

Federal Communications Commission Washington, D.C. 20554 <p style="text-align: center;">FCC 349</p>	Approved by OMB 3060-0405 (October 2009) FOR FCC USE ONLY
<p>APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN AN FM TRANSLATOR OR FM BOOSTER STATION</p> <p>Read INSTRUCTIONS Before Filling Out Form</p>	FOR COMMISSION USE ONLY FILE NO. BNPFTB - 20151203ACB

Section I - General Information

1.	Legal Name of the Applicant SOUTHERN CALIFORNIA PUBLIC RADIO Mailing Address 480 CEDAR STREET <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:45%;">City ST. PAUL</td> <td style="width:30%;">State or Country (if foreign address) MN</td> <td style="width:25%;">ZIP Code 55101 -</td> </tr> <tr> <td>Telephone Number (include area code) 6512901259</td> <td colspan="2">E-Mail Address (if available) FCCFILING@MPR.ORG</td> </tr> <tr> <td>FCC Registration Number: 0005089438</td> <td>Call Sign</td> <td>Facility Identifier 198713</td> </tr> </table>	City ST. PAUL	State or Country (if foreign address) MN	ZIP Code 55101 -	Telephone Number (include area code) 6512901259	E-Mail Address (if available) FCCFILING@MPR.ORG		FCC Registration Number: 0005089438	Call Sign	Facility Identifier 198713
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Telephone Number (include area code) 6512901259	E-Mail Address (if available) FCCFILING@MPR.ORG									
FCC Registration Number: 0005089438	Call Sign	Facility Identifier 198713								
2.	Contact Representative (if other than Applicant) MELODIE VIRTUE Mailing Address 1000 POTOMAC STREET NW 5TH FLOOR, FLOUR MILL BUILDING <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">City WASHINGTON</td> <td style="width:20%;">State or Country (if foreign address) DC</td> <td style="width:50%;">ZIP Code 20007 -</td> </tr> <tr> <td>Telephone Number (include area code) 2022982527</td> <td colspan="2">E-Mail Address (if available) MVIRTUE@GSBLAW.COM</td> </tr> </table>	City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20007 -	Telephone Number (include area code) 2022982527	E-Mail Address (if available) MVIRTUE@GSBLAW.COM				
City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20007 -								
Telephone Number (include area code) 2022982527	E-Mail Address (if available) MVIRTUE@GSBLAW.COM									
3.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required)									
4.	Facility information: a. <input type="radio"/> FM Translator <input checked="" type="radio"/> FM Booster b. Community or communities to which the proposed facility will be licensed: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Community(ies)</th> <th style="width:40%;">State</th> </tr> </thead> <tbody> <tr> <td>VENTURA</td> <td>CA</td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Community(ies)	State	VENTURA	CA					
Community(ies)	State									
VENTURA	CA									
5.	<p>Application Purpose</p> <table style="width:100%;"> <tr> <td style="width:50%; vertical-align: top;"> <input checked="" type="radio"/> New station <input type="radio"/> Major Change in licensed facility <input type="radio"/> Minor Change in licensed facility </td> <td style="width:50%; vertical-align: top;"> <input type="radio"/> Major Modification of construction permit <input type="radio"/> Minor Modification of construction permit <input type="radio"/> Major Amendment to pending application <input type="radio"/> Minor Amendment to pending application </td> </tr> </table> <p>a. File number of original construction permit: _____</p> <p>If an amendment, submit as an Exhibit a listing by Section and Question Number the portions of the pending application that are being revised. [Exhibit 1]</p>	<input checked="" type="radio"/> New station <input type="radio"/> Major Change in licensed facility <input type="radio"/> Minor Change in licensed facility	<input type="radio"/> Major Modification of construction permit <input type="radio"/> Minor Modification of construction permit <input type="radio"/> Major Amendment to pending application <input type="radio"/> Minor Amendment to pending application							
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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. See General Instruction J.

