

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: **BL-13,384**

Call Sign: **WRMP**

STANDARD BROADCAST STATION LICENSE
MODIFIED

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, ^{1/}the LICENSEE

WRMP, INC.

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 **February 1, 1976**

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

1. On a frequency of **1060** kHz.
2. With nominal power of **5 kilo** watts nighttime and **10 kilo** watts daytime,
with antenna input power of **4.0 kilo** watts - directional [**common point** current **8.95** amperes
antenna nighttime [**common point** resistance **50** ohms,
and antenna input power of **10.5 kilo** watts - directional [**common point** current **14.5** amperes
antenna daytime [**common point** resistance **50** ohms
3. During the following period or periods of time: **Unlimited:**
Average hours of sunrise and sunset:
Jan. 7:15am to 5:45pm; Feb. 7:00am to 6:15pm;
Mar. 6:30am to 6:30pm; Apr. 6:00am to 6:45pm;
May 5:30am to 7:00pm; June 5:30am to 7:15pm;
July 5:30am to 7:30pm; Aug. 5:45am to 7:00pm;
Sep. 6:15am to 6:30pm; Oct. 6:30am to 6:00pm;
Nov. 6:45am to 5:30pm; Dec. 7:15am to 5:30pm;
Eastern Standard Time (non-advanced)
4. With the station located at: **Titusville, Florida**
5. With the main studio located at:
State Highway 46, 4.5 mile West of
Mims Florida
6. The apparatus herein authorized to be used and operated is located at: North Latitude: **28 ° 39 ' 47 "**
State Highway 46, West Longitude: **80 ° 55 ' 17 "**
4.5 mile West of
Mims, Florida

Transmitter(s):
GATES BC-10H

or other transmitter currently listed in the Commission's "Radio Equipment List, Part B, Aural Broadcast Equipment" for the power herein authorized).

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 11 & 21.**
9. Conditions: -

This supersedes page 1 of authorization issued same date to correct Studio Location.

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

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 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.**



Dated: **April 20, 1973**

FEDERAL COMMUNICATIONS COMMISSION

Ron F. Waples
Secretary

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: **HL-13,384**

Call Sign: **WRMF**

STANDARD BROADCAST STATION LICENSE

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, ^{1/}the LICENSEE

WRMF, INC.

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 **February 1, 1976**

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

1. On a frequency of **1060 kHz.**
2. With nominal power of **5 kilo** watts nighttime and **10 kilo** watts daytime,
with antenna input power of **4.0 kilo** watts - directional **common point** current **8.95** amperes
antenna nighttime **common point** resistance **50** ohms,
and antenna input power of **10.5 kilo** watts - directional **common point** current **14.5** amperes
antenna daytime **common point** resistance **50** ohms
3. During the following period or periods of time: **Unlimited:**
Average hours of sunrise and sunset:
Jan. 7:15am to 5:45pm; Feb. 7:00am to 6:15pm;
Mar. 6:30am to 6:30pm; Apr. 6:00am to 6:45pm;
May 5:30am to 7:00pm; June 5:30am to 7:15pm;
July 5:30am to 7:30pm; Aug. 5:45am to 7:00pm;
Sep. 6:15am to 6:30pm; Oct. 6:30am to 6:00pm;
Nov. 6:45am to 5:30pm; Dec. 7:15am to 5:30pm;
Eastern Standard Time (non-advanced)
4. With the station located at: **Titusville, Florida**
5. With the main studio located at:
1050 Queen Street
Titusville, Florida
6. The apparatus herein authorized to be used and operated is located at: North Latitude: **28° 39' 47"**
State Highway 46, West Longitude: **80° 55' 17"**
4.5 mile West of
Hims Florida

Transmitter(s):
GATES BC-10H

or other transmitter currently listed in the Commission's "Radio Equipment List, Part B, Aural Broadcast Equipment" for the power herein authorized).

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3, 11 & 21.**
9. Conditions: -

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

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 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.**

FEDERAL COMMUNICATIONS COMMISSION

Ben F. Waples

Secretary

Dated: **April 20, 1973**



File No. **BL-13384**

Call Sign **WRMF**

Date **4-20-73**

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

DA- 2

No. and Type of Elements: **Five guyed, series excited, vertical radiators of uniform cross-section.**

Height above Insulators: **232' (90°)**

Overall Height: **237'**

Spacing and Orientation: **Adjacent elements are spaced 232 feet (90°) on a bearing of 118° true.**

Non-Directional Antenna:

Ground System consists of **120 equally spaced copper radials 232 feet long, plus 120 interspaced radials 35 feet long about the base of each tower. Intersecting radials shortened and bonded to transverse copper straps midway between adjacent towers.**

