

Federal Communications Commission Washington, D.C. 20554 FCC 340	Approved by OMB 3060-0029 (July 2011) FOR FCC USE ONLY
APPLICATION FOR CONSTRUCTION PERMIT FOR RESERVED CHANNEL NONCOMMERCIAL EDUCATIONAL BROADCAST STATION Read INSTRUCTIONS Before Filling Out Form	FOR COMMISSION USE ONLY FILE NO. - 20150122AAW

Section I - General Information

1.	<table border="1"> <tr> <td colspan="3">Legal Name of the Licensee/Permittee FRIENDS OF MVYRADIO, INC.</td> </tr> <tr> <td colspan="3">Mailing Address 121 CARROLLS WAY</td> </tr> <tr> <td>City VINEYARD HAVEN</td> <td>State or Country (if foreign address) MA</td> <td>Zip Code 02568 -</td> </tr> <tr> <td>Telephone Number (include area code) 4018419484</td> <td colspan="2">E-Mail Address (if available) JGALLAGHER@ANGELSTREETCAPITAL.COM</td> </tr> <tr> <td>FCC Registration Number: 0024063869</td> <td>Call Sign WMVY</td> <td>Facility Identifier 175715</td> </tr> </table>	Legal Name of the Licensee/Permittee FRIENDS OF MVYRADIO, INC.			Mailing Address 121 CARROLLS WAY			City VINEYARD HAVEN	State or Country (if foreign address) MA	Zip Code 02568 -	Telephone Number (include area code) 4018419484	E-Mail Address (if available) JGALLAGHER@ANGELSTREETCAPITAL.COM		FCC Registration Number: 0024063869	Call Sign WMVY	Facility Identifier 175715
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(c) DTV Type: Pre-Transition Post-Transition Both

(d) Community of License:

City: EDGARTOWN

State: MA

(e) Facility Type

Main Auxiliary

If an amendment, **submit as an Exhibit** a listing by Section and Question Number the portions [Exhibit 1]
of the pending application that are being revised.

NOTE: The failure to include an explanatory providing full particulars in connection with a "No" response may result in dismissal of the application. See Instructions, paragraph L for additional information regarding completion of explanatory exhibits.

SECTION II - Legal and Financial

1.	Certification. Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.	<input checked="" type="radio"/> Yes <input type="radio"/> No
2.	Eligibility. Each application must answer "Yes" to one and "No" to two of the three following certifications. An applicant should not submit an explanatory exhibit in connection with these Question 2 "No" responses. The applicant certifies that it is: a. a nonprofit educational institution; or b. a governmental entity other than a school; or c. a nonprofit educational organization, other than described in a. or b.	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No
3.	For applicants checking "Yes" to question 2(c) and applying for a new noncommercial educational television station only, the applicant certifies that the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural, and civic segments of the principal community to be served.	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
4.	a. The applicant certifies that the Commission has previously granted a broadcast application identified here by file number that found this applicant qualified as a noncommercial educational entity with a qualifying educational program, and that the applicant will use the proposed station to advance a program similar to that the Commission has found qualifying in applicant's previous application. b. Applicants who answered "No" to Question 4(a), must include an exhibit that describes the applicant's educational objective and how the proposed station will be used to advance an educational program that will further that objective according to 47 C.F.R. Section 73.503 (for radio applicants) and 47 C.F.R. Section 73.621 (for television applicants).	<input type="radio"/> Yes <input type="radio"/> No FCC FileNumber - [Exhibit 2]
5.	The applicant certifies that its governing documents (e.g., articles of incorporation, by-laws, charter, enabling statute, and/or other pertinent organizational document) permit the applicant to advance an educational program and that there is no provision in any of those documents that would restrict the applicant from advancing an educational program or complying with any Commission rule, policy, or provision of the Communications Act of 1934, as amended.	<input type="radio"/> Yes <input type="radio"/> No
6.	a. Parties to the Application. List separately each party to the application including, as	

	<p>applicable, the applicant, its officers, directors, five percent or greater stockholders, non-insulated partners, members, and all other persons and entities with attributable interests. If another entity hold an attributable interest in the applicant, list separately, as applicable, its officers, directors, five percent or greater stockholders, non-insulated partners, and board members. Create a separate row for each individual or entity. Attach additional pages if necessary.</p> <p>[Enter Parties/Owners Information]</p>	
	<p>b. Applicant certifies that equity and financial interests not set forth above are non-attributable pursuant to 47 C.F.R. Section 73.3555 and that there are no agreements or understandings with any non-party that would give influence over the applicant's programming, personnel, or finances to that non-party.</p>	<p><input type="radio"/> Yes <input type="radio"/> No [Exhibit 3]</p>
7.	<p>Other Authorizations. List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest pursuant to the notes to 47 C.F.R. Section 73.3555.</p>	<p><input type="checkbox"/> N/A [Exhibit 4]</p>
8.	<p>Character Issues. Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:</p> <p>a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>b. any pending broadcast application in which character issues have been raised.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 5]</p>
9.	<p>Adverse Findings. Applicant certifies that, with respect to the applicant, any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another government unit; or discrimination.</p> <p>If the answer is "No," attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the the court or administrative body and the proceeding (by dates and file numbers), and a description of the disposition of the matter. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 C.F.R. Section 1.65, 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.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 6]</p>
10.	<p>Alien Ownership and Control. Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 7]</p>
11.	<p>Program Service Certification. Applicant certifies that it is cognizant of and will comply with its obligations as a commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
12.	<p>Local Public Notice. Applicant certifies compliance with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
13.	<p>Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to 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.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>
14.	<p>Equal Employment Opportunity (EEO). If the applicant proposes to employ five or more</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>

