



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

WIFREDO G. BLANCO-PI  
EXT. SAN AUGUSTIN  
1210 3RD STREET  
SAN JUAN PR 00926

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 89243

Call Sign: DWI2XSO

Permit File Number: BPEX-19990908AD

Grant Date: March 13, 2000

This permit expires 3:00 a.m.  
local time, March 13, 2001.

This authorization re-issued to correct expiration date. 6/18/02

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:  
Local Standard Time (Non-Advanced)

Jan.	7:00 AM	6:15 PM	Jul.	6:00 AM	7:15 PM
Feb.	7:00 AM	6:30 PM	Aug.	6:15 AM	7:00 PM
Mar.	6:30 AM	6:45 PM	Sep.	6:15 AM	6:30 PM
Apr.	6:15 AM	6:45 PM	Oct.	6:15 AM	6:00 PM
May	6:00 AM	7:00 PM	Nov.	6:30 AM	5:45 PM
Jun.	5:45 AM	7:00 PM	Dec.	6:45 AM	6:00 PM

Callsign: DWI2XSO

Permit No.: BPEX-19990908AD

Name of Permittee: WIFREDO G. BLANCO-PI

Station Location: MAYAGUEZ, PR

Frequency (kHz): 1260

Station Class: B

Antenna Coordinates:

Day

Latitude: N 18 Deg 11 Min 16 Sec

Longitude: W 67 Deg 06 Min 59 Sec

Night

Latitude: N 18 Deg 11 Min 16 Sec

Longitude: W 67 Deg 06 Min 59 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.64

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	47
2	None	47

Night:

Tower No.	ASRN	
1	None	47
2	None	47

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 300.1 Night: 240.1

Standard RMS (mV/m/km): Day: 315.3 Night: 252.3

Augmented RMS (mV/m/km):

Q Factor: Day: 10 Night: 10

## 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	69.2
2	0.8900	-99.900	69.6000	93.500	0	69.2

## \* 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	69.2
2	0.8900	-99.900	69.6000	93.500	0	69.2

## \* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

## Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

## Day:

Azimuth:	Radiation:
150	406.4 mV/m
273.5	52.2 mV/m

## Night:

Azimuth:	Radiation:
150	325.2 mV/m
273.5	42.3 mV/m

## Special operating conditions or restrictions:

- 1 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 2 A complete nondirectional proof of performance, in addition to a complete proof on the day directional antenna system, shall be submitted before program tests are authorized. The nondirectional and directional field strength measurements must be made under similar environmental conditions.
- 3 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 4 Permittee/Licensee shall satisfy all reasonable complaints of blanketing interference within the 1 V/M contour.
- 5 Operation with the facilities specified herein is subject to modification, suspension or termination without right to hearing, as may be necessary to carry out the applicable provisions of the ITU Radio Regulations, the Final Acts of the ITU Administrative Conference on Medium Frequency Broadcasting in Region 2 (Rio de Janeiro, 1981), or any bilateral or multilateral agreements(s) of the United States.
- 6 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.

## Special operating conditions or restrictions:

- 7 The authority to construct the facilities described herein is expressly subject to the outcome of any future rulemaking regarding synchronous AM facilities. As a result, this permit, as well as subsequent program operation, may be terminated or modified without notice or right to hearing.
- 8 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.
- 9 Once program test authorization has been granted, 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(WISO) and synchronous WI2XSO facility.
- 10 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.

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