

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
APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN AN FM TRANSLATOR OR FM BOOSTER STATION Read INSTRUCTIONS Before Filling Out Form	FOR COMMISSION USE ONLY FILE NO. BPFT - 20141001AAF

Section I - General Information

1.	Legal Name of the Applicant RIVERBEND COMMUNICATIONS, LLC										
	Mailing Address 400 W. SUNNYSIDE ROAD										
	City IDAHO FALLS	State or Country (if foreign address) ID	ZIP Code 83402 -								
	Telephone Number (include area code) 2085233656	E-Mail Address (if available)									
	FCC Registration Number: 0014623656	Call Sign K290CE	Facility Identifier 142207								
2.	Contact Representative (if other than Applicant) SUSAN A. MARSHALL		Firm or Company Name FLETCHER HEALD & HILDRETH, P.L.C.								
	Mailing Address 1300 N. 17TH STREET 11TH FLOOR										
	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.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="checkbox"/> Governmental Entity <input type="checkbox"/> Noncommercial Educational Licensee/Permittee <input checked="" type="checkbox"/> Other NON FEE FILING <input type="checkbox"/> N/A (Fee Required)										
4.	Facility information: a. <input checked="" type="checkbox"/> FM Translator <input type="checkbox"/> 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:50%;">Community(ies)</th> <th style="width:50%;">State</th> </tr> </thead> <tbody> <tr> <td>POCATELLO</td> <td>ID</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>			Community(ies)	State	POCATELLO	ID				
Community(ies)	State										
POCATELLO	ID										
5.	Application Purpose <input type="checkbox"/> New station <input type="checkbox"/> Major Change in licensed facility <input type="checkbox"/> Minor Change in licensed facility <input type="checkbox"/> Major Modification of construction permit <input type="checkbox"/> Minor Modification of construction permit <input type="checkbox"/> Major Amendment to pending application <input checked="" type="checkbox"/> Minor Amendment to pending application a. File number of original construction permit:										

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

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.	<p>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.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>									
2.	<p>Applicant is:</p> <table border="1"> <tr> <td><input type="radio"/> an individual</td> <td><input type="radio"/> a general partnership</td> <td><input type="radio"/> a for-profit corporation</td> </tr> <tr> <td><input type="radio"/> a limited partnership</td> <td><input type="radio"/> a not-for-profit corporation</td> <td><input checked="" type="radio"/> a limited liability company (LLC/LC)</td> </tr> <tr> <td colspan="3"><input type="radio"/> other</td> </tr> </table> <p>a. If "other", describe nature of applicant in an Exhibit. [Exhibit 2]</p>	<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 type="radio"/> a not-for-profit corporation	<input checked="" type="radio"/> a limited liability company (LLC/LC)	<input type="radio"/> other			
<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 type="radio"/> a not-for-profit corporation	<input checked="" type="radio"/> a limited liability company (LLC/LC)									
<input type="radio"/> other											
3.	<p>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).</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 3]</p>									
	<p>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.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A See Explanation in [Exhibit 4]</p>									
<p>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).</p> <p>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).</p>											
4.	<p>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).</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A See Explanation in [Exhibit 5]</p>									
5.	<p>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.</p>	<p><input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A</p>									
6.	<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><input checked="" type="radio"/> Yes <input type="radio"/> No</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>See Explanation in [Exhibit 6]</p>
7.	<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 the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental 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 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.</p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>See Explanation in [Exhibit 7]</p>
8.	<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</p> <p>See Explanation in [Exhibit 8]</p>
9.	<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>
10.	<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>
11.	<p>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.</p> <p>An exhibit is required unless this question is inapplicable.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p> <p>See Explanation in [Exhibit 9]</p>
12.	<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>
13.	<p>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.</p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input checked="" type="radio"/> N/A</p>

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.)

<p>Typed or Printed Name of Person Signing STEVE POULSON</p>	<p>Typed or Printed Title of Person Signing GENERAL MANAGER</p>
<p>Signature</p>	<p>Date 10/20/2014</p>

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 GENE WISNIEWSKI	Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature	Date 10/20/2014	
Mailing Address 1472 EAST 3100 SOUTH		
City WENDELL	State or Country (if foreign address) ID	Zip Code 83355 -
Telephone Number (include area code) 2089440472	E-Mail Address (if available) GENEW2012@GMAIL.COM	

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).

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: 290		
2.	Primary Station:		
	Facility ID Number	Call Sign	City
	33447	KTHK	IDAHO FALLS
			State
			ID
3.	Delivery Method (Select One): <input checked="" type="radio"/> Off-air <input type="radio"/> Microwave <input type="radio"/> Satellite <input type="radio"/> Via <input type="radio"/> Other		
4.	Antenna Location Coordinates: (NAD 27)		
	Latitude:		
	Degrees 42 Minutes 55 Seconds 13 <input checked="" type="radio"/> North <input type="radio"/> South		
	Longitude:		
	Degrees 112 Minutes 20 Seconds 45 <input checked="" type="radio"/> West <input type="radio"/> East		
5.	Antenna Structure Registration Number: 1248120 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA		
6.	Antenna Location Site Elevation Above Mean Sea Level:	1901 meters	
7.	Overall Tower Height Above Ground Level:	110 meters	
8.	Height of Radiation Center Above Ground Level:	50 meters(H) 50 meters(V)	
9.	Effective Radiated Power:	0.25 kW(H) 0.25 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/cdb/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 PSI Model FML-1-DA

