



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

WAY BROADCASTING LICENSEE, LLC
 40 EXCHANGE PLACE
 SUITE 1010
 NEW YORK NY 10005

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 73306

Call Sign: WZHF

Grant Date: April 22, 2016

This license expires 3:00 a.m.
 local time, October 01, 2019.

License File Number: BMML-20151020AJS

This license covers Permit No.: BP-20131223AFI

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

Callsign: WZHF

License No.: BMML-20151020AJS

Name of Licensee: WAY BROADCASTING LICENSEE, LLC

Station Location: CAPITOL HEIGHTS, MD

Frequency (kHz): 1390

Station Class: B

Antenna Coordinates:

Day

Latitude: N 38 Deg 52 Min 09 Sec

Longitude: W 76 Deg 53 Min 47 Sec

Night

Latitude: N 38 Deg 52 Min 09 Sec

Longitude: W 76 Deg 53 Min 47 Sec

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

Nominal Power (kW): Day: 9.0 Night: 1.0

Antenna Input Power (kW): Day: 9.5 Night: 1.1

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 13.77 Night: 4.65

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	48.46
2	None	48.46
3	None	48.46
4	None	48.46

Night:

Tower No.	ASRN	
1	None	48.46
2	None	48.46
3	None	48.46
4	None	48.46

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 908.625 Night: 304.803

Standard RMS (mV/m/km): Day: 954.576 Night: 320.237

Augmented RMS (mV/m/km):

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	79.2
2	0.4200	-25.000	131.8200	10.200	0	79.2
3	1.2170	94.400	122.6400	45.000	0	79.2
4	0.1300	-78.500	243.1300	27.000	0	79.2

* 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	0.3030	110.100	0.0000	0.000	0	79.2
2	1.1350	148.700	131.8200	10.200	0	79.2
3	1.0000	0.000	122.6400	45.000	0	79.2
4	0.2730	45.800	243.1300	27.000	0	79.2

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-23.8	0.385
3	87.7	1.188
4	-77.4	0.115

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	107.6	0.396
2	143.6	1.37
3	0	1

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
4 48.7	0.364

Antenna Monitor: POTOMAC INSTRUMENTS MODEL 1901-4

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The ground system consists of 120 equally spaced buried copper radials around the base of each tower, each 67.1 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers. An additional 120 radials, each 15.2 meters in length, are interspersed between the larger radials.
- 2 The licensee shall perform the measurements described in 73.155 at least once within each 24-month period.

*** END OF AUTHORIZATION ***