

Name of Licensee: WIFREDO G. BLANCO-PI

Station Location: MAYAGUEZ, PR

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 18 Deg 09 Min 17 Sec

Longitude: W 67 Deg 09 Min 08 Sec

Night

Latitude: N 18 Deg 09 Min 17 Sec

Longitude: W 67 Deg 09 Min 08 Sec

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

Nominal Power (kW): Day: 5.0 Night: 1.8

Antenna Input Power (kW): Day: 5.4 Night: 1.9

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 10.4 Night: 6.24

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1249764	
2	1249765	

Night:

Tower No.	ASRN	Overall Height (m)
1	1249764	
2	1249765	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 643.5 Night: 386.1

Standard RMS (mV/m/km): Day: 676.1 Night: 405.6

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	78.4
2	1.0000	-47.500	162.4000	61.500	0	78.4

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	78.4
2	1.0000	-47.500	162.4000	61.500	0	78.4

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	47.5	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	0.8
2	47.5	0.8

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 S/N 1809

Sampling System Approved Under Section 73.68 of the Rules.

## Special operating conditions or restrictions:

- 1 The facility described herein is considered to be a secondary facility and will not be afforded interference protection from other existing or future assignments for primary facilities.

The authority to operate the facilities described herein is expressly subject to the outcome of any future rulemaking regarding synchronous AM facilities. As a result, this license may be terminated or modified without notice or right to hearing.

In the event that the FCC institutes a rulemaking regarding AM synchronous operations, the licensee shall participate by filing detailed comments regarding its experience with the facilities described herein.

Licensee shall submit detailed reports every six (6) months describing all technical aspects of the operation as well as the results of measurement data including both quantitative and qualitative descriptions of the received signal quality in the areas of coverage and mutual interference of the primary and synchronous WISO (ID# 61147) facility.

The carrier frequency shall normally be maintained within a tolerance of 0.2 Hz of the primary WISO carrier frequency, however, specific short-term tests of greater frequency separation may be made.

- 2 This application is being granted prior to the completion of the International Telecommunications Union (ITU) registration process. Therefore, any construction of and operation with the facilities specified herein is at applicant's own risk and subject to modification, suspension or termination without right to hearing, if found by the Commission to be necessary in order to conform to the provisions of the registration process of the ITU, and to bilateral and other multilateral agreements between the United States and other countries.
- 3 A renewal of license application must be filed with the Commission before this license expires on April 11, 2010, and every year thereafter since this is an experimental facility, unless the licensee has terminated operations and notified the Commission in writing.
- 4 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 59.4 meters in length except where terminated by property boundaries.

Special operating conditions or restrictions:

5 Monitor Point Descriptions:

61.5° - From transmitter site proceed on PR-343 east for 1.4 km until km 1.3, then northeast on road to Rio Hondo Ward and proceed for 2.3 km to point located on left side of road in front of small sing (MP-1 WI2XSO), across from house of other side of road with three mailboxes (315, 317, 319), 2.55 km from site, max 116.6 mV/m daytime.

206° - From intersection of Plan Bonito Road and PR-102, proceed south on PR-102 for 4.3 km until km 15.6, then left for 0.4 km to point indicated with sign (MP-2 WI2XSO), across from boundary line of property lot #270, 5.9 km from site, max 1.7 mV/m daytime.

277° - From intersection of Plan Bonito Road and PR-102, proceed north on PR-102 for 0.9 km until km 9.1, then take Pedestrian Way toward beach located along the Severa Stage building property line, on shore, turn to right and walk for 50 meters and point locate din front of sign (WP-3 WI2XSO), 2.7 from site, max 12.0 mV/m daytime.

\*\*\* END OF AUTHORIZATION \*\*\*