

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BL-800911AA

Call Sign: W O P P

RAED 17829

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, — the LICENSEE

OPP RADIO, INCORPORATED

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time APRIL 1, 1989

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1290 kHz.
2. With nominal power of 500 watts nighttime and 2.5 kilowatts daytime

| with antenna input power of | 480 | --- directional | Common Point |
|-----------------------------|-----|-----------------|--------------|
| watts | | | |

antenna nighttime Common Point

and antenna input power of 2700 watts --- directional Common Point

antenna daytime

Common Point

3. Hours of operation: Unlimited Time.

Average hours of sunrise and sunset:

| | | | |
|--------------------------------------|---------------------|------|---------------------|
| Jan. | 6:45 am to 5:00 pm; | Feb. | 6:30 am to 5:30 pm; |
| Mar. | 6:00 am to 5:45 pm; | Apr. | 5:15 am to 6:15 pm; |
| May | 4:45 am to 6:45 pm; | June | 4:30 am to 7:00 pm; |
| July | 4:45 am to 7:00 pm; | Aug. | 5:00 am to 6:30 pm; |
| Sep. | 5:30 am to 6:00 pm; | Oct. | 5:45 am to 5:15 pm; |
| Nov. | 6:15 am to 4:45 pm; | Dec. | 6:45 am to 4:45 pm; |
| Central Standard Time (Non-Advanced) | | | |

4. With the station located at: Opp, Alabama

5. With the main studio located at: End of Gamrod Drive

Opp, Alabama

6. Remote control point: _____

7. Transmitter location:
End of Camrod Drive

North Latitude:

31° 17' 27"

WILLIAM

860 13' 51.4"

Opp, Alabama

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: None required

Type Accepted
9. Transmitted(s).

10. Conditions: -----

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

This license is issued on the licensee's representation that the statements contained in licensee applications 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 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.

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



BR-811201UA
File No.: BL-800911AA

Call Sign: WOPP

Date: 3-23-82

DA- 2

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four, guyed, series-excited, steel radiators of uniform cross-section. Theoretical RMS: 349.42 mV/m, day; 123.75 mV/m, night, Standard RMS: 367.25 mV/m, day; 130.09 mV/m night.

Height above Insulators: 191'(90°)

Overall Height: 194'

Spacing and Orientation: From reference tower #3, Tower #1 is spaced 233.1° at an azimuth of 67.29° T. Tower #2 is spaced 116.25° at an azimuth of 67.29° T and tower #4 is spaced 114.17° at an azimuth of 247.29° T.

Non-Directional Antenna: NONE authorized

Ground System consists of 120 evenly spaced copper radials, 191 feet long extending from the base of each tower. Radials cut at intersection with transverse straps. Radials are shortened and bonded to ground rods where they would extend beyond the property boundaries. In addition, a 48x48 foot ground screen is installed around the base of each tower and the radials bonded to it.

2. THEORETICAL SPECIFICATIONS

| Phasing: | Tower | E(#1) | EC(#2) | #3)WC | W(#4) |
|----------|-------|--------|--------|---------|-----------|
| | Night | -- | 93.96° | 0° | -151.052° |
| | Day | 232.3° | 73.77° | -78.13° | -232.3° |

| Field Ratio: | Night | -- | 0.679 | 1.000 | 1.000 |
|--------------|-------|----|-------|-------|-------|
|--------------|-------|----|-------|-------|-------|

3. OPERATING SPECIFICATIONS

| Phase Indication*: | Night | -- | 93.5° | 0° | -132.5° |
|--------------------|-------|--------|-------|----|---------|
| | Day | -48.5° | 154° | 0° | -152.7° |

| Antenna Base | Night | -- | 0.654 | 1.00 | 0.192 |
|----------------|-------|-------|-------|------|-------|
| Current Ratio: | Day | 0.475 | 0.949 | 1.00 | 0.551 |

| Antenna Monitor Sample | Night | -- | 0.65 | 1.00 | 0.192 |
|------------------------|-------|-------|-------|------|-------|
| Current Ratio: | Day | 0.492 | 0.975 | 1.00 | 0.542 |

*as indicated by Potomac Instruments AM-19(204) antenna monitor.

Field measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every seven days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 28.5° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn right and proceed 4.95 miles east on 84 to dirt road. Turn right and proceed .45 miles on dirt road to point. Measurement is made on north side of road in front of pine tree. Point #29, 2.55 miles. The field intensity measured at this point should not exceed 4.2 mV/m Daytime.

Direction of 70° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn right and proceed .5 miles east on 84 to County #26. Turn right and proceed 4.6 miles east on #26 to Brooklyn. Turn right and proceed .2 miles south on County #38 to point. Measurement is made on west side of road 100 feet north of brick house. Point #27, 3.92 miles. The field intensity measured at this point should not exceed 14.5 mV/m Daytime and 3.0 mV/m Nighttime.

Direction of 106.5° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn left and proceed .1 miles west on 84 to Malloy Street. Turn left and proceed .4 miles south to 134 intersection. Turn left and proceed 2.9 miles on 134 east to Coffee County Road #5. Turn right and proceed .45 miles south on Coffee County #5 to measurement point. Measurement is made on west side of road opposite unused wooden telephone pole. Point #25, 2.85 miles. The field intensity measured at this point should not exceed 6.3 mV/m Daytime.

Direction of 147.5° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn left and proceed .1 miles west on 84 to Malloy Street. Turn left and proceed 1.2 miles south on Malloy to 52 intersection. Turn left and proceed 5 miles east on 52 to Coffee #74. Turn right and proceed .3 miles south on Coffee #74 to point. Measurement is made on north side of road. Point #31, 5.1 miles. The field intensity measured at this point should not exceed 0.54 mV/m Daytime.

Direction of 320° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn left and proceed 1 mile on 84 west to 331 intersection. Turn right and proceed 3 miles north 331 to Covington County #38. Turn left and proceed .4 miles west on County #38 to dirt road. Turn right and proceed 1 mile north. Turn right and proceed .1 miles north. Turn left and proceed .1 mile west on dirt road to point. Measurement is made on north side of road in front of chicken house. Point #30, 4.76 miles. The field intensity measured at this point should not exceed 1.17 mV/m Daytime.

Direction of 35° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn right and proceed 4.95 miles east on 84 to dirt road. Turn right and proceed .45 miles on dirt road to point. Measurement is made on south side of road 20 feet west of tree. Point #33, 3.4 miles. The field intensity measured at this point should not exceed 2.75 mV/m Nighttime.

Direction of 101.5° true North. From WOPP transmitter site proceed .5 miles west on Cameron Road to 84 intersection. Turn left and proceed .1 miles west on 84 to Malloy Street. Turn left and proceed .4 miles south to 134 intersection. Turn left and proceed 5.7 miles on 134 east to dirt road. Turn right and proceed .4 miles south on dirt road to dirt road intersection and point. Measurement is made in center of road 20 feet west of intersection

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DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (CONT'D)

Point #32, 5.3 miles. The field intensity measured at this point should not exceed
0.97 mV/m Nighttime.