



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

Authorizing Official:

Official Mailing Address:

NEW HAMPSHIRE PUBLIC RADIO, INCORPORATED  
2 PILLSBURY STREET  
SUITE 600  
CONCORD NH 03301

Rodolfo F. Bonacci  
Assistant Chief  
Audio Division  
Media Bureau

Facility Id: 172814

Call Sign: WCNH

License File Number: BLED-20110901ACR

Grant Date: September 09, 2011

This license expires 3:00 a.m.  
local time, April 01, 2014.

This license covers permit no.: BNPED-20071018AAR,  
as modified by permit no.: BMPED-20100916ABJ

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.

Name of Licensee: NEW HAMPSHIRE PUBLIC RADIO, INCORPORATED

Station Location: NH-BOW

Frequency (MHz): 91.5

Channel: 218

Class: A

Hours of Operation: Unlimited

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

Transmitter output power: .068 kW

Antenna type: Directional

Description: SCA CA2, two sections

Antenna Coordinates: North Latitude: 43 deg 07 min 05 sec  
 West Longitude: 71 deg 32 min 57 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	.190	.120
Height of radiation center above ground (Meters):	16	16
Height of radiation center above mean sea level (Meters):	288	288
Height of radiation center above average terrain (Meters):	144	144

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 19 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 The permittee/licensee in coordination with other users of the site 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 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit BMPED-20100916ABJ.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

0.190 kilowatts.

Principal minima and their associated field strength limits:

87 - 227 degrees True: 0.006 kilowatts

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