Rotation:degrees No Rotation

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0	1	10	1	20	1	30	1	40	1	50	1
60	1	70	1	80	1	90	1	100	1	110	1
120	1	130	0.633	140	0.494	150	0.445	160	0.394	170	0.302
180	0.361	190	0.326	200	0.314	210	0.324	220	0.397	230	0.486
240	0.581	250	0.776	260	0.859	270	1	280	1	290	1
300	1	310	1	320	1	330	1	340	1	350	1
Additional Azimuths											

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
- Overlap Requirements.**
 a) 47 C.F.R. Section 74.1204 [Exhibit 13]
Exhibit Required.
- Television Channel 6 Protection.**
 b) 47 C.F.R. Section 74.1205 with respect to station(s) [Exhibit 14]
Exhibit Required.
13. **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. Yes No
See Explanation in [Exhibit 15]
14. **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. Yes No
See Explanation in [Exhibit 16]
15. **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 Yes No
See Explanation in [Exhibit 17]

Exhibit is required.

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.

PREPARER'S CERTIFICATION ON PAGE 4 MUST BE COMPLETED AND SIGNED.

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.

Preliminary Matter: Does this application provide fill-in service only?		<input type="radio"/> Yes <input type="radio"/> No
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: 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.	<input type="radio"/> Yes <input type="radio"/> No
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 (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)	<input type="radio"/> Yes <input type="radio"/> No
	New (increased) 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:	
Tie Breakers		
5.	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. (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.	<p>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.</p> <p>(number of attributable commercial and non-commercial applications)</p> <p>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.</p>
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Section VI – Certification

<p>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.)</p>	
Typed or Printed Name of Person Signing STEPHEN L. POULSON	Typed or Printed Title of Person Signing GENERAL MANAGER
Signature	Date 10/20/2014

Exhibits

Exhibit 1

Description: AMENDED ITEMS

SECTION II - LEGAL
 EXHIBIT 4
 SECTION III A - ENGINEERING
 2. PRIMARY
 9. ERP
 10. TRANSMIT ANTENNA
 EXHIBIT 13

Attachment 1

Attachment 4

Description
Exhibit 4 Translator and Fill-in 60 dBμ Contour Map

Exhibit 10

Description: CONTOUR MAP OF TRANSLATOR AND FILL-IN PRIMARY

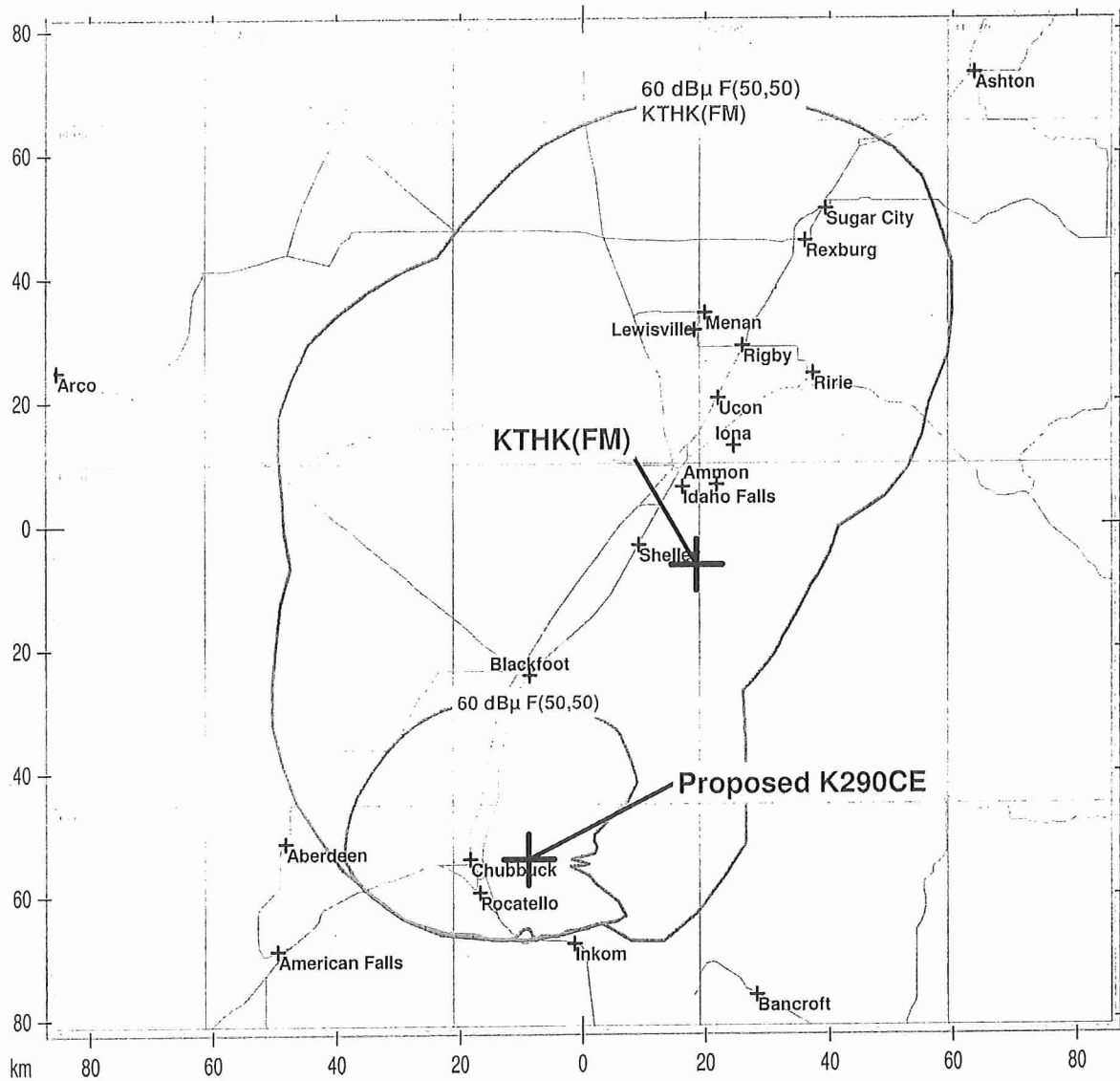
SEE EXHIBIT 4.

