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April 24, 2019

Accepted / Filed

APR 24 2019

Federal Communications Commission

Office of the Secretary

Marlene H. Dortch, Esquire

Secretary

Federal Communications Commission

445 12th Street, S.W.

Room TW-A325

Washington, D.C. 20554

Re:

Station WPVQ(AM), Orange-Athol, MA

Facility I.D. No. 51118

FCC Form 302-FM License Application

For Correction of Coordinates

Dear Ms. Dortch:

Transmitted herewith, in triplicate, on behalf of Saga Communications of New England, LLC, licensee of Radio Station WPVQ(AM), Orange-Athol, MA (Facility I.D. No. 51118), is BP-20190204AAN FCC Form 302-AM Application for License to Cover BP-20180316AAL

There is no filing fee required in connection with this license application, as it is for correction of coordinates, only.

If any question arises in connection with this submission, please contact undersigned counsel.

Gary S. Smithwick

Saga Communications of New England, LLC

GSS/sls Enclosure

000 9269424

Federal Communications Commission Washington, D. C. 20554

Approved by OMB 3060-0627 Expires 01/31/98

FOR FCC USE ONLY	APR 2.4 2019
	Federal Communications Commission Office of the Secretary

FCC 302-AM APPLICATION FOR AM BROADCAST STATION LICENSE

BROADCAST STATION LICENSE (Please read instructions before filling out form.	FILE NO.		124 ABL		
SECTION I - APPLICANT FEE INFORMATION					
PAYOR NAME (Last, First, Middle Initial)					
Saga Communications of New England, LLC					
MAILING ADDRESS (Line 1) (Maximum 35 characters) 73 Kercheval Avenue					
MAILING ADDRESS (Line 2) (Maximum 35 characters)					
CITY Grosse Pointe Farms	STATE OR COUNTRY (if for MI	reign address)	ZIP CODE 48236		
TELEPHONE NUMBER (include area code) 313-886-7070	CALL LETTERS WPVQ(AM)	OTHER FCC IDEN	NTIFIER (If applicable)		
2. A. Is a fee submitted with this application? B. If No, indicate reason for fee exemption (see 47 C.F.R. Section Governmental Entity Noncommercial educational licensee ✓ Other (Please explain): C. If Yes, provide the following information: Correction of Coordinates					
Enter in Column (A) the correct Fee Type Code for the service you Fee Filing Guide." Column (B) lists the Fee Multiple applicable for the (A) (B) FEE TYPE CODE 0 0 0 1		nt due in Column (C			
To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.					
(A) 0 0 0 1	(C)		FOR FCC USE ONLY		
ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.	TOTAL AMOUNT REMITTED WITH TH APPLICATION	IIS	FOR FCC USE ONLY		

SECTION II - APPLICANT INFORMATION						
NAME OF APPLICANT Saga Communications of New England, LLC						
MAILING ADDRESS 73 Kercheval Avenue						
CITY Grosse Pointe Farm	ns		STATE MI		ZIP CODE 48236	
2. This application is for:	Commercial AM Direct	[tional	Noncomm	nercial lon-Directional		
Call letters	Community of License	Construct	ion Permit File No.	Modification of Construction	Expiration Date of Last Construction Permit	
WPVQ(AM)	Orange-Athol, MA	BP-201	190204AAN	Permit File No(s).	4/23/2022	
Is the station no accordance with 47 C.F. If No, explain in an Exhi		to auto	matic program	test authority in	✓ Yes No Exhibit No.	
4. Have all the term construction permit bee	s, conditions, and obligant fully met?	ations s	et forth in the	above described	Yes No Exhibit No.	
If No, state exceptions i	n an Exhibit.					
5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?						
If Yes, explain in an Exhibit.						
6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership						
certification in accordance with 47 C.F.R. Section 73.3615(b)? Does not apply						
If No, explain in an Exhibit.						
7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?						
If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.						

