



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

Authorizing Official:

Official Mailing Address:

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BLUE RIDGE RADIO, INC.  
ATTN: DEBORAH STRINGER  
104 PINE CONE POINTE  
GALAX VA 24333

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Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

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Facility Id: 5986

Call Sign: WBRF

License File Number: BLH-19910423KA

Grant Date:

This license expires 3:00 a.m.  
local time, October 01, 1995.

This license covers Permit No.: BPH-870102IA  
as modified by Permit No.: BMPH-891031IA

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.

Callsign: WBRF

License No.: BLH-19910423KA

Name of Licensee: BLUE RIDGE RADIO, INC.

Station Location: VA-GALAX

Frequency (MHz): 98.1

Channel: 251

Class: C

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Directional

Description: ODD ODD891031IA

Antenna Coordinates: North Latitude:	36 deg	33 min	34 sec
West Longitude:	80 deg	49 min	25 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	96
Height of radiation center above ground (Meters):	63	63
Height of radiation center above mean sea level (Meters):	1149	1149
Height of radiation center above average terrain (Meters):	535	535

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 75 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 ANTENNA DESCRIPTION-Shively 6810-7R-DA 7 section directional antenna, horizontally and vertically polarized, side-mounted on a guyed steel tower.

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DIRECTIONAL ANTENNA CONDITIONS

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The relative field strength of neither the measured vertically nor horizontally polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit No. BMPH-891031IA.

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

100 kilowatts

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Principal minima and their associated field strength limits:

179 degrees True: 10.0 kilowatts

133 degrees True: 26.5 kilowatts

138 degrees True: 23.0 kilowatts

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