Section II - Legal

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	<input checked="" type="radio"/> Yes <input type="radio"/> No
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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.		
2. Applicant is:		
<input type="radio"/> an individual	<input type="radio"/> a general partnership	<input type="radio"/> a for-profit corporation
<input type="radio"/> a limited partnership	<input checked="" type="radio"/> a not-for-profit corporation	<input type="radio"/> a limited liability company (LLC/LC)
<input type="radio"/> other		
a. If "other", describe nature of applicant in an Exhibit.		[Exhibit 2]
3. a. Applicant certifies that it is not the licensee or permittee of the commercial primary station being rebroadcast and that neither it nor any parties to the application have any interest in or connection with the commercial primary station being rebroadcast. See 47 C.F.R. Section 74.1232(d).		<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 3]
b. Applicant certifies that the FM translator's (a) coverage contour does not extend beyond the protected contour of the commercial FM primary station to be rebroadcast, or (b) entire 60 dBu contour is contained within the lesser of: (i) the 2 mV/m daytime contour of the AM primary station to be rebroadcast, or (ii) a 25-mile radius centered at the AM primary station's transmitter site.		<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 4]
NOTE: If No to a. and b., and no waiver has been requested in an Exhibit, this application is unacceptable for filing. See 47 C.F.R. Section 74.1232(d). If Yes to (a) and No to (b) applicant is prohibited from receiving any support, before or after construction, either directly or indirectly from the commercial primary station being rebroadcast or from any person or entity having any interest whatsoever, or any connection with the primary FM station. Interested and connected parties include group owners, corporate parents, shareholders, officers, directors, employees, general and limited partners, family members and business associates. See 47 C.F.R. Section 74.1232(e).		
4. The applicant, if for a commercial FM translator station with a coverage contour extending beyond the protected contour of the commercial primary station being rebroadcast, certifies that it has not received any support, before or after constructing, directly or indirectly, from the licensee/permittee of the primary station or any person with an interest in or connection with the licensee or permittee of the primary station, except for technical assistance as provided for under 47 C.F.R. Section 74.1232(e).		<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 5]
5. For applicants proposing translator rebroadcasts that are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted. If No, this application is unacceptable for filing.		<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A
6. Character Issues. Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:		<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 6]
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 b. any pending broadcast application in which character issues have been raised.		
7. 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 the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.		<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 7]
If the answer is "No," attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of 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 date of filing; and (ii) the disposition of the previously reported matter.		
8. 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.		<input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in

		[Exhibit 8]
9.	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.	<input checked="" type="radio"/> Yes <input type="radio"/> No
10.	Local Public Notice. Applicant certifies compliance with the public notice requirements of 47 C.F.R. Section 73.3580.	<input checked="" type="radio"/> Yes <input type="radio"/> No
11.	Auction Authorization. If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable. An exhibit is required unless this question is inapplicable.	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 9]
12.	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.	<input checked="" type="radio"/> Yes <input type="radio"/> No
13.	Equal Employment Opportunity (EEO). If the applicant proposes to employ five or more 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"/> Yes <input type="radio"/> No <input type="radio"/> N/A

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 THOMAS WILLIAM DAVIS	Typed or Printed Title of Person Signing PRESIDENT
Signature	Date 12/3/2015

SECTION III - PREPARER'S CERTIFICATION

I certify that I have prepared Section III (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 FRED W. VOLKEN	Relationship to Applicant (e.g., Consulting Engineer) CONSULTANT	
Signature	Date 11/28/2015	
Mailing Address 348 W. SIERRA MADRE BLVD.		
City SIERRA MADRE	State or Country (if foreign address) CA	Zip Code 91024 -
Telephone Number (include area code) 6263551171	E-Mail Address (if available) FRED.VOLKEN@VERIZON.NET	

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).

Unable to find table

Section III-A - Engineering
TECHNICAL SPECIFICATIONS
Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.
TECH BOX

1. Channel: 208

2. Primary Station:

Facility ID Number	Call Sign	City	State
60140	KJAI	OJAI	CA

3. Delivery Method (Select One):
 Off-air Microwave Satellite Via Other

4. Antenna Location Coordinates: (NAD 27)

Latitude:
 Degrees 34 Minutes 17 Seconds 47 North South

Longitude:
 Degrees 119 Minutes 16 Seconds 21 West East

5. Antenna Structure Registration Number: 1014800
 Not Applicable Notification filed with FAA

6. Antenna Location Site Elevation Above Mean Sea Level: 352 meters

7. Overall Tower Height Above Ground Level: 63 meters

8. Height of Radiation Center Above Ground Level: 32 meters(H) 32 meters(V)

9. Effective Radiated Power: 0.005 kW(H) 0.005 kW(V)

10. Transmitting Antenna:

Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under [CDBS Public Access](http://licensing.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm) (http://licensing.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.

