



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

GLOBAL RADIO, L.L.C. (DELAWARE)  
SUITE 201  
2890 EMMA LEE STREET  
FALLS CHURCH VA 22042

Son Nguyen  
Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Facility Id: 1027

Grant Date: **MAR 14 2018**

Call Sign: WNWR

This license expires 3:00 a.m.  
local time, August 01, 2022.

License File Number: BMML-20171220ACU

License to cover construction permit BP-20161215ABM

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. 7:15 AM	5:00 PM	Jul. 4:45 AM	7:30 PM
Feb. 7:00 AM	5:30 PM	Aug. 5:15 AM	7:00 PM
Mar. 6:15 AM	6:00 PM	Sep. 5:45 AM	6:15 PM
Apr. 5:30 AM	6:45 PM	Oct. 6:15 AM	5:30 PM
May 4:45 AM	7:15 PM	Nov. 6:45 AM	4:45 PM
Jun. 4:30 AM	7:30 PM	Dec. 7:15 AM	4:30 PM

Callsign: WNMW

License No.: BMML-20171220ACTU

Name of Licensee: GLOBAL RADIO, L.L.C. (DELAWARE)

Station Location: PHILADELPHIA, PA

Frequency (kHz): 1540

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 02 Min 46 Sec  
Longitude: W 75 Deg 14 Min 09 Sec

Night

Latitude: N 40 Deg 02 Min 46 Sec  
Longitude: W 75 Deg 14 Min 09 Sec

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

Nominal Power (kW): Day: 50.0 Night: 0.25

Antenna Input Power (kW): Day: 52.65 Night: 0.27

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 32.45 Night: 1.964

Resistance (ohms): Day: 50 Night: 70

Antenna Registration Number(s):

Day:

Tower No.	ASRN
1	None 45.8
2	None 45.3
3	None 45.4

Night:

Tower No.	ASRN
1	None 45.8
2	None 45.3
3	None 45.4

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km) : Day: 2195.15

Night: 159.376

Standard RMS (mV/m/km) :

Night: 167.674

Augmented RMS (mV/m/km) : Day: 2425.06

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	TL/S
2	0.5120	-123.500	107.0000	129.800	0	TL/S
3	0.6510	143.500	74.5000	324.900	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
1	81.7	8.30	.00	.00
2	81.7	8.30	.00	.00
3	81.7	8.30	.00	.00

## Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	20.0	10.0	1013.89
2	25.0	10.0	1094.35
3	34.0	18.0	1190.91
4	47.0	26.0	1311.62
5	60.0	10.0	1472.55
6	87.5	13.0	3336.40
7	94.0	13.0	3726.44
8	112.0	36.0	4395.57
9	134.0	42.0	4633.67
10	155.0	30.0	4332.35
11	236.0	26.0	656.61
12	256.0	18.0	1255.29
13	265.0	18.0	1046.07
14	275.0	20.0	402.34
15	288.0	24.0	366.93
16	300.0	24.0	402.34

## Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
17	316.0	32.0	458.66

## 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	TL/S
2	0.8010	-106.100	107.0000	129.800	0	TL/S
3	0.3190	159.100	74.5000	324.900	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
1	81.7	8.30	.00	.00
2	81.7	8.30	.00	.00
3	81.7	8.30	.00	.00

## Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 0	1
2 -119.3	0.441
3 141.7	0.735

## Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 99.4	1.34
2 0	1
3 -106.1	0.44

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901-3

Sampling System Approved Under Section 73.68 of the Rules.



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 Ground system consists of 120 equally spaced buried copper radials, 48.8 meters in length except where truncated at property boundary or where shortened and bonded to transverse straps between adjacent towers, plus 120 interspersed radials 15.2 meters in length, about the base of each tower.
- 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.

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