



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Official Mailing Address:

NEW ENGLAND COMMUNICATIONS, INC.

P.O. BOX 444

SPARTANBURG SC 29304

Grant Date: February 18, 2022

This license expires 3:00 a.m.
local time, April 01, 2028.

Facility Id: 8999

Call Sign: WBXR

License File Number: BMML-20210513AAR

This license modifies license no.: BL-20161122AFB

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

Callsign: WBXR

License No.: BMML-20210513AAR

Name of Licensee: NEW ENGLAND COMMUNICATIONS, INC.

Station Location: HAZEL GREEN, AL

Frequency (kHz): 1140

Station Class: D

Antenna Coordinates:

Day

Latitude: N 34 Deg 57 Min 11 Sec

Longitude: W 86 Deg 38 Min 42 Sec

Critical

Latitude: N 34 Deg 57 Min 11 Sec

Longitude: W 86 Deg 38 Min 42 Sec

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

Nominal Power (kW): Day: 15.0 Critical: 7.5

Antenna Input Power (kW): Day: 15.8 Critical: 7.9

Antenna Mode: Day: DA Critical: DA

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

Current (amperes): Day: 17.75 Critical: 12.55

Resistance (ohms): Day: 50 Critical: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1035775	
2	1035776	

Critical:

Tower No.	ASRN	Overall Height (m)
1	1035775	
2	1035776	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1243.1 Critical: 879.01
 Standard RMS (mV/m/km): Day: 1305.93 Critical: 923.43
 Augmented RMS (mV/m/km):
 Q Factor: Day: Critical:

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	81.8
2	0.7500	-150.000	90.0000	170.000	0	81.8

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

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* Tower Reference Switch

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Day Directional Operation:

Twr. Phase No.	Antenna Monitor Sample Current Ratio
1 0	1
2 -149.7	0.73

Critical Directional Operation:

Twr. Phase No.	Antenna Monitor Sample Current Ratio
1 0	1
2 -149.7	0.73

Antenna Monitor: POTOMAC INSTRUMENTS AM-19 (204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 The ground system for each tower consists of 120 buried copper radials, 65.7 meters in length, except where they intersect with copper transverse straps between towers or property boundaries. Copper strap connects all towers to the main transmitter grounding point.

- 2 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.

*** END OF AUTHORIZATION ***