Nondirectional Directional Off-the Shelf Directional composite

Manufacturer SCA Model 2XCA2-FM/CP

Rotation: 222 degrees No Rotation

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0	1	10	0.976	20	0.909	30	0.804	40	0.673	50	0.512
60	0.327	70	0.143	80	0.031	90	0.03	100	0.03	110	0.03
120	0.03	130	0.03	140	0.03	150	0.03	160	0.03	170	0.03
180	0.03	190	0.03	200	0.03	210	0.03	220	0.03	230	0.03
240	0.03	250	0.03	260	0.03	270	0.03	280	0.031	290	0.143
300	0.327	310	0.512	320	0.673	330	0.804	340	0.909	350	0.976
Additional Azimuths		5	0.99	15	0.946		0.946		0.99		

[Relative Field Polar Plot](#)

11. **For FM Boosters and Fill-in translators only.**

a. **FM Fill-in translators.** Applicant certifies that the FM translator's (a) coverage contour does not extend beyond the protected contour of the commercial FM primary station to be rebroadcast, or (b) entire 60 dBu contour is contained within the lesser of: (i) the 2 mV/m daytime contour of the AM primary station to be rebroadcast, or (ii) a 25-mile radius centered at the AM primary station's transmitter site. Yes No N/A

See Explanation in [Exhibit 10]

b. **FM Boosters.** Applicant certifies that the FM Booster station's service contour is entirely within the primary station's protected coverage contour. Yes No N/A

See Explanation in [Exhibit 11]

12. **Interference.** The proposed facility complies with all of the following applicable rule sections. Check all that apply: Yes No

See Explanation in [Exhibit 12]

Overlap Requirements.

a) 47 C.F.R. Section 74.1204 [Exhibit 13]

Exhibit Required.

	<p>Television Channel 6 Protection. <input type="checkbox"/> b) 47 C.F.R. Section 74.1205 with respect to station(s) Exhibit Required.</p>	<p>[Exhibit 14]</p>
13.	<p>Unattended operation. Applicant certifies that unattended operation is not proposed, or if this application proposes unattended operation, the applicant certifies that it will comply with the requirements of 47 C.F.R. Section 74.1234.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 15]</p>
14.	<p>Multiple Translators. Applicant certifies that it does not have any interest in an application or an authorization for an FM translator station that serves substantially the same area and rebroadcasts the same signal as the proposed FM translator station.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 16]</p>
15.	<p>Environmental Protection Act. Applicant certifies that 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 Appendix A, an Exhibit is required.</p> <p>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.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 17]</p>
<p>PREPARER'S CERTIFICATION ON PAGE 4 MUST BE COMPLETED AND SIGNED.</p>		

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

<p>Preliminary Matter: Does this application provide fill-in service only?</p>		<p><input type="radio"/> Yes <input type="radio"/> No</p>
1.	<p>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.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
2.	<p>Diversity of Ownership: Applicant certifies that the principal community (city grade) contour of the proposed station does not overlap the principal community contour of any other authorized radio station (including AM, FM, and non-fill-in FM translator stations, commercial or noncommercial) 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 qualification in a local public inspection file and has submitted to the Commission copies of the documentation.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
3.	<p>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.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
4.	<p>Technical Parameters: Applicant certifies that the numbers in the boxes below accurately reflect the new (increased) area and population that its proposal would serve with a 60 dBu signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c) 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 the station's existing service area). (Points, if any, will be determined by FCC)</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p>
<p>New (increased) area served in square kilometers (excluding areas of water):</p>		
<p>Population served based on the most recent census block data from the United States Bureau of Census using the centroid method:</p>		
<p>Tie Breakers</p>		
5.	<p>Existing Authorizations. a. By placing a number in the box, the applicant certifies that it and any persons and organizations with attributable interests in the applicant pursuant to 47 C.F.R. Section 73.3555 have, as of the date filing, existing authorizations for the following number of relevant broadcast stations. FM translator applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial and FM translator stations other than fill-in stations.</p>	

