

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
<b>Extension of Existing Engineering STA</b>		FOR COMMISSION USE ONLY
Read Instructions/FAQ before filling out form		FILE NO. BESTA - 20171114AAP

**Section I - General Information**

1.	Legal Name of the Applicant PLYMOUTH ROCK BROADCASTING CO., INC.	
	Mailing Address 17 COLUMBUS ROAD	
	City PLYMOUTH	State or Country (if foreign address) MA
	Zip Code 02360 -	
	Telephone Number (include area code) 5087461390	E-Mail Address (if available)
	FCC Registration No 0004986469	Call Sign WPLM
		Facility ID Number 52837
2.	Contact Representative (if other than licensee/permittee) SUSAN A. MARSHALL, ESQ.	Firm or Company Name FLETCHER, HEALD & HILDRETH, P.L.C.
	Mailing Address 11TH FLOOR 1300 NORTH 17TH STREET	
	City ARLINGTON	State or Country (if foreign address) VA
	ZIP Code 22209 -	
	Telephone Number (include area code) 7038120400	E-Mail Address (if available) MARSHALL@FHHLAW.COM
3.	Purpose:	
	<input type="checkbox"/> Engineering STA	
	<input checked="" type="checkbox"/> Extension of Existing Engineering STA	File Number: BSTA - 20161025AAU
	<input type="checkbox"/> Legal STA	

<input checked="" type="checkbox"/> Extension of Existing Legal STA	
4. Service: AM 5. Community of License: City: PLYMOUTH State: MA 6. If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input checked="" type="checkbox"/> Governmental Entity <input checked="" type="checkbox"/> Noncommercial Educational Licensee/Permittee <input type="checkbox"/> Other	
7. <del>Other</del> <b>Environmental Protection Act.</b> The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., N/A (Fee Required)). The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an <b>Exhibit is required.</b>  By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  See Explanation in [Exhibit 33]
8. Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1) the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought.	[Exhibit 34]
9. Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	
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I hereby 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. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing DR. LAURIE J. CAMPBELL	Typed or Printed Title of Person Signing PRESIDENT OF PLYMOUTH ROCK BROADCASTING CO., INC.
Signature	Date (mm/dd/yyyy) 11/14/2017

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 PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

**Exhibits**

**Exhibit 33**

**Description:** ENVIRONMENTAL COMPLIANCE

SEE THE ATTACHED STATEMENT OF THE STATION'S CONSULTING ENGINEER REFLECTING CONTINUED ENVIRONMENTAL COMPLIANCE

**Attachment 33**

Description
Statement of Continued Environmental Compliance

**Exhibit 34**

**Description:** EXTRAORDINARY CIRCUMSTANCES WARRANTING TEMPORARY OPERATION

THE LICENSEE REQUESTS A CONTINUATION OF ITS STA OPERATION. BECAUSE OF ONGOING ISSUES DESCRIBED BELOW, THE LICENSEE REQUESTS AUTHORITY TO OPERATE WITH A NIGHTTIME PATTERN AT 1000 WATTS UNTIL REPAIRS ARE COMPLETE. THE LICENSEE WOULD LIKE TO PULL INTO COMPLIANCE THE NIGHTTIME PATTERN EQUIPMENT FIRST SINCE ITS OPERATION WOULD ALSO MAINTAIN DAYTIME PARAMETERS. ACCORDING TO FRANK DOREMUS, THE STATION'S BROADCAST ENGINEER, THE LICENSEE HAS COMPLETED TESTING OF THE TRANSMISSION LINES TO THE 4 ATU'S. THE LICENSEE HAS ALSO DESIGNED AND INSTALLED VARIABLE CAPS FOR THE SAMPLE LOOP ISOLATION COILS THAT WERE NECESSARY BECAUSE OF IMPROPER LOADING OF THE TOWER BASE IMPEDANCES. REPAIRS TO THE TOWER # 1 FM ISOCOUPLER HAVE BEEN COMPLETED. THE FM ISOCOUPLER ON TOWER #2 HAS SOME MOUNTING ISSUES THAT WILL NEED TO BE ADDRESSED BY A TOWER CREW. IT IS BELIEVED THAT THE MOUNTING ISSUES ARE AFFECTING THE IMPEDANCE OF THAT TOWER. SINCE THE MAIN FM ANTENNA SYSTEM IS THE SOURCE OF BUSINESS REVENUE, REPAIRS TO THAT SYSTEM ARE REQUIRING THE UTMOST CARE. ALSO ACCORDING TO MR. DOREMUS, ALTHOUGH THE LICENSEE HAS SUFFERED A SETBACK WITH ARRAY REPAIRS DUE TO A FAILURE OF THE OUTPUT NETWORK ON THE MAIN AM TRANSMITTER, THOSE ISSUES HAVE BEEN REPAIRED ENABLING CONTINUED REPAIRS ON THE PHASOR AND ATU'S. IN ADDITION, MR. DOREMUS REPORTS THAT THE LICENSEE HAS DISCOVERED SAMPLE LOOP COAXIAL CABLES ON TOWERS # 1 AND # 3 TO BE INUNDATED WITH WATER AND WILL HAVE TO BE REPLACED WHEN THE WORK CAN BE SCHEDULED. FURTHERMORE, CONTROLS AND CONTROL WIRING BURIED BETWEEN PHASOR AND ATU'S HAVE BEEN SHOWING UNRELIABLE DAY TO NIGHT PATTERN SWITCHING WHICH IS ANOTHER JUSTIFICATION FOR REMAINING ON THE NIGHTTIME PATTERN UNDER SPECIAL TEMPORARY AUTHORIZATION.

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**Attachment 34**

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**Exhibit 33**

**Statement of continued compliance**

**The proposed STA will not have an environmental impact or alter the continued compliance of WPLM AM to limiting radiofrequency exposure to the general public and site workers.**

**All 4 towers have secure fencing in good condition and appropriate RF exposure warning signs are in place.**

**With respect to worker safety, continued work on the Directional Array is employing a site policy to protect contractors and technical workers by limiting exposure to the recommended levels when work is performed around towers and on the array system. Such protective measures will include restriction of access to areas where levels in excess of guidelines may be expected, power reduction, and or complete shutdown of facilities when work, measurements or inspections must be performed in areas where exposure guidelines will be exceeded.**

**Upcoming tower work to replace transmission lines will require the AM to be shut down and operation from the backup FM system.**



**Frank Doremus BSEET**

**Broadcast Engineer**

**11/14/2017**