



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

Authorizing Official:

Official Mailing Address:

TOWNSQUARE MEDIA MONMOUTH-OCEAN LICENSE, LLC  
1 MANHATTANVILLE ROAD  
SUITE 202  
PURCHASE NY 10577

Son Nguyen  
Supervisory Engineer  
Audio Division  
Media Bureau

Facility Id: 49295

Call Sign: WOBN

License File Number: BZ-20200626AAQ

Grant Date: September 29, 2020

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

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.	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

Callsign: WOBM

License No.: BZ-20200626AAQ

Name of Licensee: TOWNSQUARE MEDIA MONMOUTH-OCEAN LICENSE, LLC

Station Location: LAKEWOOD TOWNSHIP, NJ

Frequency (kHz): 1160

Station Class: B

Antenna Coordinates:

Day

Latitude: N 40 Deg 08 Min 09 Sec

Longitude: W 74 Deg 13 Min 48 Sec

Night

Latitude: N 40 Deg 08 Min 09 Sec

Longitude: W 74 Deg 13 Min 48 Sec

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

Nominal Power (kW): Day: 5.0 Night: 8.9

Antenna Input Power (kW): Day: 5.4 Night: 9.3

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 50 Night: 13.67

Resistance (ohms): Day: 10.39 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1256033	
2	1256036	
3	1047629	
4	1256038	

Night:

Tower No.	ASRN	Overall Height (m)
1	1256033	
2	1256036	
3	1047629	
4	1256038	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 737.42 Night: 1079.17

Standard RMS (mV/m/km): Day: 774.65 Night: 1134.43

Augmented RMS (mV/m/km):

Q Factor: Day: 22.361 Night: 51.77

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	0.4890	102.580	107.7800	341.100	0	103.9
2	1.0000	0.000	0.0000	0.000	0	103.9
3	0.4610	-132.670	96.1620	169.801	0	103.9
4	0.2540	33.770	203.3230	165.231	0	103.9

\* 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	0.6040	147.861	107.7800	341.100	0	103.9
2	1.0000	0.000	0.0000	0.000	0	103.9
3	0.9140	-170.186	96.1620	169.801	0	103.9
4	0.4190	50.470	203.3230	165.231	0	103.9

\* 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	-42.6	0.272
2	127.2	0.478
3	0	1
4	-93	0.432

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	134.2	0.613
2	0	1
3	-174.5	0.99

Night Directional Operation:

Twr. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
4 33.9	0.588

Antenna Monitor: POTOMAC INSTRUMENTS AM19D (210)

Monitoring Points:

Day Operation:

Radial	Distance From Transmitter	Maximum Field Strength
(Deg. T)	(kM)	(mV/m)
28.5	4.02	2.44
330	4.75	1.69

Night Operation:

Radial	Distance From Transmitter	Maximum Field Strength
(Deg. T)	(kM)	(mV/m)
35	2.57	35.62
106	6.08	3.76
228.5	5.02	4.2
275	6.76	3.5
307	4.06	22.72

Special operating conditions or restrictions:

- 1 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
  
- 2 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.
  
- 3 Ground system consists of 120 buried copper wire radials 64.0 meters long except where foreshortened and bonded between towers plus a 14.63 meters square copper mesh ground screen at base of tower. Also extra radials 19.5 meters in length are installed around tower #4.

## Special operating conditions or restrictions:

## 4 Location of Monitor Points:

Direction of 28.5° true North. Depart transmitter building and turn left (east) for 0.2 mile to Kent Road, turn right (south) 0.3 mile to Lanes Mill Road and turn left (east) 0.25 mile to Route 9. Turn left (north) on Route 9 and proceed 1.97 miles to Aldrich Road. Turn right (east) on Aldrich Road and go 1.5 miles passing over I-195 Interstate. The point is located on the east side of the overpass on the northeast curb across from mailbox #205. This is point number 12 and is 4.02 km (2.5 miles) from the transmitter. Daytime.

5 Direction of 330° true North. Depart transmitter building and turn left (east) for 0.2 mile to Kent Road, turn right (south) 0.3 mile to Lanes Mill Road and turn left (east) 0.25 mile to Route 9. Turn left (north) on Route 9 and proceed 2.87 miles to Georgia Tavern Road (also known as Hulses Corner Road west of Route 9). Use the Jug Handle to go left (west). After turning on Hulses Corner Road proceed 1.24 miles to Fort Plains Road. Turn right (north) on Fort Plains Road and proceed 1.05 miles to the point. The point is located on the west side of the road, in front of house #690 and across from utility pole JC4761HL. This is point number 5 and is 4.75 km (2.95 miles) from the transmitter. Daytime.