(number of attributable commercial and non-commercial licenses and construction permits)

b. (Fill-in Applicants Only.) By placing a number in the box, the applicant certifies that, in addition to the station identified in 5(a), it and any persons and organizations with attributable interests in the applicant pursuant to 47 C.F.R. Section 73.3555 have, as of the date filing, existing authorizations for the following number of FM translators.

6. **Pending Applications.** a. By placing a number in the box, the applicant certifies that it and any persons and organizations with attributable interests in the applicant pursuant to 47 C.F.R. Section 73.3555 have, as of the date filing, pending applications for new or major changes to the following number of relevant broadcast stations, AM and FM, commercial and non-commercial and FM translator stations other than fill-in stations.

(number of attributable commercial and non-commercial applications)

b. (Fill-in Applicants Only.) By placing a number in the box, the applicant certifies that, in addition to the station identified in 5(a), it and any persons and organizations with attributable interests in the applicant pursuant to 47 C.F.R. Section 73.3555 have, as of the date of filing, existing authorizations for the following number of FM translators.

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 THOMAS WILLIAM DAVIS	Typed or Printed Title of Person Signing PRESIDENT
Signature	Date 12/3/2015

Exhibits

Exhibit 11

Description: EXHIBIT 11

SERVICE FROM PROPOSED FM BOOSTER

FIGURE 1 OF THIS EXHIBIT SHOWS THAT OVER LAND AREAS THE 60 DBU (1 MV/M) CONTOUR FOR THE PROPOSED FM BOOSTER FALLS ENTIRELY WITHIN THE PROTECTED 60 DBU CONTOUR FOR KJAI(FM), OJAI, CALIFORNIA.

Attachment 11

Description
EXHIBIT 11, FIGURE 1

Exhibit 13

Description: EXHIBIT 13

INTERFERENCE CONSIDERATIONS

THIS EXHIBIT CONSISTS OF THE FOLLOWING:

- TEXT AND TABLE A
- FIGURE 1, CO-CHANNEL INTERFERENCE CONSIDERATIONS
- FIGURE 2, FIRST ADJACENT CHANNEL INTERFERENCE CONSIDERATIONS

