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APR 12 2016

Federal Communications Commission
Office of the Secretary

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

WSOS RADIO LLC

MAILING ADDRESS (Line 1) (Maximum 35 characters)

3000 N. PONCE DE LEON BLVD., #6

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

ST. AUGUSTINE

STATE OR COUNTRY (if foreign address)

FL

ZIP CODE

32084

TELEPHONE NUMBER (include area code)

(904) 495-1370

CALL LETTERS

WSOS

OTHER FCC IDENTIFIER (If applicable)

2. A. Is a fee submitted with this application?

☐ Yes ☒ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

☐

Governmental Entity

☐

Noncommercial educational licensee

☒

Other (Please explain):

Direct Measurement of Power

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

FEE TYPE CODE		

(B)

FEE MULTIPLE			
0	0	0	1

(C)

FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ N/A

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To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

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(B)

0	0	0	1
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(C)

\$ N/A

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ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION

\$ N/A

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SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT WSOS RADIO LLC		
MAILING ADDRESS 3000 N. PONCE DE LEON BLVD., #6		
CITY ST. AUGUSTINE	STATE FL	ZIP CODE 32084

2. This application is for:

☒ Commercial
 ☐ Noncommercial
☐ AM Directional
 ☒ AM Non-Directional

Call letters	Community of License	Construction Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit
WSOS	ST. AUGUSTINE BEACH, FL	N/A	N/A	N/A

3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☐ Yes ☐ No

If No, explain in an Exhibit.

Exhibit No.
N/A

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☐ Yes ☐ No

If No, state exceptions in an Exhibit.

Exhibit No.
N/A

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?

☐ Yes ☐ No

If Yes, explain in an Exhibit.

Exhibit No.
N/A

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)?

☐ Yes ☐ No

If No, explain in an Exhibit.

☒ Does not apply

Exhibit No.

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?

☐ Yes ☒ No

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.

Exhibit No.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).


The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name KEVIN GEDDINGS	Signature 	
Title MEMBER	Date 3/23/2016	Telephone Number 9044951370

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 not 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 information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

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.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant
WSOS RADIO LLC

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐

Station License

☒

Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign WSOS	File No. of Construction Permit (if applicable) BPFT-20160128BEM	Frequency (kHz) 1170	Hours of Operation DAYTIME	Power in kilowatts	
				Night 0	Day .71
2. Station location					
State FL			City or Town ST. AUGUSTINE		
3. Transmitter location					
State FL	County ST. JOHNS	City or Town ST. AUGUSTINE		Street address (or other identification) 253 ZYGMONT CT.	
4. Main studio location					
State FL	County ST. JOHNS	City or Town ST. AUGUSTINE		Street address (or other identification) 3000 N. PONCE DE LEON BLVD., #6	
5. Remote control point location (specify only if authorized directional antenna)					
State	County	City or Town		Street address (or other identification)	

6. Has type-approved stereo generating equipment been installed?

☒

Yes

☐

No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?

☐

Yes

☐

No

☒

Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.

8. Operating constants:					
RF common point or antenna current (in amperes) without modulation for night system 0.0			RF common point or antenna current (in amperes) without modulation for day system 4.27		
Measured antenna or common point resistance (in ohms) at operating frequency Night 39 Day 39			Measured antenna or common point reactance (in ohms) at operating frequency Night -418 Day -418		
Antenna indications for directional operation					
Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents
	Night	Day	Night	Day	Night Day
N/A					
Manufacturer and type of antenna 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 TOWER	Overall height in meters of radiator above base insulator, or above base, if grounded. 116.3	Overall height in meters above ground (without obstruction lighting) 116	Overall height in meters above ground (include obstruction lighting) 117.3	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div>Exhibit No.</div>
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Excitation ☐ Series ☒ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	29	°	55	'	05	"	West Longitude	81	°	23	'	26	"
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
N/A

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
N/A

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

N/A

11. Give reasons for the change in antenna or common point resistance.

INSTALLATION OF TRANSLATOR ANTENNA, REPAIR OF SHUNT FEED

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) ALAN ALSOBROOK	Signature (check appropriate box below)
Address (include ZIP Code) 13 MATANZAS CIRCLE ST. AUGUSTINE, FL 32080	Date 3/22/2016
	Telephone No. (Include Area Code) (904) 829-8885

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☒ Technical Consultant

☐ Other (specify)

Alsobrook Electronics

13 Matanzas Cir.

St. Augustine Florida 32080

Phone (904) 829-8885 Fax (904) 461-9687 Email aalso@bellsouth.net

Measurement Procedure statement for WSOS 1170 AM St. Augustine Florida FCC Facility 70404.

