 0.5 mile to the corner of Pontiac Trail and West Maple Road. Turn east (right) onto West Maple Road, and proceed about 2.5 miles to the corner of West Maple Road and Haggerty Road. Turn south (right) onto Haggerty and stop at the monitor point, which is on the east side of the road, at the turn lane usage sign, as shown in the photo. This is point number 8 on this radial. The field intensity measured at this point should not exceed 11.7 mV/m Nighttime.

Direction of 145.5° True North. From the transmitter site entrance road, turn left (south) onto Benstein Road, and proceed about 0.8 mile to the corner of Benstein and West Maple Road. Turn east (left) onto West Maple Road and proceed about 0.5 mile to the stop sign at West Road and West Maple Road. Proceed straight through, continuing onto West Maple Street, for about 0.1 mile to the next stop sign. Turn left (east) onto West Maple Street and proceed about 0.25 mile to the traffic light at the corner of West Maple Street and Pontiac Trail. Proceed straight through this traffic light onto East Lake Shore Drive, and proceed around Walled Lake approximately 1.6 miles to the monitor point, which is opposite the yellow house at 1517-F East Lake Shore Drive. This is point number 7 on this radial. The field intensity measured at this point should not exceed 15.3 mV/m Nighttime.

Direction of 214.5° True North. From the transmitter site entrance road, turn south (left) onto Benstein Road and proceed about 0.8 mile to the corner of Benstein Road and West Maple Road. Turn west (right) onto West Maple Road, and proceed about 0.8 mile to the corner of West Maple Road and Beck Road. Turn south (left) onto Beck Road, and proceed about 0.7 mile to the corner of Beck Road and Pontiac Trail. Turn west (right) onto Pontiac Trail and proceed about 1.1 miles to the corner of Wixom Road and Pontiac Trail, turning south (left) onto Wixom Road. Proceed about 2.05 miles, crossing over the I-96 expressway, and to the traffic light at the corner of Wixcom Road and Grand River Avenue. Turn west (right) on Grand River Avenue and proceed about 0.45 mile to the monitor point, which is on the north side of the road, at the entrance to the Grand Oaks Commerce Industrial Park. This is point number 24 on the radial. The field intensity measured at this point should not exceed 9.4 m V/m Nighttime.