Attachment 13

Description
EXHIBIT 13

Exhibit 17**Description:** EXHIBIT 17

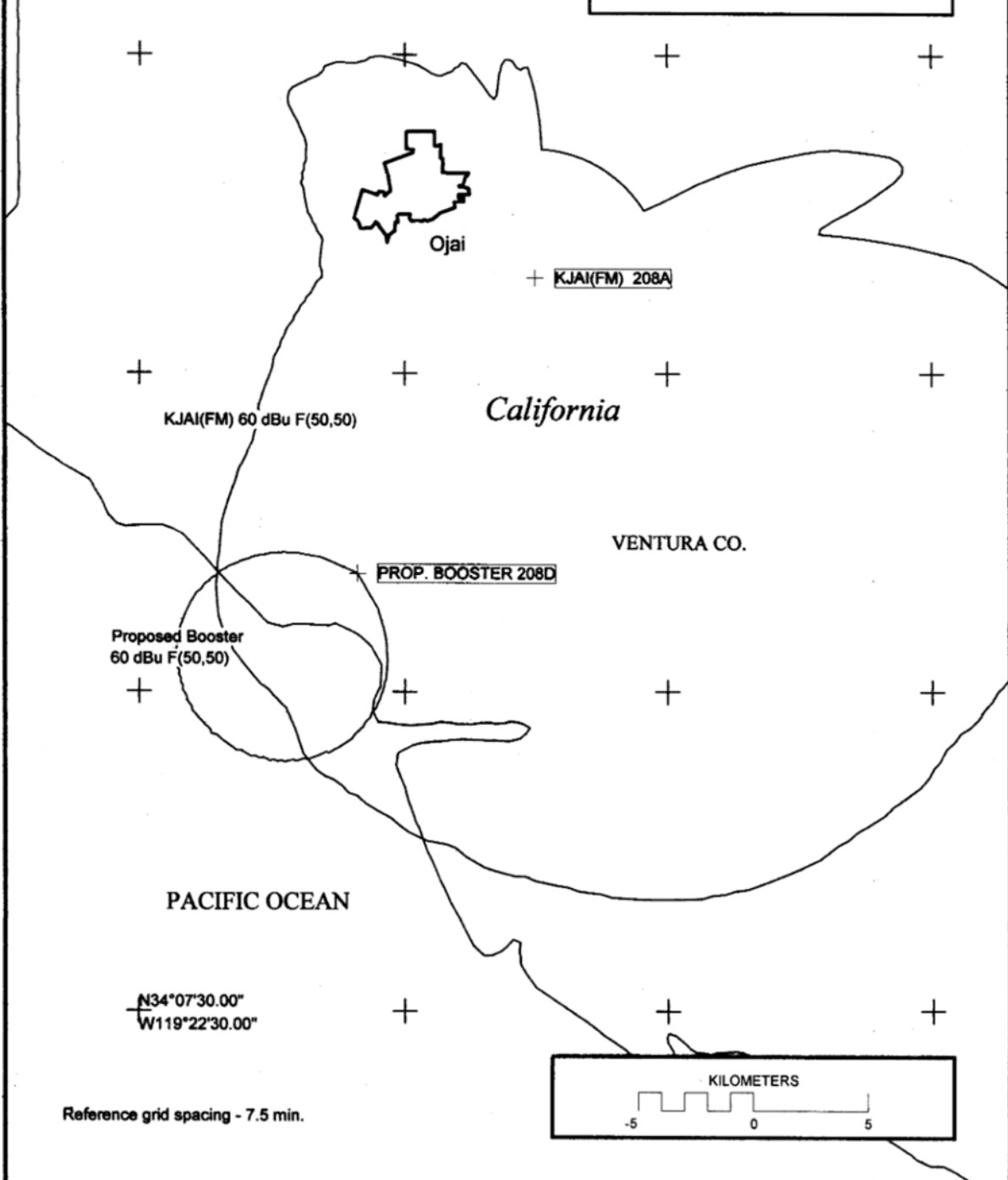
COMPLIANCE WITH ENVIRONMENTAL RULES

THE ANTENNA SYSTEM FOR THE PROPOSED FM BOOSTER WILL BE MOUNTED ON AN EXISTING SUPPORTING STRUCTURE. UNDER SECTION 1.1307(B) OF THE COMMISSION'S RULES, THE PROPOSED FM BOOSTER IS EXEMPT FROM ROUTINE EVALUATION WITH RESPECT TO RADIOFREQUENCY RADIATION BECAUSE THE EFFECTIVE RADIATED POWER DOES NOT EXCEED 100 WATTS. THE APPLICANT WILL OPERATE THE PROPOSED FM BOOSTER AT REDUCED POWER, OR TEMPORARILY CEASE OPERATION, AS MAY BE REQUIRED TO PROTECT ALL WORKERS FROM EXPOSURE TO HAZARDOUS LEVELS OF RADIOFREQUENCY RADIATION.

Attachment 17

EXHIBIT 11 (continued)
Service from Proposed FM Booster

FIGURE 1
FM Booster Service Area



Reference grid spacing - 7.5 min.

N34°07'30.00"
W119°22'30.00"

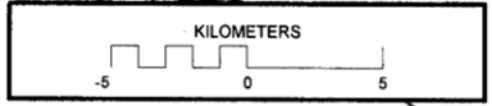


EXHIBIT 13

Interference Considerations

Introduction

This application is for a new FM booster station at Ventura, California, to be associated with KJAI(FM), Ojai, California, as the primary station. KJAI(FM) is licensed to operate on Channel 208A, with 0.097 kW effective radiated power, employing a directional antenna.

The geographical coordinates (NAD27) of the proposed FM booster station site are as follows:

North latitude: 34° 17' 47"

West longitude: 119° 16' 21".

