



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

Authorizing Official:

Official Mailing Address:

AUDACY LICENSE, LLC  
2400 MARKET STREET  
4TH FLOOR  
PHILADELPHIA PA 19103

Susan N. Crawford  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 1912

Call Sign: WEEI

Grant Date: March 15, 2011

This license expires 3:00 a.m.  
local time, April 01, 2006.

License File Number: BL-20100429AEH

This license re-issued October 11, 2012, by SNC to add a Special Operating Condition authorizing the use of modulation dependent carrier level (MDCL) control technology.

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

Name of Licensee: AUDACY LICENSE, LLC

Station Location: BOSTON, MA

Frequency (kHz): 850

Station Class: B

Antenna Coordinates:

Day

Latitude: N 42 Deg 16 Min 41 Sec

Longitude: W 71 Deg 16 Min 02 Sec

Night

Latitude: N 42 Deg 16 Min 41 Sec

Longitude: W 71 Deg 16 Min 02 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	1007356	
2	1007355	
3	1007354	

Night:

Tower No.	ASRN	Overall Height (m)
1	1007356	
2	1007355	
3	1007354	

## DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2735.88 Night: 2623.23

Standard RMS (mV/m/km): Day: 2873.633

Augmented RMS (mV/m/km): Night: 2757.714

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	1.2700	88.900	0.0000	0.000	0	207.0
2	1.9500	0.000	120.0000	80.000	0	207.0
3	1.0000	-41.100	240.0000	80.000	0	207.0

## \* 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	1.0000	75.000	0.0000	0.000	0	207.0
2	1.9700	0.000	120.0000	80.000	0	207.0
3	1.0000	-75.000	240.0000	80.000	0	207.0

## \* 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	191.7	10.0	1078.26
2	219.2	10.0	289.68
3	229.6	20.8	136.79
4	240.0	20.0	325.00
5	260.0	40.0	292.00
6	280.0	20.0	290.00
7	290.0	18.0	128.75
8	299.0	10.0	241.40

## Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	89.3	0.704

Day Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
2 0	1
3 -51.9	0.477

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
1 82.3	0.55
2 0	1
3 -75.5	0.481

Antenna Monitor: POTOMAC INSTRUMENTS AM-19D (204)

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)
191.7	3.79	189.8
260	4.19	111.2
280	4	125

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
191.7	3.79	169
219.2	4.61	31
240	3.79	24.8
260	4.19	44.3
280	4	38.1

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.

## Special operating conditions or restrictions:

## 2 Location of Monitor Points:

Direction of 191.7° true North. From the WEEI transmitter building, proceed to the end of the driveway. From there, turn right (southwest) on Central Avenue and proceed 2.3 miles to the further south entrance to a cemetery in Dover. Note that Central Avenue becomes Centre Street in Dover. Turn left into the cemetery and proceed on the same cemetery road (the more southern one) to the sixth intersection with a cross road. The monitor point is in this intersection; the monument just beyond the intersection is Hoffman. Located at 42°14'40.5"N/71°16'32.7"W(NAD83).

Direction of 219.2° true North. From the 191.7° monitor point, leave the cemetery, turn left on Centre Street, then immediately right (west) on Springdale Avenue. Proceed 1 mile to the intersection with Main Street. Continue straight ahead on Pegan Lane .21 miles. The monitoring point is on the east edge of driveway on the right (north) side of Pegan Lane. Located at 42°14'45.8"N/71°18'8.1"W(NAD83).

Direction of 240° true North. From the 219.2° monitor point, proceed north on Pegan Lane for approximately 1.1 miles to intersection of Pleasant Street. Bear left onto Pleasant Street and proceed approximately 100 yards and stop at #117 Pleasant Street. The monitor point is on opposite side of road from driveway of #117, 10 yards south at the end of the rock wall. Located at 42°15'38.9"N/71°18'22.6"W(NAD83).

Direction of 260° true North. From the 240° monitor point continue north on Pleasant Street for approximately .8 miles to intersection with Eliot Street. Turn left (southwest) on Eliot Street and proceed .1 miles to 68 Eliot Street. Point is located 10 feet north of the northeast corner of the house at 68 Eliot Street at the entrance to the stairway to the river. Located at 42°16'16.6"N/71°18'59.7"W(NAD83).

Direction of 280° true North. From the 260° monitor point, follow Eliot Street northeast. Proceed .75 miles to Pond Road, and turn left (northwest). Proceed for .46 miles on Pond Road. The monitor point is on the left (southwest) side of Pond Road, in the driveway of the Hunnewell Estate, approximately 30' outside of the gate. Located at 42°17'2.8"N/71°18'51.9"W(NAD83)

## 3 Ground System:

Ground system consists of 180 copper wire radials equally spaced about the base of each tower and extending 182.9 meters or to point of overlap. These radials are elevated 2.29 meters above the ground for the first 9.76 meters and extend along the surface of the ground beyond 9.76 meters.

## 4 This license is effective pursuant to 47 U.S.C. Section 307(c)(3).

Special operating conditions or restrictions:

- 5 Waiver of 47 CFR Section 73.1560(a) is granted to permit the licensee to operate with modulation dependent carrier level (MDCL) control technology, which reduces transmitter power at certain modulation levels.

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