full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.	<input checked="" type="radio"/> N/A
QUESTIONS 15, 16 AND 17 APPLY ONLY TO APPLICANTS FOR NEW STATIONS. OTHER APPLICANTS CAN PROCEED TO QUESTION 18.	
<p>15. Financial. The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue.</p> <p>If "No" to 15., answer question 16. and 17.</p>	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 8]
16. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration?	<input type="radio"/> Yes <input type="radio"/> No
17. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision?	<input type="radio"/> Yes <input type="radio"/> No
<p>NOTE: If Yes to 16. or 17., the application cannot be granted unconditionally until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on the applicant's part is required. If the applicant relies on funds from a source specified in Question 17., the applicant must advise the Commission when the funds are committed or appropriated. This should be accomplished by letter amendment to the application. Applicants should take note that the Commission's construction period is not considered "tolled" by funding difficulties and that any permit granted conditionally on funding will expire if the station is not constructed for any reason, including lack of funding.</p>	
<p>QUESTIONS 18 AND 19 DO NOT APPLY TO APPLICATIONS FOR NEW STATIONS. APPLICANTS FOR NEW FM STATIONS CAN PROCEED TO SECTION III. APPLICANTS FOR NEW TV STATIONS CAN PROCEED TO SECTION IV.</p>	
Holding Period.	
<p>18. Applicant certifies that this application does not propose a modification to an authorization that was awarded on the basis of a preference for fair distribution of service pursuant to 47 U.S.C. Section 307(b).</p> <p>If "No," answer a. and b. below. If applicant answers "No" to 18. above and cannot answer "Yes" to either a. or b. below, the application is unacceptable.</p> <p>a. Applicant certifies that the proposed modification will not downgrade service to the area on which the Section 307(b) preference was based.</p> <p>b. Applicant certifies that although it proposes to downgrade service to the area on which the Section 307(b) preference was based, applicant has provided full service to that area for a period of four years of on-air operations.</p>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No
<p>19. Applicant certifies that this application does not propose a modification to an authorized station that received a credit for superior technical parameters under the point system selection method in 47 C.F.R. Section 73.7003.</p> <p>If "No," applicant must be able to answer "Yes" to a. below or provide an exhibit that makes a compelling showing that the downgrade would be in the public interest.</p> <p>a. Applicant certifies that the population and area within the proposed service contour (60 dBu (FM) or grade B (TV)) are greater than or equivalent to those authorized.</p>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No [Exhibit 9]

Section III

Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b) (New and Major Changes to FM Radio Only) (Other

applicants can proceed to Section IV).

1.	Applicant certifies that it provides a first aural (reception) service. Applicants answering "Yes" must provide an Exhibit.	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 10]
2.	Applicant certifies that (1) it is a Tribal Applicant, as defined in 47 C.F.R. Section 73.7000; (2) the facilities proposed in this Application will provide Tribal Coverage, as defined in 47 C.F.R. Section 73.7000, of Tribal Lands occupied by the applicant Tribe(s); (3) the proposed community of license is located on Tribal Lands, as defined in 47 C.F.R. Section 73.7000; and (4) the proposed facility would be the first local tribal-owned noncommercial educational transmission service at the proposed community of license. Applicants answering "Yes" must provide an Exhibit.	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 11]
3.	Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1 mV/m) service contour and (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 12]
4.	Applicant certifies that the proposed station will provide a second noncommercial educational aural service, or an aggregated first and second noncommercial educational aural service, to (a) at least 10 percent of the people residing within the station's 60 dBu (1 mV/m) service contour and (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 13]

Section IV Point System Factors - New and Major Change Applications Only (used to select among mutually exclusive radio and television applications for new stations and major modifications) **NOTE:** Applicants will not receive any additional points for amendments made after the close of the application filing window.

1.	Established Local Applicant: Applicant certifies that for at least the 24 months immediately prior to application, and continuing through the present, it qualifies as a local applicant pursuant to 47 C.F.R. Section 73.7000, that its governing documents require that such localism be maintained, and that it has placed documentation of its qualifications as an established local applicant in a local public inspection file and has submitted to the Commission copies of the documentation.	<input type="radio"/> Yes <input type="radio"/> No
2.	Diversity of Ownership: (a) Applicant certifies that the principal community (city grade) contour of the proposed station does not overlap the principal community contour of any other authorized station (comparing radio and television to television, including non-fill-in translator stations other than those identified in 2(b) below) in which any party to the application has an attributable interest as defined in 47 C.F.R. Section 73.3555, that its governing documents require that such diversity be maintained, and that it has placed documentation of its diversity qualification in a local public inspection file and has submitted to the Commission copies of the documentation. (b) Is the application's certification to 2(a) based on its exclusion of translator station(s) that will be replaced with a full service station pursuant to the authorization requested here? If Yes, applicant must include an exhibit identifying the translator station authorization for which it will request cancellation upon commencement of operation of the proposed full service station (i.e., upon its filing of a license application and receipt of program test authority).	<input type="radio"/> Yes <input type="radio"/> No [Exhibit 14]
3.	State-wide Network: Applicant certifies that (a) it has NOT claimed a credit for diversity of ownership above; (b) it is one of the three specific types of organizations described in 47 C.F.R. Section 73.7003(b)(3); and (c) it has placed documentation of its qualifications in a local public inspection file and has submitted to the Commission copies of the documentation.	<input type="radio"/> Yes <input type="radio"/> No
4.	Technical Parameters: Applicant certifies that the numbers in the boxes below accurately reflect the new area and population that its proposal would serve with a 60 dBu (FM) or Grade B (TV) signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c) (FM) and 73.683(TV) and that it has documented the basis for its calculations in the local public inspection file and has submitted copies to the Commission. Major modification applicants should include the area of proposed increase only (exclude any area already within the station's existing service area). (Points, if any, will be determined by FCC)	<input type="radio"/> Yes <input type="radio"/> No

New area served in square kilometers (excluding areas of water):		
Population served based on the most recent census block data from the United States Bureau of Census using the centroid method:		
SECTION V - Tie Breakers - New and Major Change Applications Only (used to choose among competing radio and television applications receiving the same number of points in Section IV)		
1.	Existing Authorizations. By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of relevant broadcast station authorizations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV (2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial and TV translator stations other than fill-in stations or those identified in IV(2)(b) above. (number of commercial and non-commercial licenses and construction permits)	
2.	Pending Applications. By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of pending applications for new or major changes to relevant broadcast stations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV(2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial, and TV translator stations other than fill-in stations or those identified in IV(2)(b) above. (number of pending commercial and non-commercial applications)	

Section VI – Certification

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. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing JOSEPH V. GALLAGHER, III	Typed or Printed Title of Person Signing PRESIDENT
Signature	Date 1/22/2015

Section VII Preparer's Certification

I certify that I have prepared Section VII (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name BERT GOLDMAN	Relationship to Applicant (e.g., Consulting Engineer) TECHNICAL CONSULTANT	
Signature	Date 1/17/2015	
Mailing Address 1511 RADCLIFFE WAY		
City AUBURN	State or Country (if foreign address) CA	Zip Code 95603-
Telephone Number (include area code) 2143955067	E-Mail Address (if available) BERT@BGOLDMAN.NET	

Relative Field Polar Plot

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

CERTIFICATION

AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 13-17. PROCEED TO ITEM 18.

