



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

 IHM LICENSES, LLC
 7136 S. YALE AVENUE
 SUITE 501
 TULSA OK 74136

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 7710

Call Sign: WOR

License File Number: BZ-20220906AAD

Grant Date: February 22, 2023

This license expires 3:00 a.m.
 local time, June 01, 2030.

WXBK(FM), channel 234B, Newark, NJ, mounted its directional antenna onto WOR(AM) tower number 3.

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

Name of Licensee: IHM LICENSES, LLC

Station Location: NEW YORK, NY

Frequency (kHz): 710

Station Class: A

Antenna Coordinates:

Day

Latitude: N 40 Deg 47 Min 50 Sec

Longitude: W 74 Deg 05 Min 24 Sec

Night

Latitude: N 40 Deg 47 Min 50 Sec

Longitude: W 74 Deg 05 Min 24 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: 50.0

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

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 32.45 Night: 32.45

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1237848	
2	1237849	
3	1237850	

Night:

Tower No.	ASRN	Overall Height (m)
1	1237848	
2	1237849	
3	1237850	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2613 Night: 2613

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 2760 Night: 2760

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	171.0
2	0.7600	54.900	188.2000	207.900	0	171.0
3	1.2980	143.600	85.0000	253.400	0	171.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	40.0	20.0	2402.00
2	176.5	20.0	2017.00
3	289.0	20.0	918.20
4	344.0	20.0	544.20

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	171.0
2	0.7600	54.900	188.2000	207.900	0	171.0
3	1.2980	143.600	85.0000	253.400	0	171.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	40.0	20.0	2402.00
2	176.5	20.0	2017.00
3	289.0	20.0	918.20

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
4	344.0	20.0	544.20

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	50.4	0.815
3	159.9	1.044

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	50.4	0.815
3	159.9	1.044

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901-3

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
176.5	8.82	265.2
289	4.92	187.2
344	5.5	155.3

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
176.5	8.82	265.2
289	4.92	187.2
344	5.5	155.3

Special operating conditions or restrictions:

- 1 Waiver of Section 73.1560(a) is granted to permit the licensee to operate with modulation-dependent carrier level control, which reduces transmitter power at certain modulation levels.

Special operating conditions or restrictions:

- 2 176.5° - the measurement point is located on the east corner of the intersection of West Side Avenue and Clendenny Avenue atop DOT access plate, #532 West Side Avenue, Jersey City new Jersey.
Point Number: 7
Dist. From transmitter site: 8.82 km
Daytime measured field strength: 265.2 mV/m

- 3 289° The measurement point is located on the corner of the sidewalk and the driveway for the materials storage yard, opposite #180 Washington Avenue, Nutley, New Jersey (Viola Bros building Materials).
Point Number: 4
Dist. From transmitter site: 4.92 km
Daytime measured field strength: 187.2 mV/m

- 4 344° - Point located on sidewalk in front of house (40 Mount Pleasant Avenue), 5.50 km from site, max 155.3 mV/m unlimited.

*** END OF AUTHORIZATION ***