FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
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JUN 27 2012

Wifredo G. Blanco Pi
134 Domenech Ave
San Juan, PR -00918-3502

In re: Wifredo Blanco Pi
WAPA(AM), San Juan, PR
Facility Identification Number: 8889
License application BL-20111017AWB
BMP-20111212AAG (Construction Permit)
Program Test Authority (PTA)

Dear Mr. Blanco Pi:

This is in reference to the above-captioned license application filed to cover Construction Permit BP-20090711ASD as modified by BMP-20111212AAG; our November 25, 2011, letter denying PTA; and the December 14, 2011, and March 21, 2012, amendments.

A preliminary review of the amended application indicates that all issues raises in our November 25, 2011, letter have been resolved. Accordingly, authority is granted WAPA(AM) to commence program tests in accordance with Section 73.1620 of the Commission's Rules, the attached PTA, and Construction Permit BMP-20111212AAG to operate on 680 kHz with a licensed daytime nominal power of 10 kW, a nighttime nominal power of 10 kW, a night input power of 10.53 kW, a daytime common point current of 19.2 amperes, and a night common point current of 14.51 amperes. Program tests must be conducted with the nighttime directional antenna system adjusted in accordance with the enclosed specifications. Please notify this office of any discrepancies found with the enclosed specifications.

Sincerely,

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Name of Licensee: WILFREDO BLANCO PI

Station Location: SAN JUAN, PR

Frequency (kHz): 680

Station Class: B

Antenna Coordinates:

		Day		
Latitude:	N	18 Deg	24 Min	16 Sec
Longitude:	W	65 Deg	56 Min	52 Sec

		Night		
Latitude:	N	18 Deg	24 Min	17 Sec
Longitude:	W	65 Deg	56 Min	50 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 Input Power (kW): Day: 10.0 Night: 10.5

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 19.2 Night: 14.51

Resistance (ohms): Day: 27.1 Night: 50

Non-Directional Antenna: Day
Radiator Height: 91 meters; 74.3 deg
Theoretical Efficiency: 295 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1271712	

Night:

Tower No.	ASRN	Overall Height (m)
1	1271712	
2	1272172	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 959.4

Standard RMS (mV/m/km): Night: 1007.9

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	2.4000	-150.000	90.0000	77.000	0	62.2

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-150	0.55

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 S/N 1672

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

1 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

Special operating conditions or restrictions:

2 This license 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 Ground system consists of an elevated counterpoise system of four elevated radials, evenly spaced about the base of each tower, 4.6 meters above ground, 122 meters in length, comprised of aluminum cables stranded with an inner galvanized iron wire.

4 Monitor Point Descriptions:

186.5° - From intersection of road 874 and 65th Infantry Avenue, proceed for 0.4 km over bridge over Rio Grande de Loiza, then immediately after bridge take marginal street for 0.2km to traffic light, then left at light at left again at next traffic light, and continue on marginal street until reaching Coliseo Roberto Clemente main parking lot entrance (statue of Clemente). Turn right into parking lot and proceed to point in lot.
2.95 km from site, max 224.0 mV/m nighttime.
Lat 18° 22′ 34.1″, Long 65° 57′ 0.1″

327.5° - From intersection of 615 Street and 237 Street, proceed south along 615 Street to front of houses 20 and 21, 2.20 km from site, max 238.1 mV/m nighttime.
Lat 18° 25′ 12.2″, Long 65° 57′ 30.5″

5 The licensee in coordination with other users of the site 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.

*** END OF AUTHORIZATION ***