June 1984

FEDERAL COMMUNICATIONS COMMISSION

FACID: 65664
Call Sign: WFFG

AM BROADCAST STATION LICENSE

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

MARATHON WIRELESS COMMUNICATIONS, 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, 1989 in accordance with the following:

1. Station location: Marathon, Florida

2. Main Studio location: (Listed only if not at transmitter site or not within boundaries of principal community)

3. Remote control location:

4. Transmitter location: Boot Key
Marathon, FL

North latitude: 24 ° 41 ' 28 "
West longitude: 81 ° 06 ' 30 "

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

6. Antenna and ground system: See page 2 attached

7. Obstruction marking and lighting specifications — FCC Form 715, paragraphs: 1 only

8. Frequency (kHz.): 1300

9. Nominal power (kW): 2.5 Day
2.5 Night

Antenna input power (kW): 2.7 Day

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 7.0 amperes; resistance 55 ohms.

2.7 Night

☐ Non-directional antenna: current _____ amperes; resistance _____ ohms.
☒ Directional antenna : current 7.0 amperes; resistance 55 ohms.

10. Hours of operation: Specified in construction permit (BP -BP-830617AF & BMP-850315AF)
11. Conditions:

11-25-85 Superseded to correct file number.

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.

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, 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 edr

Dated: OCT 22 1985

FEDERAL COMMUNICATIONS COMMISSION

FCC Form 353-A
June 1980

File NO.: BL-850325AA **Call Sign:** WFFG **Date:**

DA- 1

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Four, guyed, series excited, steel radiators of uniform cross-section. Theoretical RMS: 450.7 mV/m/km. Standard RMS: 473.2 mV/m/Km. SC tower supports an FM antenna, NC & SC towers are unused.

Height above Insulators: 171' (82°)

Overall Height: 174'

Spacing and Orientation: Two towers in line spaced 240° on a line bearing 0° T.

Non-Directional Antenna: N/A

Ground System consists of 120-150' equally spaced, buried, copper radials about the base of each tower. Intersecting radials shortened and bonded to transverse copper strap midway between towers. Radials to North & South are terminated 100' from towers and bonded to copper strap.

2. THEORETICAL SPECIFICATIONS

Tower	#1(S)	#2(N)
Phasing:	0°	-15.68°
Field Ratio:	1.0	0.937

3. OPERATING SPECIFICATIONS

Phase Indication*:	0°	-14°
Antenna Base Current Ratio:	1.00	1.088
Antenna Monitor Sample Current Ratio:	1.00	1.091

*** As indicated by** Potomac Instruments AM-19D(210) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

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at each of the monitoring points shall be measured at least once every seven days and appropriate record kept of all measurements so made.

DESCRIPTION OF AND STRENGTH OF MONITORING POINTS

Direction of 0° true north.
From the transmitter, proceed North for a distance of 0.11 miles. Turn right and proceed East 0.24 miles. Turn left and proceed for a distance of 1.0 mile to U.S. Highway 1. Turn left and proceed West for a distance of 0.14 miles. Turn right on to a small road that passes between Hall's Diving Center and Hall's Bait and Tackle Shops. Proceed North on this road for 0.11 miles. At this point, this road will end at the South end of a swimming pool. Turn left and proceed West for a distance of 300 feet into a wooded area, passing a North-South line of large fence posts. You will come into a clearing that has been lanscaped with cactus plants. A Northbound path will intersect at the monitor point locatior. Distance to the transmitter site is 1.23 miles. The field intensity measured at this point should not exceed 200 mV/m.

Direction of 35.5° true north.
From the transmitter, proceed North for a distance of 0.11 miles. Turn right and proceed East for a distance of 0.24 miles. Turn left and proceed for a distance of 1.0 miles to U.S. Highway 1. Turn right and proceed for 0.90 miles to the entrance of the Overseas Motel. Turn left into the motel entrance driveway and proceed North on the driveway for 0.10 miles. The monitor point is in the center of the driveway and is adjacent to a street light post on the East side of the drive. Distance from the transmitter is 1.77 miles. The field intensity measured at this point should not exceed 14.0 mV/m.

Direction of 324.5° true north.
From the transmitter, proceed North for a distance of 0.11 miles. Turn right and proceed East 0.24 miles. Turn left and proceed for a distance of 1.0 mile to U.S. Highway 1. Turn left and proceed West for a distance of 0.93 miles to a gravel road that turns off the highway to the right. This road is directly across the highway from the entrance to Knight's Key Campground. Proceed just around the curve on this gravel road. There is a group of rocks at the waters edge that bulkhead the shoreline. The monitor point is located at a cluster of three rocks that are painted yellow Distance to the transmitter is 1.31 miles. The field intensity measured at this point should not exceed 16.8 mV/m.