On March 21, 2016 I performed AM base impedance measurements as required by CP BPFT20160128.

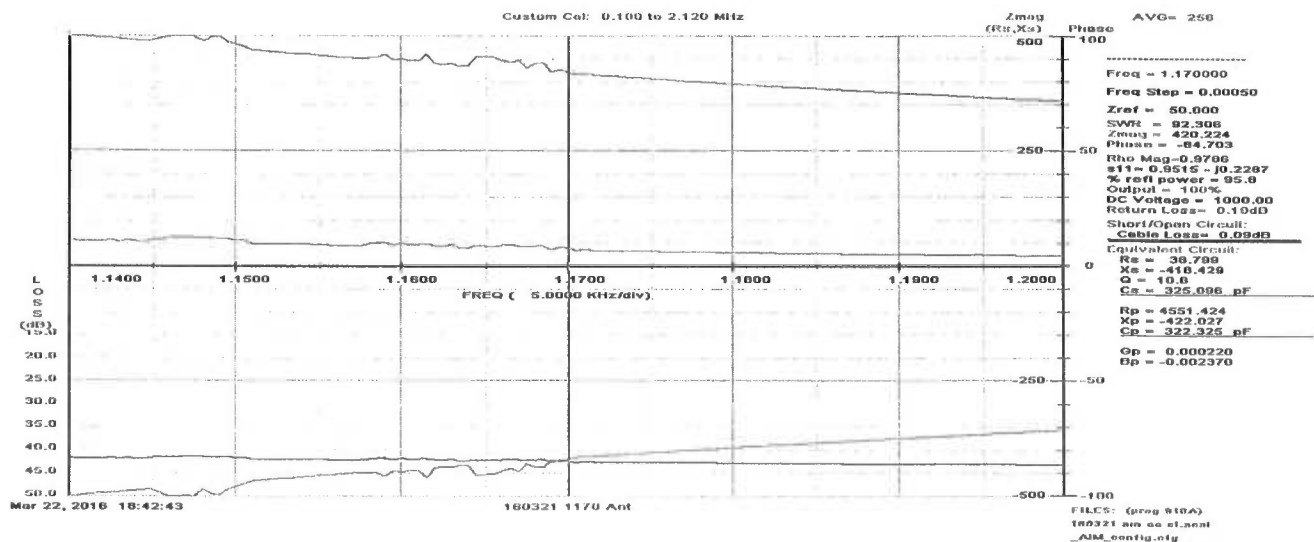
That construction permit was for the replacement of an FM antenna at the top of the tower for W258BF.

While the tower crews were on the tower the AM station was de-energized and locked out. The tower crew also repaired a problem noticed with the AM unipole feed system while on the tower and took corrective action to a damaged shunting connection.

The measurement was performed after all tower work was completed and all personnel were clear of the tower.

To measure the base impedance of the tower a VNA (Voltage Network Analyzer) was calibrated on site, and then placed across the feed point of the antenna and operated to perform a sweep from 1140 KHz to 1200 KHz. The data obtained by from that measurement was reviewed to determine the resistance and reactance at the carrier frequency of 1170 KHz.

All measurements were performed directly by myself. The resulting data is shown below. Note: date & time on the graph indicate when it was downloaded, not when the measurement was taken.

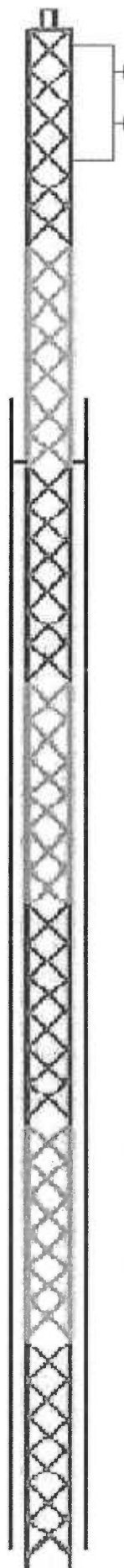


Alan Alsobrook is a SBE certified Senior Radio Engineer, with an AM Directional Specialist endorsement, and holds FCC license PG-6-11216.

Alan Alsobrook CSRE AMD.

**Tower Sketch for
W258BF CP
BPFT-20160128BEM**

**WSOS AM Skirt 248'
AM Unipole Tap Point 239'**



**W258BF TX Shively 6812B-2
Center of Radiation 114M AGL**