At this location the elevation of the ground is 352 meters above mean sea level.

The operation of the proposed FM booster station on Channel 208D conforms with the requirements of Section 74.1204 of the Commission's Rules with respect to overlap of predicted contours with the licensed operation of any FM station, and the operation of any such facilities specified in a construction permit or pending application, on the same channel and the first adjacent channels, as shown in this Exhibit.

In order to minimize interference to the signal of KJAI(FM), the proposed FM booster station will operate in precise synchronization with the primary station. There would be no predicted interference from the proposed FM booster to KJAI(FM) in the city of Ojai.

Description of Directional Antenna System

The composite directional antenna system for the proposed FM booster station is comprised of two circularly polarized Scala Model CA2-FM/CP Antennas spaced 0.87 wavelength apart in the vertical plane, with both of the two-element Yagi antennas oriented to 222 degrees True from a common point of origin. Located 80 electrical degrees (0.222 wavelength) forward from the first antenna, the second antenna is driven with a phase difference of -112 degrees with respect to the first, and both antennas are fed to radiate the same maximum field. The antenna array will be side-mounted on an existing supporting structure, with the antenna radiation center located 32 meters above ground.

EXHIBIT 13 (continued)

Interference Considerations

The values of relative radiation for the horizontal radiation pattern for the proposed composite antenna array are tabulated in Item 10 of the Tech Box in Section III-A of FCC Form 349 for this application. This data was provided by the antenna manufacturer, Kathrein Inc., Scala Division, recently renamed Kathrein USA and now located in Richardson, Texas.

Allocation Study

The FM stations taken into account in the allocation study for this application are listed in Table A of this Exhibit.

Figure 1 of this Exhibit shows the pertinent predicted contours for the proposed FM booster station and the primary station, KJAI(FM); and co-channel station KSBX(FM), Santa Barbara, California, on Channel 208A.

The pertinent predicted contours for the proposed FM booster station and first-adjacent-channel station KPCC(FM), Pasadena, California, on Channel 207B, are shown in Figure 2 of this Exhibit.

It is clear from Figures 1 and 2 of this Exhibit that the proposed FM booster station would conform with the requirements of Section 74.1204 of the Commission's Rules.

The transmitting antenna for the proposed FM booster station and the transmitting antenna for the operation of FM Translator K210CH, Ventura, California, on Channel 210D, as authorized in construction permit File Number BMPFT-20150630ABB, would both be side-mounted on the same supporting tower, separated by a vertical distance of about 27 meters. Taking into account the vertical spacing between these transmitting antennas, and considering the respective levels of effective radiated power and the directional antenna radiation patterns, it is believed that there will not be any excessive spurious emissions resulting from interaction between the proposed FM booster and the authorized FM translator.

EXHIBIT 13 (continued)

Interference Considerations

The predicted contours shown in this Exhibit were determined in accordance with the requirements of Section 73.313 of the Commission's Rules, from computerized calculations based on the NGDC 30-second terrain database and Figures 1 and 1a of Section 73.333 of the Rules. Distances to contours were calculated at azimuthal increments of one degree.

November 2015

Fred W. Volken
Engineering Consultant

Sierra Madre, California

EXHIBIT 13 (continued)

Interference Considerations

TABLE A
Station Facilities

	Channel and Class	Station and Location, Status, File Number	Geographical Coordinates	Facilities	
				Effective Radiated Power and Antenna	Antenna Height Above Average Terrain (meters)
Co-Channel Stations	208D	Proposed FM booster, Ventura, CA	N 34° 17' 47" W 119° 16' 21"	0.005 kW Directional	-----
	208A	KJAI(FM), Ojai, CA License BLED-20030305AAI	N 34° 24' 45" W 119° 11' 16"	0.097 kW Directional	403
	208A	KSBX(FM), Santa Barbara, CA License BLED-20150218ABH	N 34° 27' 56" W 119° 40' 38"	0.050 kW Directional	276
First Adjacent Channel Station	207B	KPCC(FM), Pasadena, CA License BMLED-20090309ABE	N 34° 13' 36" W 118° 03' 58"	0.600 kW Nondirectional	891