13.	Main Studio Location. The proposed main studio location complies with 47 C.F.R. Section 73.1125.	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 15]
14.	Community Coverage. The proposed facility complies with 47 C.F.R. Section 73.315. (Channels 221 and above) or 47 C.F.R. Section 73.515 (Channels 220 and below).	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 16]
15.	<p>Interference. The proposed facility complies with all of the following applicable rule sections. Check all that apply:</p> <p>Contour Overlap Requirements. a. <input checked="" type="checkbox"/> 47 C.F.R. Section 73.509 Exhibit Required. [Exhibit 18]</p> <p>Spacing Requirements. b. <input type="checkbox"/> 47 C.F.R. Section 73.207 with respect to station(s)</p> <p>Grandfathered Short-Spaced. c. <input type="checkbox"/> 47 C.F.R. Section 73.213(a) with respect to station(s) Exhibit Required. [Exhibit 19]</p> <p>Contour Protection. d. <input type="checkbox"/> 47 C.F.R. Section 73.215(a) with respect to station(s) Exhibit Required. [Exhibit 20]</p> <p>Television Channel 6 Protection. e. <input checked="" type="checkbox"/> 47 C.F.R. Section 73.525 with respect to station(s) Exhibit Required. [Exhibit 21]</p>	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 17]
16.	<p>Reserved Channels Above 220. a. Availability of Channels. The proposed facility complies with the assignment requirements of 47 C.F.R. Section 73.203.</p>	<input type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 22]
17.	<p>International Borders. The proposed antenna location is not within 320 kilometers of the common border between the United States and Canada or Mexico.</p> <p>If "No," specify the country and provide an exhibit of compliance with all provisions of the relevant International Agreement.</p>	<input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Canada <input type="radio"/> Mexico [Exhibit 23]
18.	<p>Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., 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 Worksheet #7, an Exhibit is required.</p> <p>By checking "Yes" above, the applicant also certifies that it, in coordination with other users of</p>	<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 24]

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.

19. **Community of License Change - Section 307(b).** If the application is being submitted to change the facility's community of license, then the applicant certifies that it has attached an exhibit containing information demonstrating that the proposed community of license change comports with the fair distribution of service policies underlying Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b)).

Yes No
 N/A

[Exhibit 25]

An exhibit is required unless this question is not applicable.

PREPARER'S CERTIFICATION ON PAGE 8 MUST BE COMPLETED AND SIGNED.

Exhibits

Attachment 17

Exhibit 18

Description: WMVY CONSOLIDATED ENGINEERING EXHIBIT

Attachment 18

Description
WMVY CP MOD ENGINEERING EXHIBIT

Exhibit 21

Description: TELEVISION CHANNEL 6 PROTECTION

PLEASE SEE EXHIBIT 18 FOR TELEVISION CHANNEL 6 PROTECTION.

Attachment 21

Exhibit 24

Description: WMVY ENVIRONMENTAL COMPLIANCE

PLEASE SEE EXHIBIT 18 FOR ENVIRONMENTAL COMPLIANCE STATEMENT.

Attachment 24

ENGINEERING STUDY

WMVY (FM)

Requesting a Minor Modification to
Construction Permit BPED-20140509ABD

Channel 204 (88.7MHz)

Edgartown, MA.

Facility ID 175715

January, 2015

WMVY (FM)

Requesting a Minor Modification to Construction Permit BPED-20140509ABD Facility ID 175715

January 2015

TECHNICAL STATEMENT

This technical statement and attached exhibits were prepared on behalf of Friends of MVYradio, Inc. (MVY), licensee of radio station WMVY (FM), Channel 204, 88.7MHz, Edgartown, MA. This modification is to change the antenna pattern to better serve the Martha's Vineyard community and to slightly increase the peak ERP of the station from 12kW to 13kW. The modified antenna will be located at the same tower and at the same height as the currently approved construction permit for WMVY.

ALLOCATION

The proposed operation will utilize a directional antenna and will meet all contour protection requirements toward other stations. The directional antenna pattern is shown as Exhibit 17. The allocation study attached as Exhibit 18 indicates that three facilities are close enough to warrant close examination, WJMF (FM), WPMW (FM), and WYZX (FM). Those maps are attached as Exhibits 18.1 through 18.3. It is noted that all contours to and from each facility noted has been computed using 3 second terrain data. Each is discussed in detail below:

WJMF- As shown in exhibit 18.1 and 18.1A, the proposed directional antenna for WMVY (204) will protect co-channel WJMF (204), both the licensed and CP facilities. Although it is noted that there is some incoming overlap of the WJMF 50/10 40dBu contour to the WMVY Proposed 50/50 60dBu contour, that overlap is entirely over water. Note that all contours are shown using NED 03 second terrain.

It should also be noted that the shoreline of the island of Martha's Vineyard has been revised based upon recent Google Earth map evaluation. Over recent years there has been significant erosion of the shoreline. Based upon the revised shoreline map, there is no place where the WJMF (LIC) f 50/10 40dBu contour overlaps the WMVY 60dBu contour on land. A Google Earth photo is attached for reference as Exhibit 18.1B.

WPMW – As shown in exhibit 18.2, the proposed directional antenna for WMVY (204) will protect first adjacent station WPMW (203).

WYZX - As demonstrated in exhibit 18.3, there is no prohibited overlap to/from 2nd adjacent WYZX from the proposed WMVY facility and it is not necessary to protect this station with a directional antenna.

The proposed facility is not within 320km of any common border between the US and Mexico or Canada.

Exhibit 16 indicates that the proposed 60dBu noncommercial station's contour will completely encompass the Edgartown, MA. Community of License.

The main studio for WMVY will continue to satisfy 73.1125 concerning Main Studio location. The main studio is located at 57 Carrolls Way, Tisbury, MA. 02568 which is inside the proposed WMVY 70dBu contour.

§73.316(b)(2) Compliance

Compliance with §73.316(b)(2) has been interpreted, in recent years, to require directional antennas that do not exceed 2dB change per 10 degrees of azimuth in arcs that require directional antenna protection to prevent prohibited overlaps. Directional antennas which exceed 2dB/10degree have been approved when they were employed to enhance coverage, not to protect other stations.

The antenna pattern proposed for WMVY in the instant application exceeds the 2dB/10deg of azimuth between the 230 degree and 260 degree azimuths (non-rotated). This change in the pattern from the currently approved pattern is solely to enhance coverage. There are no protections to or from other stations along these azimuths which would otherwise require the use of a directional antenna.

To determine the “arc-of-protection” in this application, all protected and interfering contours were plotted, using a non-directional antenna for WMVY - for test purposes only. Using this non-directional “test” antenna, it was determined that between the azimuths from approximately 0 deg to 270deg T there are no required protections using 13kW non-directional at 48m AGL.

