FCC Form 352
May 1988

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

File No. : BL-890315AD

Call Sign : WMTI

LICENSEE:
WILFREDO BLANCO PI

1. Community of License : Morovis, PR

2. Transmitter location : Road 634 Km 0.5
Morovis, PR

North latitude : 18° 20' 32"
West longitude : 66° 25' 08"

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)

5. Remote control location:
Road #2 KM. 29.7
Vega Alta, PR

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: 1, 3, 11 & 21 for Tower #1(S).
None required for Towers #2(NE) & #3(NW).

8. Frequency : 1580 kHz

9. Nominal power (kW) : 5.0 Day 2.5 Night

Antenna input power (kW) :

5.4 Day ☐ Non-directional antenna: ☒ Directional antenna : current 10.4 amperes; resistance 50 ohms.

1.64 Night ☒ Non-directional antenna: ☐ Directional antenna : current 2.37 amperes; resistance 291 ohms.

10. Hours of operation: Specified in BP-861028AQ & BMP-881205AB

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 February 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

Dated: JUN 26 1989

JDS/ajs

FEDERAL COMMUNICATIONS COMMISSION

JUN 27 1989

FCC Form 353A
June 1980

File NO. BL-890315AD Call Sign: WMTI Date: 3/15/89
DA-D

1. **DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM**

No. and Type of Elements: Three (3) vertical, uniform, cross-section, series excited, steel towers. Theoretical RMS: 702.69 mV/m/km, day. Standard RMS: 738.20 mV/m/Km, day. Q factor: 22.36 mV/m/km, day.

Height above Insulators: S(#1) 61.0 m (115.6° + 35° TL), #2(NE) 47.4 m (90°), #3(NW) 30.5 m (57.8°)

Overall Height: 61.9 m; 48.35 m; 31.4m.

Spacing and Orientation: With tower #1 (S) as reference, tower #2 (NE) is spaced 78° on a line bearing 51.5° T, and tower #3(NW) is spaced 60° on a line bearing 335° T.

Non-Directional Antenna: Nighttime (efficiency = 281.64 mV/m/Kw).

Ground System consists of 120 buried copper radials 45.7 m. long, plus 120 radials 15.2 m. interspersed between the longer radials.

2. **THEORETICAL SPECIFICATIONS**

	Tower	#1(S)	#2(NE)	#3(NW)
Phasing:	Day	0°	-99.321°	-150.181°
Field Ratio:	Day	1.0	0.735	0.617

3. **OPERATING SPECIFICATIONS**

Phase Indication*:	Day:	0°	-109°	-160°
Antenna Base Current Ratio	Day:	1.00	1.513	2.33
Antenna Monitor Sample Current Ratio:	Day:	1.00	0.74	0.62

* **As indicated by** Potomac Instruments AM-19 (204) Antenna Monitor.

SAMPLING SYSTEM APPROVED UNDER SECTION 73.68(b) OF THE RULES.

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DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 175° true North. Leave transmitter and proceed to road #634 toward SE until intersection with roads 155 and 145. Continue then thru road 145 up to intersection with roads 617R and 567. At this intersection turn left and follow road 617$ for 1.9 kms. The monitor Point sign will be found at intersection of Road 617R with an unnamed street on the right side. The monitor Ppoint is located .25 miles from intersection of Roads 617R and 617. The field intnesity measured at this point should not exceed 36.5 mV/m.