

Pathway Community Radio, Inc.
4835 North Street
Marcellus, NY 13108
315-744-7006

November 15, 2018

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W., Room TWD-204
Washington, D.C. 20554

Re: WOSW(AM) (Fac. ID 52370)
Fulton, New York
FCC Form 302-AM
Application for Direct Measurement of Power

Dear Ms. Dortch,

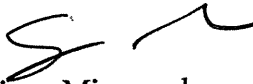
Pathway Community Radio, Inc. ("Pathway"), licensee of WOSW(AM), Fulton, NY hereby submits, in triplicate, Form 302-AM to determine power by the direct method.

The submission of this application is prompted by the conditions stated in the construction permits for two FM translator stations (W254CI/W255DC: BPFT-20170407ACB, W206BH/W253BZ: BMPFT-20170328AAA) to relocate to the tower utilized by WOSW(AM). The installation for both FM translator antenna systems has been completed.

It is noted no fee is being submitted with this application as this type of application is exempt as stated in the Commission's Mass Media Application Filing Guide (footnote 7).

If there are any questions regarding this matter, please do not hesitate to contact the undersigned or Pathway's attorney James L. Oyster, 108 Oyster Lane, Castleton, VA 22716, phone: (540) 937-4800 or email at Oysterlaw@hotmail.com.

Sincerely,



Sinan Mimaroglu
President

Attachments
cc: Public File
James L. Oyster, Esq.

FOR
FCC
USE
ONLY

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)

Pathway Community Radio, Inc.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

4835 North Street

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

Marcellus

STATE OR COUNTRY (if foreign address)

NY

ZIP CODE

13108

TELEPHONE NUMBER (include area code)

315-744-7006

CALL LETTERS

WOSW

OTHER FCC IDENTIFIER (If applicable)

52370

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):

APPLICATION IS FOR 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)
\$

FOR FCC USE ONLY

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

(A)

--	--	--

(B)

0	0	0	1
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(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 THIS
APPLICATION

\$

FOR FCC USE ONLY

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Pathway Community Radio, Inc.		
MAILING ADDRESS 4835 North Street		
CITY Marcellus	STATE New York	ZIP CODE 13108

2. This application is for:

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

Call letters WOSW	Community of License Fulton, NY	Construction Permit File No. n/a	Modification of Construction Permit File No(s). n/a	Expiration Date of Last Construction Permit n/a
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☒ Yes ☐ No

Exhibit No.

If No, explain in an Exhibit.

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

☐ Yes ☐ No

Exhibit No.

n/a

If No, state exceptions in 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?

☐ Yes ☐ No

Exhibit No.

n/a

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)?

☐ Yes ☐ No

☒ Does not apply

Exhibit No.

n/a

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?

☐ Yes ☒ No

Exhibit 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.

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.
n/a

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).

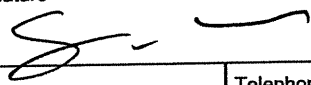
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

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 Sinan Mimaroglu	Signature 	
Title President	Date 11/15/2018	Telephone Number 315-744-7006

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

Pathway Community Radio, Inc.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐

Station License

☒

Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign WOSW	File No. of Construction Permit (if applicable) n/a	Frequency (kHz) 1300	Hours of Operation unlimited	Power in kilowatts	
				Night .04	Day 1.0
2. Station location					
State New York			City or Town Fulton		
3. Transmitter location					
State NY	County Oswego		City or Town Granby	Street address (or other identification) 174 Lake Shore Rd.	
4. Main studio location					
State NY	County Onondaga		City or Town Marcellus	Street address (or other identification) 4835 North Street	
5. Remote control point location (specify only if authorized directional antenna)					
State n/a	County n/a		City or Town n/a	Street address (or other identification) n/a	

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 0.28			RF common point or antenna current (in amperes) without modulation for day system 1.42			
Measured antenna or common point resistance (in ohms) at operating frequency Night 494 Day 494			Measured antenna or common point reactance (in ohms) at operating frequency Night +j392 Day +j392			
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
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 uniform cross-section guyed	Overall height in meters of radiator above base insulator, or above base, if grounded. 93.0	Overall height in meters above ground (without obstruction lighting) 93.9	Overall height in meters above ground (include obstruction lighting) 94.8	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div>Exhibit No. n/a</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 43 ° 17 ' 41 "	West Longitude 76 ° 26 ' 35 "
--	--

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.
Figure 1

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

Exhibit No.
Engineering Exhibit

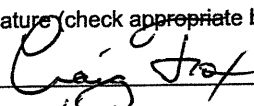
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

This is an application for direct measurement of power.