At approximately 270deg T, clockwise from 0 deg T the first required protection is noted; incoming co-channel 50/10 40dBu interfering contour from WJMF. Between the azimuths of 230-260deg T the antenna pattern transitions from 0dB attenuation at 230deg to 9.8dB attenuation at 260deg and is 11.3dB (1.5dB change) at 270 deg. From 260deg to 0 deg T (clockwise) the directional antenna pattern is fully compliant with §73.316(b)(2). A map for reference showing the non-directional and directional contours over the 230 to 260 degree arc is shown as Exhibit 17.1

TV CHANNEL 6 PROTECTION

There are no full power channel 6 TV stations currently licensed to operate within 235km of the WMVY transmitter site.

ENVIRONMENTAL CONSIDERATIONS

The proposed antenna will be attached to an existing tower. The tower is owned by American Tower Corporation (ASR 1004416).

The attachment of the proposed antenna for WMVY will not alter the existing proposed tower structure for purposes of the Nationwide Programmatic Agreement and the NHPA Section 106. There are two other non-excluded RF sources located on or near the tower supporting the proposed WMVY antenna. WCAI (FM) operating with 12,500 watts using a circularly polarized Dielectric DCR H4E 50P 4-bay half-wave spaced antenna at 41m HAGL (based upon the WCAI 302 application BLED - 20131220HAX). WCAI generates 13.6 $\mu\text{W}/\text{cm}^2$ or 6.8% of the permitted 200 $\mu\text{W}/\text{cm}^2$ limit for uncontrolled exposure.

WBUA (FM) operates with 3,000 watts using a circularly polarized Harris FML-3E, 3-bay full wave spaced antenna at 61m HAGL (based upon the WBUA 302-FM BMLD - 20121127AZC). WBUA generates 6.03 $\mu\text{W}/\text{cm}^2$ or 3% of the permitted 200 $\mu\text{W}/\text{cm}^2$ limit for uncontrolled exposure.

The proposed WMVY (FM) antenna will operate at a maximum power level of 13kW and will operate at 48m AGL. WMVY proposes to operate with a 4-bay, half-wave spaced antenna. Based upon the FCC "FM Model for Windows" Power Density vs. Distance calculator using a "ERI or Jampro rototiller (EPA)" type antenna setting, the maximum power density at 2m AGL is expected to be 10.3 $\mu\text{W}/\text{cm}^2$ or 5.15% of the permitted 200 $\mu\text{W}/\text{cm}^2$ limit for uncontrolled exposure. The output of the FCC program "FM Model for Windows" is shown as figure 19. There are no tall buildings within 1,000m of the proposed tower.

Adding the calculated WCAI (FM), WBUA (FM) and Proposed WMVY (FM) antennas, the maximum power densities equal a total of 29.9 $\mu\text{W}/\text{cm}^2$ or 14.97% of the permitted 200 $\mu\text{W}/\text{cm}^2$ limit for uncontrolled exposure. Based upon the preceding evaluation, the proposed WMVY antenna will not cause the RF density at the tower site to exceed public exposure limits and is excluded from further Environmental Assessment under 47CFR 1.1306 and 1.1307.

Radio station WMVY (FM) along with other users at the site will maintain an occupational safety policy and agrees to reduce power or cease operation during periods of maintenance to avoid potentially harmful exposure of personnel to non-ionizing RF radiation.

Respectfully Submitted



Bert Goldman
Technical Consultant

EXHIBIT 17

WMVY PROP ANTENNA PATTERN Pre-Rotation Antenna Pattern...

Azimuth (deg)	Relative Field
0.0	1.0
10.0	1.0
20.0	1.0
30.0	1.0
40.0	1.0
50.0	1.0
60.0	1.0
70.0	1.0
80.0	1.0
90.0	1.0
100.0	1.0
110.0	1.0
120.0	1.0
130.0	1.0
140.0	1.0
150.0	1.0
160.0	1.0
170.0	1.0
180.0	1.0
190.0	1.0
200.0	1.0
210.0	1.0
220.0	1.0
230.0	1.0
240.0	0.75
250.0	0.501
260.0	0.322
270.0	0.272
280.0	0.218
290.0	0.23
300.0	0.288
310.0	0.363
320.0	0.457
330.0	0.575
340.0	0.724
350.0	0.912

