FEDERAL COMMUNICATIONS COMMISSION
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APR 24 2015

John Joseph McVeigh, Esq.
16230 Falls Road, P.O. Box 128
Butler, Maryland 21023-0128

In re: Steven J. Callahan
WVBF(AM), Middleborough, Massachusetts
Facility Identification Number: 63403
BP-20131127ARW (Construction Permit)
BL-20150403ABX (License Application)

Dear Mr. McVeigh:

This is in reference to the above captioned license application and the request for program test authority for station WVBF(AM).

Authority is granted WVBF(AM) to conduct daytime and nighttime limited program tests in accordance with Construction Permit BP-20131127ARW and Section 73.1620 of the Commission's rules on 1530 kHz with a daytime nominal power of 5.0 kilowatts and a nighttime nominal power of 0.004 kilowatts. Program tests are authorized with daytime antenna input power of 5.4 kilowatts and a nighttime antenna input power of 0.0042 kilowatts (daytime common point input current of 10.39 amperes and nighttime common point current of 0.29 ampere). This authority expires on **July 24, 2015.**

Sincerely,

Son Nguyen,
Supervisory Engineer
Audio Division
Media Bureau

cc: Charles A. Hecht

Program Test Authority

Name of Licensee: STEVEN J. CALLAHAN

Station Location: MIDDLEBOROUGH CENTE, MA

Frequency (kHz): 1530

Station Class: D

Antenna Coordinates:

	Day					
Latitude:	N	41	Deg	52	Min	56 Sec
Longitude:	W	71	Deg	03	Min	50 Sec
	Night					
Latitude:	N	41	Deg	52	Min	56 Sec
Longitude:	W	71	Deg	03	Min	50 Sec

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

Nominal Power (kW): Day: 5.0 Night: 0.004

Antenna Input Power (kW): Day: 5.4 Night: 0.004

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 10.39 Night: 0.29

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1249734	
2	1291142	

Night:

Tower No.	ASRN	Overall Height (m)
1	1249734	
2	1291142	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 714.3 Night: 20.2

Standard RMS (mV/m/km): Day: 750.4 Night: 23.67

Augmented RMS (mV/m/km):

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	1.0000	0.000	0.0000	0.000	0	103.6
2	0.7650	-114.000	70.0000	45.000	0	103.6

* 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	0.000	0.0000	0.000	0	103.6
2	0.7650	-114.000	70.0000	45.000	0	103.6

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-111.1	0.751

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-111.1	0.751

Antenna Monitor: GORMAN REDLICK MODEL CMR

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)
205.5	4.16	7.83
244.5	2.96	20.59

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.

2 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.

3 The ground system consistsof 120 buried copper radials, 160 feet in length except where constrained by property limitations, spaced at three degree intervals and
buried 2-4 inches below grade. Four inch transverse copper strap will be installed to bond
intersecting systems and to interconnect the towers and transmitter. In addition, 50 foot copper
radials will be interspersed between the main radial system around the base of the tower. All
connections will be brazed or silver soldered.

4 Location of Monitor Points:
Direction of 205.5° true North. The point is located in the Berkley Common Cemetery on North Main Street in Berkley, Massachusetts. Enter at the southern entrance and walk approximately 20 paces to a head stone marked Le Cornec on the left. The measurement is taken in front of the headstone near the gravel access driveway. This location is point number 9 of the proof.
Direction of 244.5° true North. The point is located at the end of Bonnie Drive in Berkley, Massachusetts. The measurement is taken in the center of the cul de sac, on the edge of an island with a tree and rock opposite 6 Bonnie Drive. This location is point number 7 of the proof.

*** END OF AUTHORIZATION ***