6 Direction of 35° true North. Depart transmitter building and turn left (east) for 0.2 mile to Kent Road, turn right (south) 0.3 mile to Lanes Mill Road and turn left (east) 0.25 mile to Route 9. Turn left (north) on Route 9 and proceed 1.97 miles to Aldrich Road. Turn right (east) and proceed 0.7 mile to Salem Hill Road. Turn right (south) on Salem Hill Road and go 0.4 mile to Newbury Road. Turn left (south-east) on Newbury Road and proceed 0.2 mile past the school to the point, which is located on the South side of the road. The point is approximately ten feet from the east end of a chain link fence, in front of the first wood post to the east of the "No Lettering" sign. This is point number 8 and is located 2.57 km (1.6 miles) from the transmitter. Nighttime.

7 Direction of 106° true North. Depart transmitter building and turn left (east) for 0.2 mile to Kent Road, turn right (south) 0.3 mile to Lanes Mill Road and turn left (east) 0.25 mile to Route 9, continuing across Route 9 on Lanes Mill Road for 1.4 miles to the dead end. Turn right (south) on Lanes Pond Road and proceed 0.2 mile to the intersection with Miller Road. Bear left (southeast) onto Miller Road and continue for 0.4 mile to Lakewood-Farmingdale Road, Route 547. Turn right (south) and go 0.2 mile to Randolph Road, turn left (east) and go 0.8 mile to Oak Glen Road, turn right (southeast) and go 500 feet to stop sign. Turn left (northeast) onto Lakewood-Allenwood Road and proceed 1 mile to the monitor point. The farm is called Big Sky Horse Farm, and the point is located on the south side of the road at a point where the front fence and the tree line to the southeast meet. This is point number 9 and is located 6.08 km (3.78 miles) from the transmitter. Nighttime.

8 Direction of 228.5° true North. Depart transmitter building and turn right proceeding 0.1 mile to Clayton Road to Tioga Drive. Turn left (south) onto Tioga Drive and proceed 0.2 mile to Church Road. Turn right (west) onto Church Road and continue for 1.7 miles where, after crossing County Line Road, the road will now be called Brewers Bridge Road. Continue for 1.4 miles, passing Bridge Court on the right. The point is located about 300 feet south of Bridge Court, on the east side of Brewers Bridge Road across from mailbox #376. This is point number 6 and is located 5.02 km (3.12 miles) from the transmitter. Nighttime.

## Special operating conditions or restrictions:

- 9 Direction of 275° true North. Depart transmitter building and turn left (east) for 0.2 mile to Kent Road, turn right (south) 0.3 mile to Lanes Mill Road and turn left (east) 0.25 mile to Route 9. Turn left (north) on Route 9 and proceed 1.97 miles to Aldrich Road. Using the jug handle, go left (west) on Aldrich Road and continue for 2.15 miles where, after crossing New Prospect Road, the road will now be called Bennetts Mills Road. Continue for 1.04 miles, then make a right (west) on County Line Road, Route 526. Go 1.95 miles turn left (south) onto Huntington Drive and proceed about 0.15 mile to the second opening in the center median. The point is marked with a stake approximately 60 feet west of the curb, through the trees on the east side of a former dirt lane. The point is number 10 and is located 6.76 km (4.20 miles) from the transmitter. Nighttime.
- 10 Direction of 307° true North. Depart transmitter building and turn left (east) for 0.2 mile to Kent Road, turn right (south) 0.3 mile to Lanes Mill Road and turn left (east) 0.25 mile to Route 9. Turn left (north) on Route 9 and proceed 1.97 mile to Aldrich Road. Using jug handle to make left turn (west) on Aldrich Road, go 2.15 mile to the intersection with New Prospect Road. Turn right on North New Prospect road (north) and proceed 1.5 mile, crossing over I-195 interstate to the point. The monitor point is located on the east side of the road near the curb 0.1 mile beyond the overpass, across from a "Bridge Freezes Before Road Surface" sign. This is point number 5 and is located 4.06 km (2.52 miles) from the transmitter. Nighttime.

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