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

Installation of antennas, transmission lines, and isocouplers for FM translators W254CI (W255DC) and W206BH (W253BZ).

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) Craig Fox	Signature (check appropriate box below) 
Address (include ZIP Code) 401 W. Kirkpatrick St. Syracuse, NY 13204	Date 11/15/2018
	Telephone No. (Include Area Code) 315-468-0908

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☒ Technical Consultant

☐ Other (specify)

ENGINEERING STATEMENT
Pathway Community Radio, Inc.
November, 2018

Pathway Community Radio, Inc. ("Pathway") is the licensee of WOSW(AM), Fulton, NY (Fac. ID 52370). The station is filing this application in support of a return to direct power measurement in relation to condition 3 of the respective construction permits issued for FM translator stations W255DC (W254CI) (BPFT-20170407ACB) and W253BZ (W206BH) (BMPFT-20170328AAA) both of which hold authorizations (attached) to relocate to the tower utilized by WOSW(AM). The installation of the FM translator antenna systems (antennas, transmission line, isocouplers) has been completed. Figure 1 is a vertical sketch of the tower showing the location of the FM antennas, as installed, and other pertinent characteristics.

This application and engineering exhibit demonstrate that the necessary measurements and adjustments of the WOSW(AM) antenna have been performed to ensure proper operation.

The height of the WOSW(AM) above the base insulator is 93.0 m. (305 ft.) and is an electrical length of 145.1 degrees at the station's operating frequency of 1300 kHz with an inverse field of 344.4 mv/m/kW @ 1 km. Including obstruction lighting, the overall height of the tower is 94.8 m. (311 ft.) and has antenna structure registration number (ASR) 1007177.

Antenna impedance measurements were performed directly before the antenna with the antenna tuning unit disconnected and at the point where the antenna current meter is normally connected. The test equipment setup consisted of a Ramsey AM-25 synthesized oscillator with 10 kHz steps, a General Radio 1606-A bridge and a Potomac

FIM-41 field strength meter as a detector for null identification from the impedance bridge. Non-inductive one-percent tolerance resistors were used as references for determining the accuracy of the impedance bridge resistance measurements. The impedance measurements for the tower were performed with the bridge connected directly to the AM radiator with the new antennas and transmission lines connected and isocouplers connected and with their cases bonded to the ground system utilizing two-inch wide copper strap. The output of the ATU was disconnected for these measurements.

ANTENNA IMPEDANCE MEASUREMENTS

Frequency (kHz)	Resistance (ohms)	Reactance (j ohms)
1270	598	+j335
1280	564	+j358
1290	529	+377
1300*	494	+392
1310	456	+400
1320	422	+407
1330	386	+411

* = WOSW(AM) carrier frequency

With an antenna resistance of 494 ohms at the carrier frequency, the RF base current meter at the output of the antenna tuning unit, without modulation, reads 1.42 amperes with 1,000 watts of power for daytime operation and 0.28 amperes with 40 watts of power for nighttime operation.

With the ATU reconnected and properly readjusted to provide a match of 50 ohms +j0, input impedance measurements were performed to determine the variation of impedance over the audio pass-band within +/- 10 kHz of the carrier frequency.

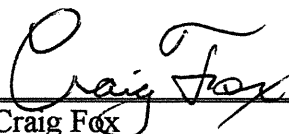
INPUT TO ANTENNA TUNING UNIT

Frequency (kHz)	Resistance (ohms)	Reactance (j ohms)
1290	52.0	-j5.1
1300*	50.0	j0.0
1310	47.8	+4.9

Measurements at the input of the ATU show a very smooth variation over the 20 kHz bandwidth with an approximate SWR of 1.05:1 or less.