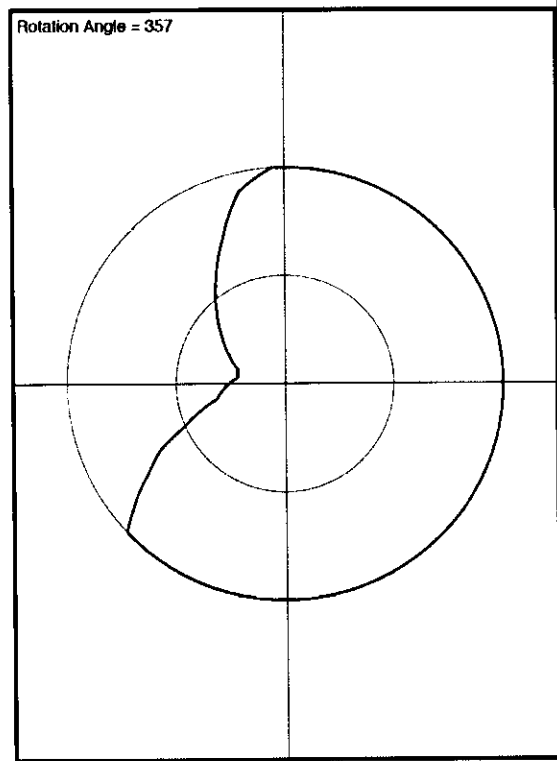


EXHIBIT 17.1- Comparison of ND vs DA 230deg - 260deg

WMVY Proposed Contours to WJMF (CP) and Reference ND Contours

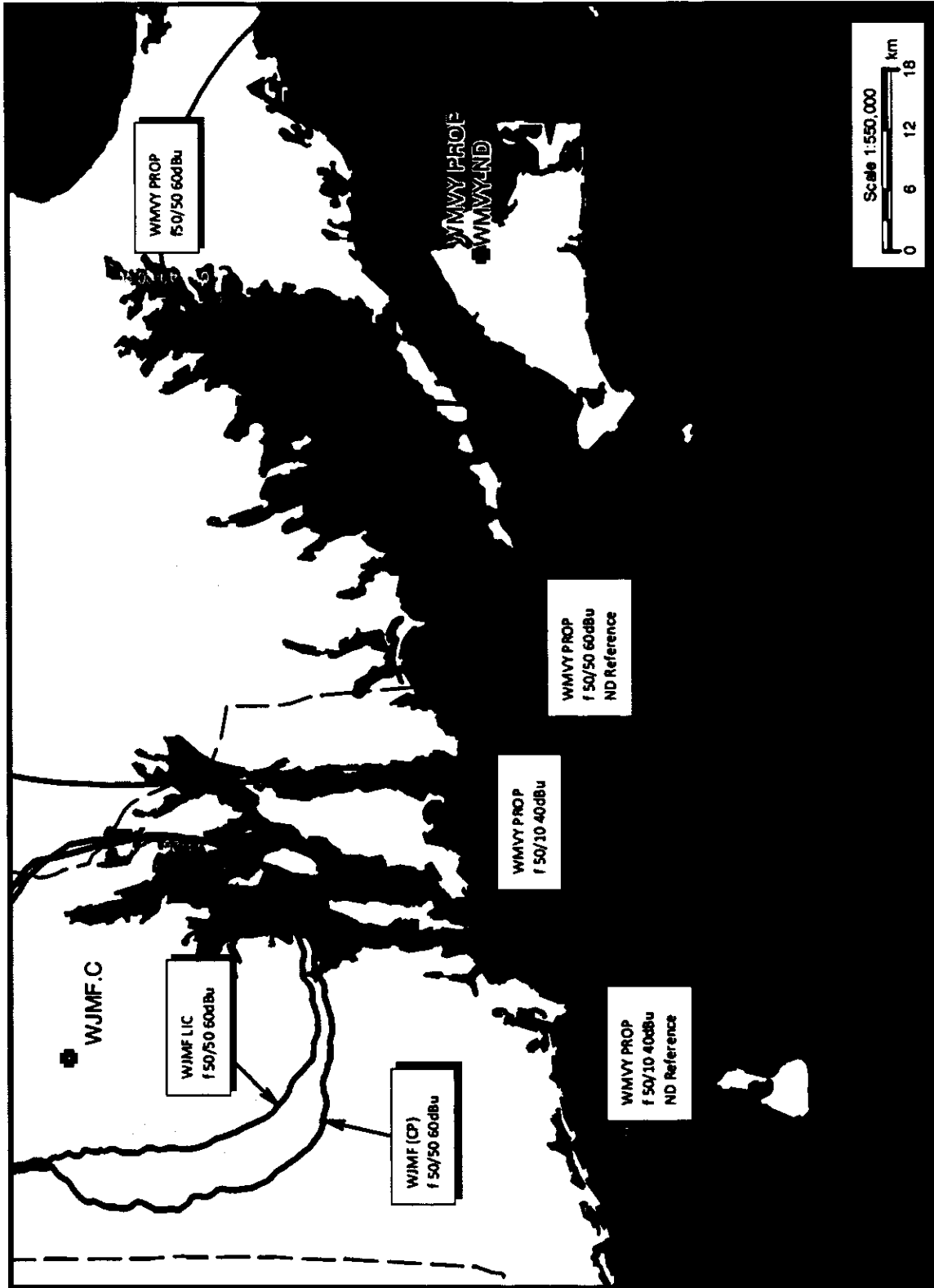


EXHIBIT 16 Community Coverage, WMVY (FM), Edgartown, MA.

WMVY CP MOD Proposed Community Coverage



EXHIBIT 18 Allocation Study

ComStudy 2.2 search of channel 204 (88.7 MHz Class A) at 41-26-16.0 N, 70-36-50.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WJMF	SMITHFIELD	RI	204	A	88.51	143.00	297.7	-2.97 dB See Exhibit 18.1
WJMF	SMITHFIELD	RI	204	A	88.51	143.00	297.7	-2.85 dB See Exhibit 18.1
WPMW	BAYVIEW	MA	203	A	37.09	96.00	307.4	-2.11 dB See Exhibit 18.2
WYZX	EAST FALMOUTH	MA	202	B1	34.73	50.00	38.3	0.05 dB See Exhibit 18.3
WUMD	NORTH DARTMOUTH	MA	207	B1	39.03	50.00	303.1	1.95 dB
WRRS	MIDDLEBOROUGH CENTER	MA	203	A	55.10	96.00	335.5	2.12 dB
WRRS	MIDDLEBOROUGH CENTER	MA	203	A	60.26	96.00	333.8	4.71 dB
WFHL	NEW BEDFORD	MA	201	A	30.92	48.00	316.0	5.79 dB
WEER	MONTAUK	NY	204	A	122.76	143.00	248.8	6.63 dB
WERS	BOSTON	MA	205	B1	108.02	114.00	340.3	8.69 dB
WSEW	SANFORD	ME	204	B	220.51	211.00	356.1	15.21 dB
WBUH	BREWSTER	MA	206	B	71.04	71.00	47.5	16.07 dB
WUMV	MILFORD	NH	204	A	180.31	143.00	329.7	16.20 dB
WFCR	AMHERST	MA	203	B	181.99	145.00	305.1	20.98 dB
WFCR	AMHERST	MA	203	B	181.99	145.00	305.1	21.32 dB
WQRI	BRISTOL	RI	202	A	58.72	48.00	293.8	24.89 dB
WRPS	ROCKLAND	MA	202	A	80.72	48.00	342.0	24.55 dB
WNHU	WEST HAVEN	CT	204	A	197.07	143.00	266.0	24.53 dB
WELH	PROVIDENCE	RI	201	A	74.93	48.00	308.8	28.40 dB
WJMJ	HARTFORD	CT	205	B1	201.54	114.00	280.8	30.05 dB
WVBA	BRATTLEBORO	VT	205	B1	225.35	114.00	314.1	32.35 dB
WMBR	CAMBRIDGE	MA	201	A	109.79	48.00	339.4	34.57 dB
WGAO	FRANKLIN	MA	202	A	97.12	48.00	318.2	35.45 dB
WCDV-LP	LYNN	MA	207	LP100	117.57	46.00	346.7	35.17 dB
WRHU	HEMPSTEAD	NY	204	A	263.66	143.00	253.3	35.71 dB
WPKT	NORWICH	CT	206	B1	130.11	50.00	274.5	37.78 dB
WBMT	BOXFORD	MA	202	A	135.47	48.00	347.4	38.65 dB
WRKJ	WESTBROOK	ME	203	A	249.90	96.00	1.9	39.15 dB

