



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

CATHOLIC COMMUNITY RADIO, INC.
5657 PARKHAVEN DRIVE
BATON ROUGE LA 70816

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: October 20, 2017

Facility Id: 74090

Call Sign: WQNO

This license expires 3:00 a.m.
local time, June 01, 2020.

License File Number: BMML-20170703AFC

This license covers permit no.: BP-20130930AWX

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in 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. 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.

Hours of Operation: Unlimited

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

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

Callsign: WQNO

License No.: BMML-20170703AFC

Name of Licensee: CATHOLIC COMMUNITY RADIO, INC.

Station Location: NEW ORLEANS, LA

Frequency (kHz): 690

Station Class: B

Antenna Coordinates:

Day

Latitude: N 29 Deg 57 Min 48 Sec

Longitude: W 89 Deg 57 Min 31 Sec

Night

Latitude: N 29 Deg 57 Min 48 Sec

Longitude: W 89 Deg 57 Min 31 Sec

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

Nominal Power (kW): Day: 9.1 Night: 2.1

Antenna Input Power (kW): Day: 9.1 Night: 2.27

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 21.9 Night: 6.73

Resistance (ohms): Day: 18.9 Night: 50

Non-Directional Antenna: Day

Radiator Height: 69.5 meters; 57.6 deg

Theoretical Efficiency: 284.84 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
2	1275695	

Night:

Tower No.	ASRN	Overall Height (m)
1	1292805	
2	1275695	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 385.44
 Standard RMS (mV/m/km): Night: 405
 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	57.6
2	0.9500	-7.000	208.0000	176.000	0	57.6

* 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	-7	0.953
2	0	1

Antenna Monitor: POTOMAC INSTRUMENTS AM 1901-2

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 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.
- Ground System Description:
 Ground system consists of 120 equally spaced buried copper radials about the base of each tower, 108 meters (354.3 feet) in length. No radials intersect.

Special operating conditions or restrictions:

- 3 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.
- 4 Grant of this license application is conditioned on the continuous operation of the licensed facility for the twelve-month period following grant. The failure of the facility to so operate will result in the rescission of this grant, dismissal of the license application and the forfeiture of the associated construction permit pursuant to 47 C.F.R. § 73.3598(e) unless the licensee rebuts the presumption that the authorized facilities were temporarily constructed.
- 5 The licensee shall perform the measurements described in Section 73.155 at least once within every 24 month period.
- 6 Explanation for tower numbering scheme for night directional operation: Tower #1 refers to the south tower and tower #2 refers to the north tower.

*** END OF AUTHORIZATION ***