In summary, the new parameters for direct measurement of power for WOSW(AM) using the formula: $P = I^2 R$ where P is the antenna input power in watts, I is the antenna current in amperes and R is the antenna resistance in ohms is as follows:

	<u>Power (watts)</u>	<u>Current (amperes)</u>	<u>Resistance (ohms)</u>
<u>Daytime:</u>	1,000	1.42	494
<u>Nighttime:</u>	40	0.28	494



 Craig Fox
 Technical Consultant
 November 14, 2018

Not Drawn to Scale

(supporting guy wires not shown)

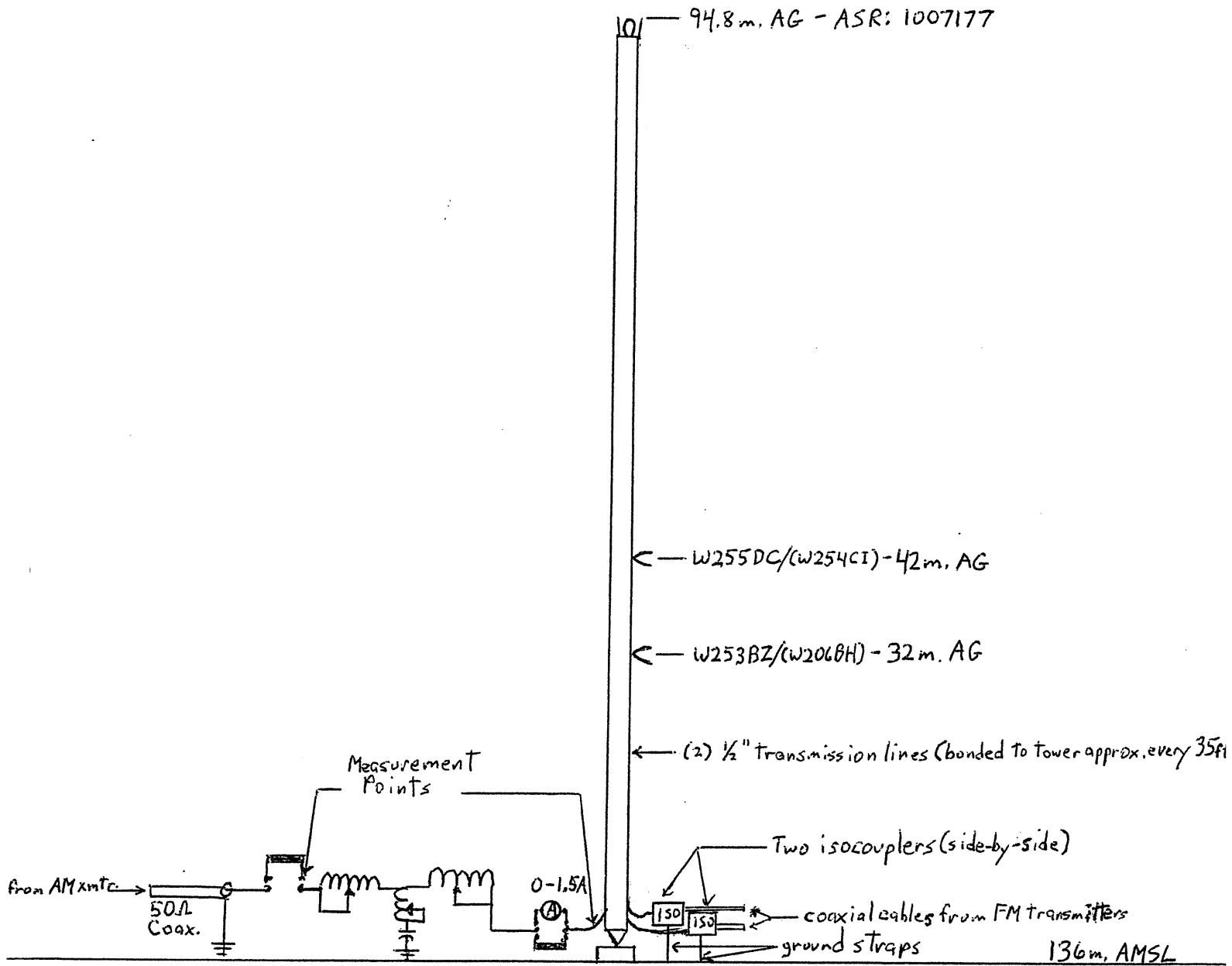


FIGURE 1
Vertical Sketch
WOSW(AM), Fulton, NY
Pathway Community Radio, Inc.
November, 2018



