

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)

Rhode Island Public Radio

MAILING ADDRESS (Line 1) (Maximum 35 characters)

1 Union Station

MAILING ADDRESS (Line 2) (Maximum 35 characters)

The Public's Radio 89.3FM

CITY

Providence

STATE OR COUNTRY (if foreign address)

Rhode Island

ZIP CODE

02903

TELEPHONE NUMBER (include area code)

401-351-2800

CALL LETTERS

WPVD

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):

C. If Yes, provide the following information: WPVD is a noncommercial station per BML-980428KA.

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	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
	0 0 0 1	\$ 0	

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)	(C)	FOR FCC USE ONLY
	0 0 0 1	\$	

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
\$ 0	

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Rhode Island Public Radio, Inc		
MAILING ADDRESS 1 Union Station		
CITY Providence	STATE RI	ZIP CODE 02903

2. This application is for:
- Commercial Noncommercial
 AM Directional AM Non-Directional

Call letters WPVD	Community of License Providence	Construction Permit File No. BP-20210624AAB	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit 10/26/2024
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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.

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.

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.

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.

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 Torey Malatia	Signature 	
Title President, CEO & General Manager	Date 2/24/2022	Telephone Number 401-351-2800

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
Rhode Island Public Radio, Inc

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

- Station License Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
WPVD	BP-20210624AAB	1290	unlimited	0.016	0.400

2. Station location

State Rhode Island	City or Town Providence
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3. Transmitter location

State RI	County Providence	City or Town North Providence	Street address (or other identification) 1110 Douglas Ave
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4. Main studio location

State RI	County Providence	City or Town Providence	Street address (or other identification) 1 Union Station
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5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
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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 0.4 A	RF common point or antenna current (in amperes) without modulation for day system 2.3 A
Measured antenna or common point resistance (in ohms) at operating frequency Night 84 ohms Day n/a	Measured antenna or common point reactance (in ohms) at operating frequency Night n/a Day 84 ohms

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 Guyed Tower	Overall height in meters of radiator above base insulator, or above base, if grounded. 57.91	Overall height in meters above ground (without obstruction lighting) 59.4	Overall height in meters above ground (include obstruction lighting) 59.4	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">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 41 ° 51 ' 22 "	West Longitude 71 ° 26 ' 44 "
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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.

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

Exhibit No.

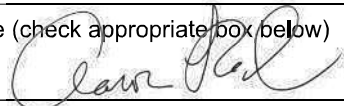
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

none

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

n/a

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) Aaron Read	Signature (check appropriate box below) 
Address (include ZIP Code) 1 Union Station ATTN: RIPR Engineering Providence, RI 02903	Date 2/23/2022 Telephone No. (Include Area Code) 401-351-2800

- Technical Director
 Registered Professional Engineer
 Chief Operator
 Technical Consultant
 Other (specify)



License to Cover (LtC) application for WPVD 1290AM (Facility ID 48308)

In relation to Permit File Number: BP-20210624AAB, change to ND2-U Class D operation.

Addressing the special operating conditions or restrictions:

- 1. Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.**
 - a. Permittee has installed a Type-Accepted Nautel P400 transmitter.

- 2. A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.**
 - a. As this permit was granted October 26, 2021 and is valid for 36 months, we are meeting this requirement.

- 3. 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.**
 - a. Licensee pledges to do so. There is an existing 8ft chain-link fence surrounding the base of the tower and ATU cabinet, kept padlocked at all times. RF Warning signs are posted on the fencing, and RF Danger signs on the tower itself.

- 4. Before program tests are authorized, permittee shall dismantle the unused antenna towers, or in lieu thereof, submit a proof of performance to establish that the proposed radiation pattern is essentially omnidirectional. The proof shall include at least six approximately equally-spaced radials with sufficient close-in points that the inverse distance fields can be clearly established.**
 - a. See measurement summary on next page.

- 5. The ground system consists of 120 evenly spaced, buried copper wire radials, each extending to a length of 58.1 meters (or 90 electrical degrees) except where shortened by property boundaries or where overlapping radials from the adjoining towers are bonded to 4 inch copper strap.**
 - a. There have been no changes to the existing ground system for WPVD's previous 10kW-DA2 facility, which met the requirements above. The same system is being used for the new facility, just using only one tower.



RF Measurement Summary

Rhode Island Public Radio's Chief Engineer, Aaron Read, mapped six measurement locations, all exactly 2 miles from the tower, using Google Earth. It was attempted to get as close to the "ideal" azimuths (0, 60, 120, 180, 240, 300) as possible, but it was not always practical to physically get to the point along the ideal azimuth that was still 2 miles from the tower.

Using a Potomac Instruments FIM41 Field Intensity Meter, each location was measured and the following readings obtained, demonstrating a reasonably omnidirectional pattern. All points are in the state of Rhode Island.

Azimuth (actual)	Volts msmt	Address	Date @ Time
0 (355)	0.12V	100 Twin River Rd, Lincoln	12/6/21 @ 2:43pm
60 (64)	0.11V	100 Legion Dr, Pawtucket	12/6/21 @ 2:55pm
120 (113)	0.12V	5 Branch Ave, Providence	12/7/21 @ 12:51pm
180 (165)	0.12V	403 Valley St, Providence	12/6/21 @ 3:12pm
240 (224)	0.12V	993 Manton Ave, Providence	12/6/21 @ 3:27pm
300 (283)	0.14V	3 Middle St, North Providence	12/6/21 @ 3:38pm