



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

Authorizing Official:

Official Mailing Address:

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

Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 8889

Call Sign: WBQN

Permit File Number: BP-20021106AAQ

Grant Date: July 29, 2003

This permit expires 3:00 a.m.  
 local time, 36 months after the  
 grant date specified above.

Permit to correct coordinates, increase nighttime power, add one nighttime top-loaded tower, and change to DA nighttime.

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

Callsign: WBQN

Permit No.: BP-20021106AAQ

Name of Permittee: WIFREDO BLANCO-PI

Station Location: SAN JUAN, PR

Frequency (kHz): 680

Station Class: B

Antenna Coordinates:

Day

Latitude: N 18 Deg 24 Min 17 Sec

Longitude: W 65 Deg 56 Min 55 Sec

Night

Latitude: N 18 Deg 24 Min 17 Sec

Longitude: W 65 Deg 56 Min 55 Sec

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

Nominal Power (kW): Day: 10.0 Night: 10.0

Antenna Mode: Day: ND Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1013233	

Night:

Tower No.	ASRN	Overall Height (m)
1	1013233	
2	1238856	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 943.7  
 Standard RMS (mV/m/km): Night: 991.7  
 Augmented RMS (mV/m/km):  
 Q Factor: Night:

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	74.3
2	0.4690	164.200	50.0000	257.000	0	TL/S

\* Tower Reference Switch

0 = Spacing and orientation from reference tower  
 1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B	C	D
2	48.5	5.00	.00	.00

Non-Directional Antenna: Day

Radiator Height: 91.9 meters; 74.3 deg  
 Theoretical Efficiency: 295 mV/m/kw at 1km

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:

Night:

Azimuth:	Radiation:
185.5	759.5 mV/m
328.5	759.5 mV/m

Special operating conditions or restrictions:

- 1 A complete nondirectional proof of performance, in addition to a complete proof on the nighttime 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.

Special operating conditions or restrictions:

- 2 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.
  
- 3 Before program tests are authorized, permittee shall submit sufficient current distribution measurement data for tower #2 nighttime to establish clearly that the current distribution approximates that of an antenna with electrical height of 53.5 degrees as proposed.

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