2. THEORETICAL SPECIFICATIONS

	Tower	W(#1)	WC(#2)	C(#3)	EC(#4)	E(#5)
Phasing:	Night	270°	135°	0°	-135°	-270°
	Day			0°	-143°	
Field Ratio:	Night	1.000	3.346	4.732	3.346	1.000
	Day			1.00	0.85	

3. OPERATING SPECIFICATIONS

Phase Indication:*	Night	-80.9°	137.6°	0°	-133.0°	83.3°
	Day			0°	-139.5°	

Antenna Base Current Ratio:	Night	0.192	0.664	1.000	0.736	0.216
	Day			1.000	0.873	

Phase Monitor Sample Current Ratio:	Night	0.204	0.692	1.000	0.704	0.193
	Day			1.000	0.840	

Potomac Instrument PM-19

**As indicated by phase monitor.*

Phase indications and antenna base currents shall be read and entered in the operating log at least once each hour.

Phase monitor sample currents may be read and logged in lieu of base currents provided base currents are read and logged at least once **daily for each pattern.**

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.

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 3° true North. From the transmitter entrance proceed easterly 4.55 miles to Highway US-1, northerly 4.85 miles to Aurantia Road, westerly 1.66 miles to dead-end, southerly 0.77 mile to Burkholm Road, westerly 1.72 mile to monitoring point located in trail 200 feet east of gate in wildlife refuge opposite a stake marked 3. Distance from transmitter is 3.25 miles. The field intensity measured at this point should not exceed 26.5 mv/m DAY and 3.1 mv/m NIGHT.

Direction of 28° true North. From the transmitter entrance proceed easterly 4.55 miles to Highway US-1, northerly 4.85 miles to Aurantia Road, westerly 1.66 mile to dead-end, southerly 0.77 mile to Burkholm Road, westerly 0.45 mile to Gandy Road, southerly 0.25 mile to Nog Valley Road, easterly 0.27 mile to monitoring point located at south edge trail opposite a stake marked 28. Distance from transmitter is 3.77 miles. The field intensity measured at this point should not exceed 3.3 mv/m Night.

Direction of 208° true North. From the transmitter entrance proceed westerly 1.13 mile to Loughman Lake Road, southerly 2.45 miles to Norris Cattle Company gate, southeasterly 0.4 mile on Dike to monitoring point located at east edge of Dike at stake marked 208. Distance from transmitter is 2.89 miles. The field intensity measured at this point should not exceed 8.4 mv/m NIGHT.

Direction of 220° true North. From the transmitter entrance proceed westerly 1.13 mile to Loughman Lake Road, southerly 1.82 mile to Dike, easterly 100 feet on Dike to monitoring point located at a stake marked 220. Distance from transmitter is 2.02 miles. The field intensity measured at this point should not exceed 6.0mv/m NIGHT

Direction of 232° true North. From the transmitter entrance proceed westerly 1.13 mile to Loughman Lake Road, southerly 1.02 mile to creek and monitoring point located 25 feet east of east shoulder of road, at edge of water and at a stake marked 232. Distance from transmitter is 1.41 miles. The field intensity measured at this point should not exceed 9.0 mv/m NIGHT and 76.0 mv/m DAY.

Direction of 250° true North. From the transmitter entrance proceed westerly 1.13 mile to Loughman Lake Road, southerly 0.55 mile to monitoring point located at east edge of road opposite stake marked 250. Distance from transmitter is 1.20 miles. The field intensity measured at this point should not exceed 10.7 mv/m, NIGHT.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS: (Continued)

Direction of 298° true North. From the transmitter entrance proceed west and northwest 7.1 miles to Alderman Road, north 0.05 mile to monitoring point located on east edge of road at stake marked 298. Distance from transmitter is 6.87 miles. The field intensity measured at this point should not exceed 2.9 mv/m NIGHT and 81.2 mv/m DAY.

Direction of 330° true North. From the transmitter entrance proceed easterly 4.55 miles to Highway US-1, northerly 4.85 miles to Aurantia Road, westerly 1.66 mile to dead-end, southerly 0.77 mile to Burkholm Road, westerly 1.93 mile to dead-end southerly 0.2 mile, westerly 0.7 mile, northerly 0.85 mile, westerly and northerly 0.75 mile to Main Side Trail, south-westerly 0.75 mile to monitoring point located on trail at small pine tree and stake marked 330. Distance from transmitter is 3.96 miles. The field intensity measured at this point should not exceed 3.0 mv/m NIGHT.