



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RED WOLF BROADCASTING CORPORATION
 758 COLONEL LEDYARD HIGHWAY
 PO BOX 357
 LEDYARD CT 06339

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 60390

Call Sign: WSPR

License File Number: BXL-20120117ALA

Grant Date: May 25, 2012

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

This license covers permit no.: BMXP-20110525AAZ

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

Name of Licensee: RED WOLF BROADCASTING CORPORATION

Station Location: WEST SPRINGFIELD, MA

Frequency (kHz): 1490

Station Class: C

Antenna Coordinates:

Day

Latitude: N 42 Deg 06 Min 06 Sec

Longitude: W 72 Deg 37 Min 23 Sec

Night

Latitude: N 42 Deg 06 Min 06 Sec

Longitude: W 72 Deg 37 Min 23 Sec

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

Nominal Power (kW): Day: 1.0 Night: 0.83

Antenna Input Power (kW): Day: 1.0 Night: 0.83

Antenna Mode: Day: ND Night: ND

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

Current (amperes): Day: 3.82 Night: 3.48

Resistance (ohms): Day: 68.5 Night: 68.5

Non-Directional Antenna: Day

Radiator Height: 45.7 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B
1	81.8	16.40

Theoretical Efficiency: 276.52 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 45.7 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	A	B
1	81.8	16.40

Theoretical Efficiency: 276.52 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	46.6

Night:

Tower No.	ASRN	
1	None	46.6

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.
- 2 Permittee/Licensee shall accept such interference as may be imposed by other existing 250 watt Class C stations in the event that they are subsequently authorized to increase power to 1000 watts.
- 3 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.
- 4 Ground system consists of 120 equally spaced, buried, copper radials about the base of the tower, each 38.1 meters in length (average 27.2 meters) except where terminated by property boundaries.

*** END OF AUTHORIZATION ***