8. Does the applicant, or any party to the application, have a the expanded band (1605-1705 kHz) or a permit or license el expanded band that is held in combination (pursuant to the 5 y with the AM facility proposed to be modified herein?	ither in the existing band	or
If Yes, provide particulars as an Exhibit.		Exhibit No.
The APPLICANT hereby waives any claim to the use of any pagainst the regulatory power of the United States because requests and authorization in accordance with this application, amended).		
The APPLICANT acknowledges that all the statements made material representations and that all the exhibits are a material	e in this application and part hereof and are incor	attached exhibits are considered porated herein as set out in full in
CERTIFIC	ATION	
1. By checking Yes, the applicant certifies, that, in the case of or she is not subject to a denial of federal benefits that include to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S case of a non-individual applicant (e.g., corporation, partnersh association), no party to the application is subject to a deni includes FCC benefits pursuant to that section. For the defin purposes, see 47 C.F.R. Section 1.2002(b).	des FCC benefits pursuar C. Section 862, or, in the property of the property interpretable the	nt e d
I certify that the statements in this application are true, com and are made in good faith.	plete, and correct to the I	pest of my knowledge and belief,
Name	Signature	
Dan Guin	Jun of	m
Title Vice President	Date	Telephone Number
WILLER SALSE STATEMENTS ON THE	4/24/2019	413-774-4301

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of burden, can be sent to the Federal Communications Commission. Records Management Branch, Paperwork Reduction Project (3060-0627).

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

FCC 302-AM (Page 3) August 1995

SECTION III - LI		TON LINGS	CLINIC DATA					
Name of Applicar		of Nov. Coal	and 110					
Saga Communications of New England, LLC								
PURPOSE OF A	UTHORIZATIO	NAPPLIED FOR:	(check one)					
V 8	Station License		Direct Meas	urement of Powe	er			
1. Facilities author	orized in constr	uction permit						
Call Sign		nstruction Permit		Hours of Opera	ation		kilowatts	
WPVQ(AM)	(if applicable) BP-2019	0204AAN	(kHz) 700 kHz	Daytime	Only	Night N/A	Day 2.5 kW	
2. Station location	n			T				
State				City or Town				
Massachus	setts			Orange-At	thol			
3. Transmitter lo	cation					(Otropo de de de de		
State	County			City or Town		Street address (or other identific	ation)	
Massachusetts	Franklin			Orange		660 East Mai		
4. Main studio lo	cation					<u> </u>		
State	County			City or Town		Street address (or other identification)		
Massachusetts	Franklin			Greenfield		81 Woodard	-	
5 Pamota contra	ol point location	(specify only if a	thorized direction	al antenna)		011100000		
State	County	(Specify offig if at	anonzea anechor	City or Town		Street address		
State				(or other identification)			ation)	
6. Has type-approved stereo generating equipment been installed?								
6. Has type-appi	roved stereo ge	nerating equipme	nt been installed?			·	-	
7. Does the sam	pling system m	eet the requireme	nts of 47 C.F.R. S	ection 73.68?		□ Y	es No	
							Not Applicable	
Attach as an E	chibit a detailed	description of the	sampling system	as installed.		Exh	ibit No.	
, titadir ad ari E	andica dotano	adddinpalon or are	oampining oyotom	ao motamba.				
0.0	-11							
8. Operating cor		rrent (in amperes) without	RF common p	oint or antenna	current (in amper	es) without	
modulation for Ni		, ,	,	modulation for	day system	` '	,	
		N/A				.57 amperes		
Measured antenr operating frequer		ooint resistance (ir	n ohms) at	Measured ante		n point reactance	(in ohms) at	
Night		Day		Night Day				
	N/A	58.0	ohms		N/A	85.	7 ohms	
Antenna indications for directional operation								
Antenna monitor Antenna monitor sample Towers Phase reading(s) in degrees current ratio(s) Antenna base currents								
Towers Phase reading(s)		Day	current ratio(s)		Night	Day		
							-	
Manufacturer and	d type of anteni	na monitor:						

SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator Six-wire folded unipole skirt mounted on a uniform, cross-section,	Overall height in meters of radiator above base insulator, or above base, if grounded.	above ground (without		Overall height in meter above ground (include obstruction lighting)		If antenna is either top loaded or sectionalized, describe fully in an Exhibit. Exhibit No.
guyed, steel, grounded tower.	60.9 meters	60.9 met	iers	61.9 meters		
tower.				ASR(NDA) = 10	007036	3
Excitation	Series (Insulated)	Shunt (Grounded		_		
Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.						
North Latitude 42	2 0 35 '	05 "	West Longitu	ide 72 °	16	52 "
If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits. Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.						
						truction permit or in the

- 10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit? The apparatus does not differ from that described in the underlying Correction of Coordinate Construction Permit BP-20190204AAN.
- 11. Give reasons for the change in antenna or common point resistance.