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

CRAM COMMUNICATIONS, LLC
4853 MANOR HILL DRIVE
SYRACUSE NY 13215

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 86708

Call Sign: W255DC

Permit File Number: BPFT-20170407ACB

Grant Date: April 25, 2017

This permit expires 3:00 a.m.
local time, 36 months after the
grant date specified above.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: CRAM COMMUNICATIONS, LLC

Principal community to be served: NY-FULTON

Primary Station: WOLF-FM (FM) , Channel 221, BALDWINSVILLE, NY

Via: Direct - off-air

Frequency (MHz): 98.9

Channel: 255

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 43 deg 17 min 41 sec
 West Longitude: 76 deg 26 min 35 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Directional

Major lobe directions 20 140
 (degrees true):

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.21	0.21
Height of radiation center above ground (Meters):	42	42
Height of radiation center above mean sea level (Meters):	178	178

Antenna structure registration number: 1007177

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.

Special operating conditions or restrictions:

- 3 This construction permit authorizes the mounting of an antenna on the nondirectional tower of the AM station identified below. During the installation of the antenna, the AM station shall determine operating power by the indirect method (see Section 73.51 of the Commission's Rules). Upon completion of the antenna installation, antenna impedance measurements on the AM antenna shall be made. If the resistance of the AM antenna has changed by more than 2 percent from the licensed value (see Section 73.45(c)(1) of the Commission's Rules), an application for the AM station to return to direct power measurement, including a tower sketch of the installation, shall be filed with the Commission by the AM station licensee using form FCC 302-AM. (See Section 1.30003 of the Commission's Rules.) The permittee must submit confirmation of completion of the requirements of this condition in the application for license to cover this construction permit.

Station WOSW(AM), Fulton, NY, Fac. ID No. 52370.

*** END OF AUTHORIZATION ***



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST TRANSLATOR/BOOSTER STATION
CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

CRAM COMMUNICATIONS, LLC.
401 W. KIRKPATRICK ST.
SYRACUSE NY 13204

James D. Bradshaw
Deputy Chief
Audio Division
Media Bureau

Facility Id: 122758

Call Sign: W253BZ

Permit File Number: BMPFT-20170328AAA

Grant Date: April 18, 2017

The authority granted herein has
no effect on the expiration date
of the underlying construction
permit.

This permit modifies permit no.: BMPFT-20160727AAL

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Name of Permittee: CRAM COMMUNICATIONS, LLC.

Principal community to be served: NY-FULTON

Primary Station: WOSW (AM) , Frequency 1300 kHz, FULTON, NY

Via: Other

Frequency (MHz): 98.5

Channel: 253

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 43 deg 17 min 41 sec

West Longitude: 76 deg 26 min 35 sec

Transmitter: Type Accepted. See Sections 73.1660, 74.1250 of the Commission's Rules

Antenna type: (directional or non-directional): Directional

Major lobe directions 30 270
(degrees true):

	Horizontally Polarized Antenna:	Vertically Polarized Antenna:
Effective radiated power in the Horizontal Plane (kw):	0.2	0.2
Height of radiation center above ground (Meters):	32	32
Height of radiation center above mean sea level (Meters):	168	168

Antenna structure registration number: 1007177

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

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 Prior to commencing program test operations, FM Translator or FM Booster permittee must have on file at the Commission, FCC Form 350, Application for an FM Translator or FM Booster Station License, pursuant to 47 C.F.R. Section 74.14.

Special operating conditions or restrictions:

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Station WOSW(AM), Facility ID No. 52370, Fulton, NY.

- 4 Pursuant to Revitalization of the AM Radio Service, First Report and Order, 30 FCC Rcd 12145, 12153 para. 16 (2015), the permittee and any successor in interest (licensee) shall be subject to the following restrictions. From the grant of the construction permit and continuing until the facility has achieved four years of on-air operations rebroadcasting the primary AM station identified on this authorization, the licensee may NOT change such primary station being rebroadcast by this translator, nor may it rebroadcast another station when the primary station identified on this authorization is silent. Periods of station silence shall not count toward the fulfillment of this four-year requirement. During this same four-year period the licensee may not assign or transfer the construction permit to another party, unless it is to the licensee of the AM station identified on this authorization or unless such assignment or transfer provides for the continuing right of the primary station to rebroadcast on the translator. Minor modifications of this authorization are permitted, provided that the translator will continue to rebroadcast the AM station for which the modification was granted.

*** END OF AUTHORIZATION ***