EXHIBIT 13 (continued)
Interference Considerations
FIGURE 1
Co-Channel Interference Considerations

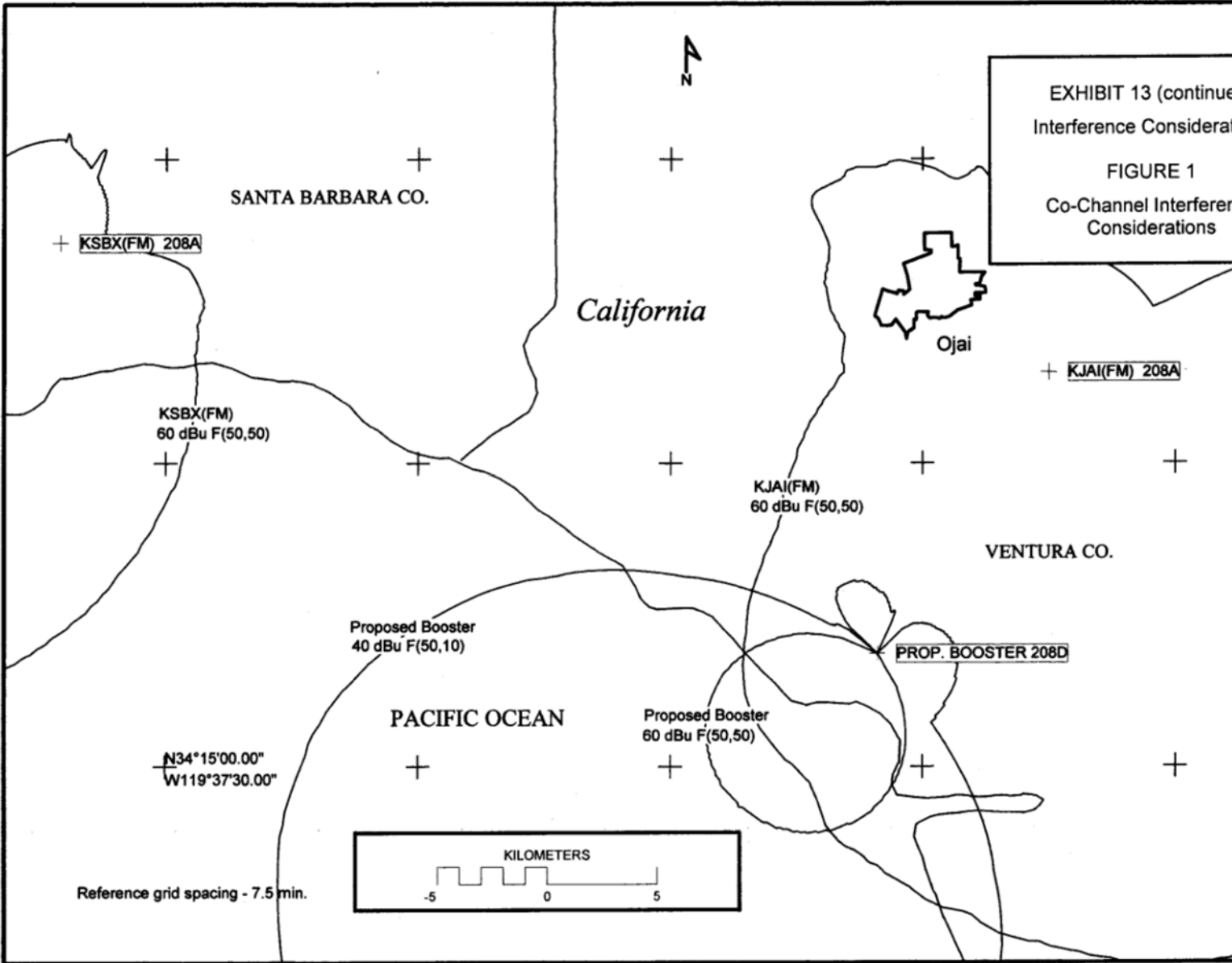


EXHIBIT 13 (continued)
Interference Considerat

FIGURE 2
First Adjacent Chann
Interference Considerat