*CDBS Database accurate as of 1/6/2015

EXHIBIT 18.1 – Contours to WJMF

WMVY PROPOSED Revised Antenna Pattern vs WJMF CP and LIC

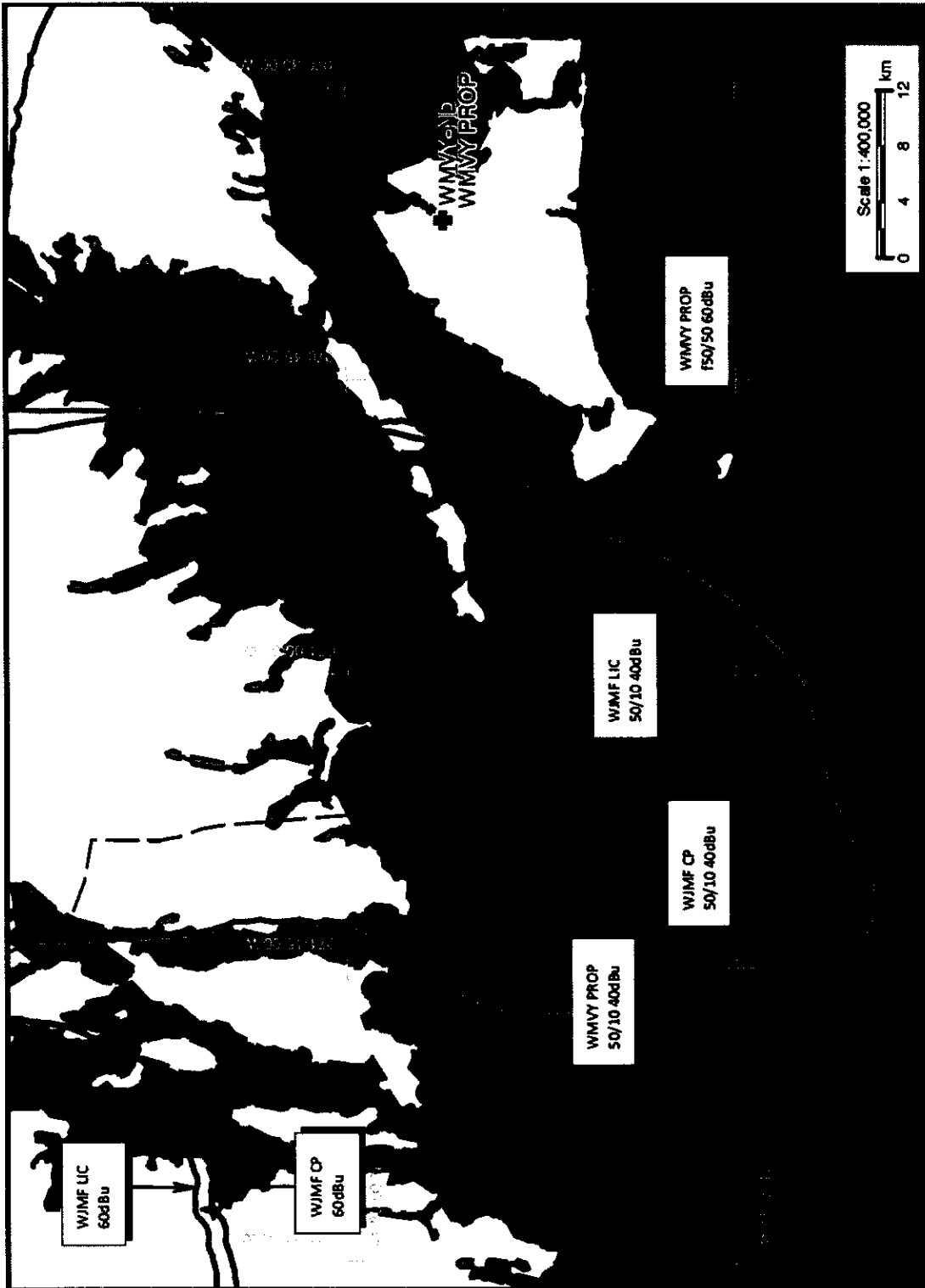


EXHIBIT 18.1A- Contours to WJMF- Close

WMVY Proposed Contours to WJMF (CP) Close-in (3sec Terrain)