The Antenna Resistance and Reactance measurements have been retaken and submitted in response to this Form 302-AM License Application covering Correction of Coordinate Construction Permit BP-20190204AAN. Concerning Special Operating Conditions or Restrictions:

- 1. The permittee certifies it has installed a type accepted transmitter, therefore no further documentation is required.
- 2. The permittee certifies a license application (FCC Form 302) to cover this permit has been filed with the Commission pursuant to Section 73.3536.
- 3. The permittee acknowledges it 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. The permittee certifies the ground system consists of 120 equally spaced, buried, copper radials, 107.1 meters in length about the base of the tower.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Justin W. Asher	Signature (chec) appropriate box below.
Address (include ZIP Code) Asher Broadcast Consulting, LLC	Date April 24, 2019
579 Babcock Road Bronson, MI 49028-9347	Telephone No. (Include Area Code) 1(202)875-2986
Technical Director	Registered Professional Engineer
Chief Operator	Technical Consultant
Other (specify)	

FCC 302-AM (Page 5) August 1995

Orange-Athol, MA - WPVQ(AM) Vertical Plan of Antenna System

FIGURE 8 calculates the Inverse Distance Field for AM broadcast stations with frequencies between 530 and 1700 kHz. This calculator is a computer version of Figure 8 of Section 73.190 of the FCC Rules.

The Inverse Distance Fields calculated here are in mV/m at 1 kilometer.

Ground system correction factors may be incorporated into the following results.

Input Parameters

Frequency:

700 kHz

Number of Ground Radials:

120

Correction for number of radials:

0.0000 mV/m @ 1

kilometer

Average Length of Ground Radials: 107.100 meters

351.378 feet

90.026 degrees 0.2501 wavelengths

Correction factor for length:

0.0000 mV/m @ 1

kilometer

One Wavelength at 700 kHz is:

428.275 meters

1405.102 feet

Tower Height:

60.900 meters 199.803 feet 51.19 degrees 0.1422 wavelengths

Predicted Field Strength from Figure 8, Section 73.190

(Metric units)

Theoretical Field Corrected

Field

At 1.00 kW: 280,199 280.199

mV/m @ 1 KM

At 2.500

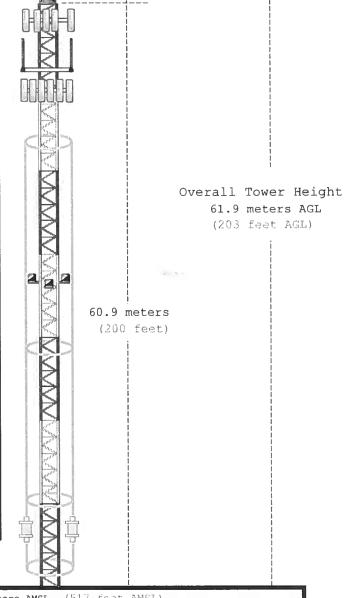
kW:

443.034

443.034

mV/m @ 1 KM

Six Wire Folded Unipole Skirt Mounted on a Grounded Tower



219.5 meters AMSL

AMSL)

(720 feet

1.0 meters (3 feet)

Ground Elevation	157.6 meters AMSL	(517 feet AMSL)				
Address: 660 East Main Street						
City: Orange		Latitude (D M S) Longitude (D M S)				
County: Franklin	NAD 27 datum valu	ues: 42 35 5.08689 72 16 51.99755				
State: MASS	NAD 83 datum valu	ues: 42 35 5.40000 72 16 50.30000				
Antenna Structure Registration	Drawing	Asher Broadcast Consulting, LLC				
1007036	Is Not	justinasher@consultant.com				