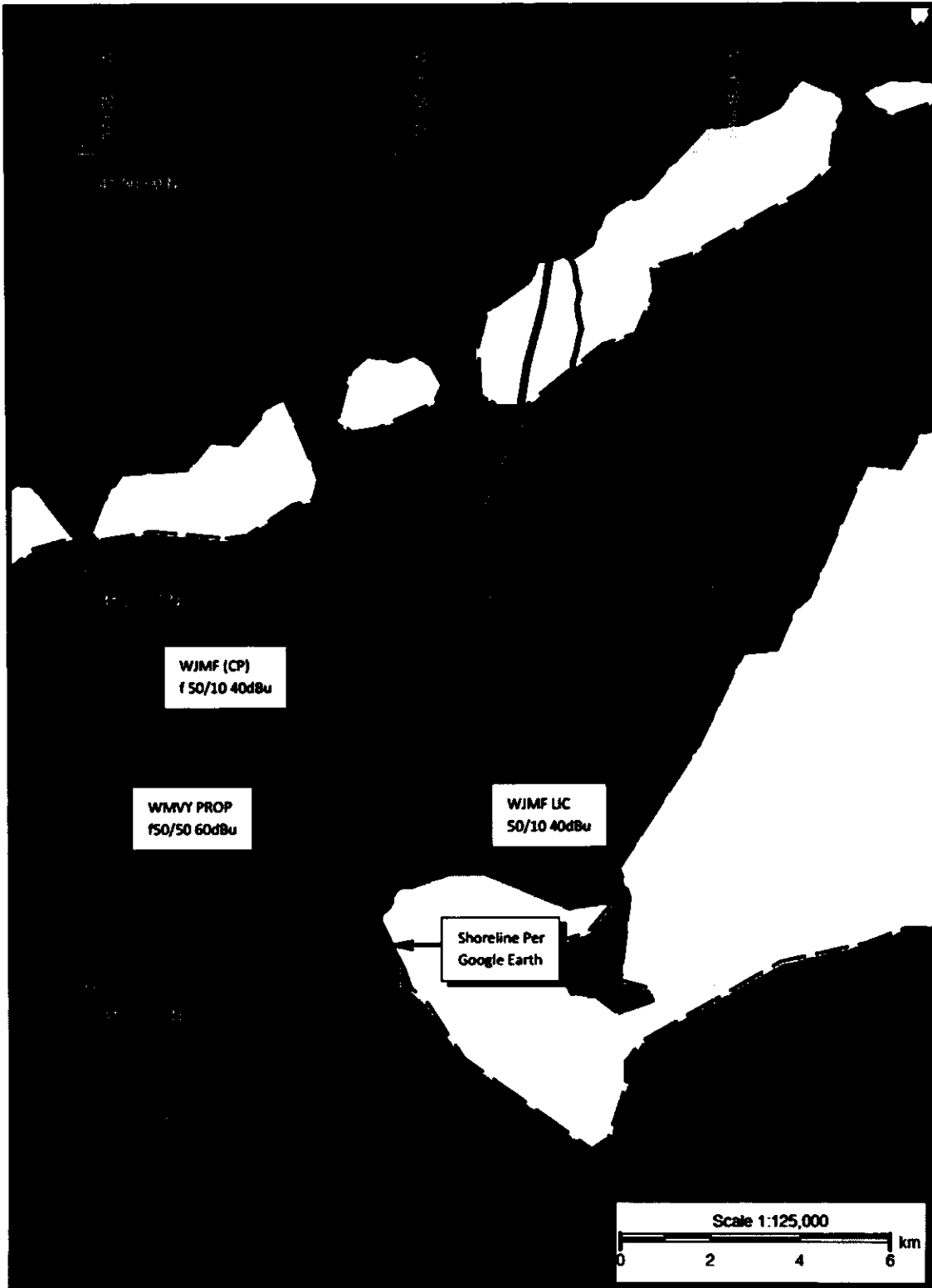


EXHIBIT 18.1B- Google Earth Shoreline Reference

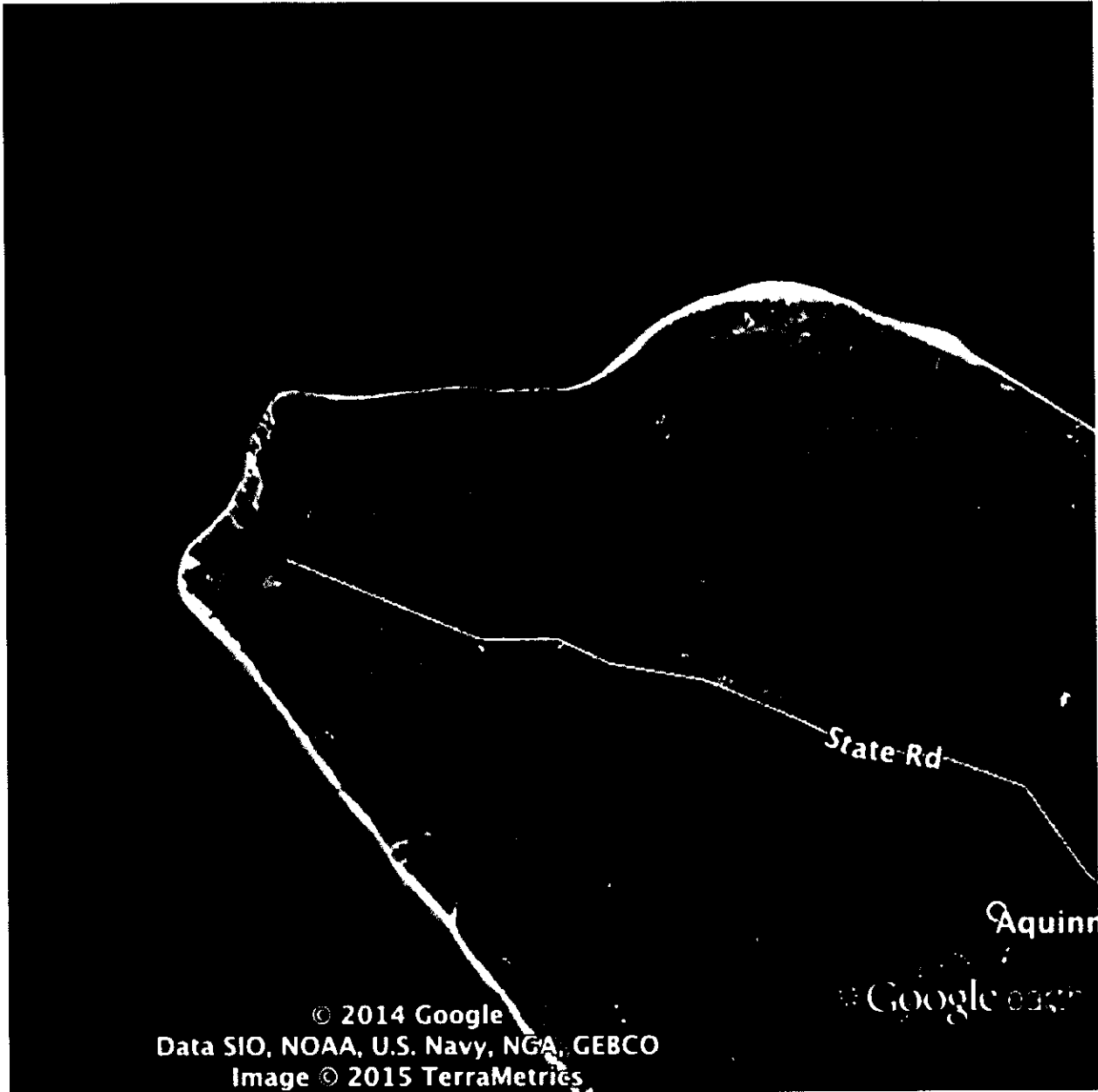


EXHIBIT 18.2- Contour Protection to/from WPMW

WMVY Proposed Contours to WPMW

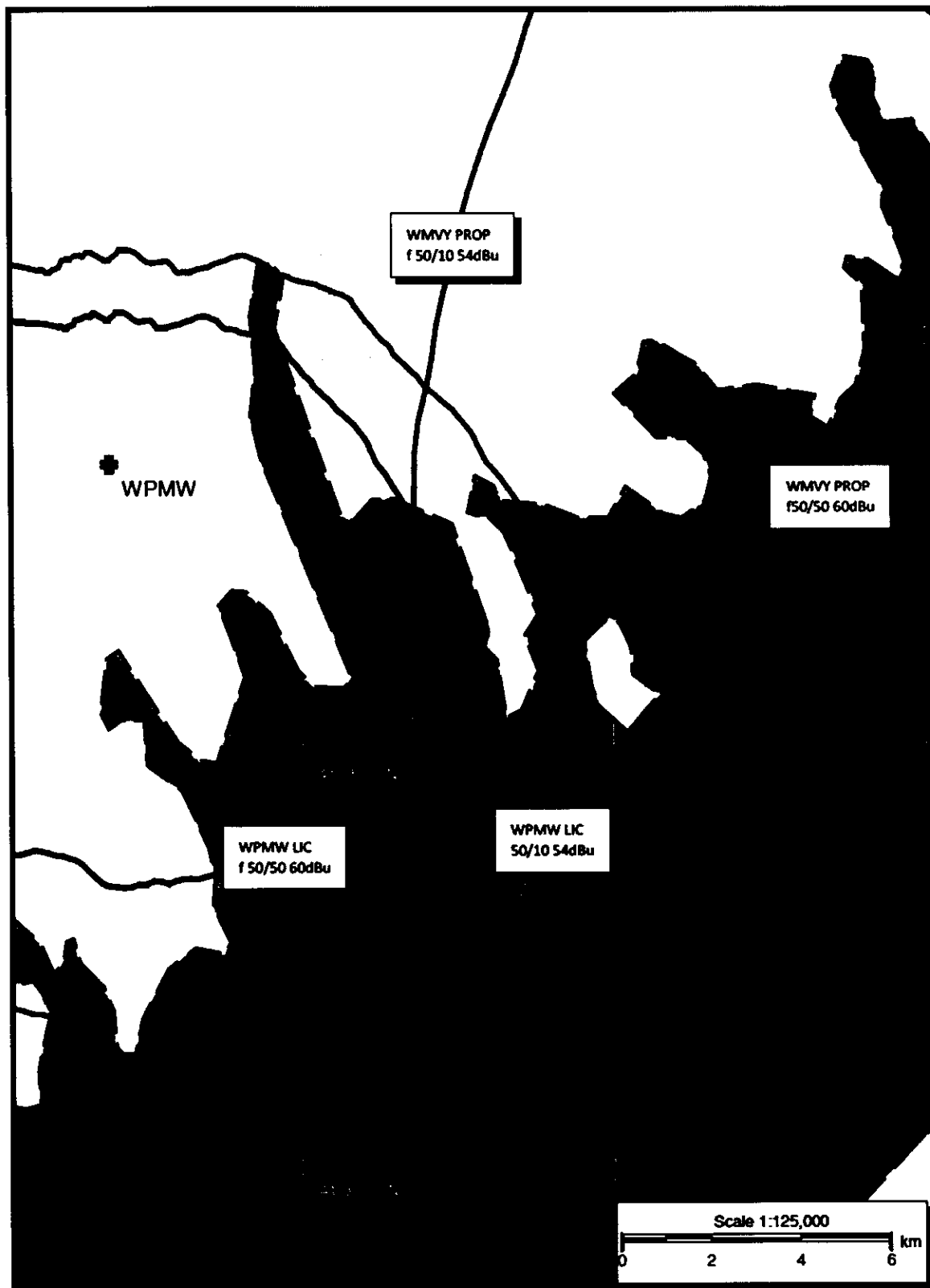
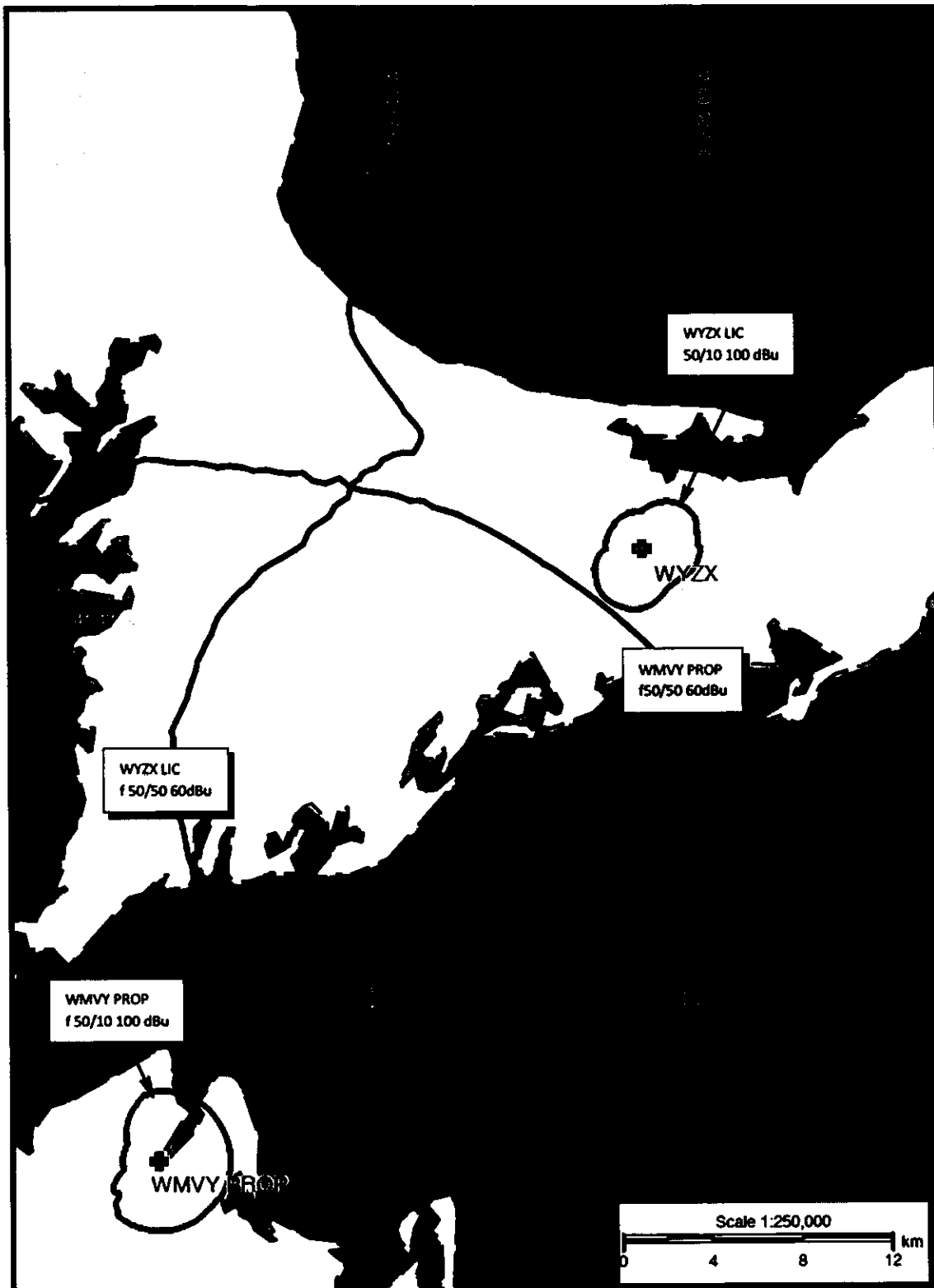


EXHIBIT 18.3- Contour Protection to/from WYZX

WMVY Proposed Contours to WYZX



Federal Communications Commission

FCC MB - CDBS Electronic Filing
Account number: 922778

Description: WMVY CP MOD FOR 13KW- NEW DA PATTERN
Application Reference Number: 20150122AAW
Successfully filed at Jan 22 2015 3:13PM

Based on the information supplied, no fee is required.

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WMVY Community Coverage, Measured Antenna Pattern