Attachment 10

Attachment 13

Description
Exhibit 13 Non-Interference Compliance

Proposed K290CE & Fill-In KTHK Contour Map



ASR# 1248120, 50m, 250W, channel 290, FML-1-DA, Fill-In KTHK(FM)

State Borders Highways Lat/Lon Grid

Map Scale: 1:1094781 1 cm = 10.95 km VEH Size: 162.36 x 171.35 km

Gene Wisniewski

[Exhibit 13]

Non-Interference Compliance

Regarding Facility id 142207

Channel 290

Description of Exhibit 13 Contents

This exhibit demonstrates that the proposed facility complies with contour overlap and interference protection provisions in all of the applicable rule sections and that this application for a construction permit is in full compliance with 47 C.F.R. § 74.1204.

Let it be noted that should any actual real world interference occur, the applicant acknowledges that it will promptly suspend operation of this translator in accordance with 47 C.F.R. § 74.1203.

Page 2 of this exhibit is an explanation of the method used to demonstrate compliance with contour overlap and interference provisions based on 47 C.F.R. § 74.1204(d), which states:

[A]n application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or such other factors as may be applicable.

Page 3 of this exhibit contains the tabulated data from the interference analysis, which shows all stations whose protected contours come within 50 km of the 34 dB μ F(50,10) contour of the proposed translator. These tabulated values were calculated using data from the FCC's CDBS files and 30 arc second terrain data. The column labeled "Adj" shows the number of channels difference between the entry and the proposed translator. The column labeled "Dist" shows the distance in km. The column labeled "Overlap" shows the area of contour overlap in square kilometers.

Page 4 of this exhibit is a portion of a USGS 1:24,000 scale 7.5 minute quadrangle at full scale with the calculated area of interference overlaid. The sheet includes the quadrangle name and measurement scale at the bottom-left corner (note: "Mt" refers to meters). The area of interference was calculated using the free space equation and 120 radials.

Page 5 of this exhibit is an aerial photo of the vicinity surrounding the proposed translator's tower site.

Note: There are no occupied buildings or major roads within the zone of predicted interference so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

Compliance with 47 C.F.R. § 74.1204(d)

All authorized second and third adjacent stations with which the proposed translator has contour overlap are tabulated below. Column four show the station's signal level at the proposed translator's tower site, and column five gives the minimum value within the entire standard interfering contour of the proposed translator (100 dBμ for most classes, 94 for class B, 97 for class B1). The minimum second or third adjacent F(50,50) contour within the proposed translator's standard interfering contour was used to calculate the proposed translator's actual "worst-case" interfering contour.

<u>Application_id</u>	<u>File Number</u>	<u>Callsign</u>	<u>Contour at Tower</u>	<u>Min. Contour</u>
190914	BLH19931014KD	KTHK	62.3	62.3
	Minimum F(50,50) Contour of Adjacent Station within Proposed Translator's Standard Interfering Contour			62.3

FCC 02-244 at Section II.A.5 states that "when demonstrating that 'no actual interference will occur due to . . . other factors,' pursuant to Section 74.1204(d), an applicant may use the undesired-to-desired signal ratio method." The undesired-to-desired ratio for second and third adjacent stations required by § 74.1204(a) is 40 dB. Since the minimum protected contour strength within the proposed translator's standard interference contour is **62.3 dBμ**, this makes the proposed translator's worst-case interfering contour **102.3 dBμ**. By the free-space equation, this contour is calculated to extend a maximum of **851.1 m** from the transmit antenna.

The interfering contour of the proposed translator was calculated for 120 radials and plotted on the pertinent portion of a USGS quadrangle (page 4 of this exhibit). As demonstrated on the quadrangle, there are no populated structures or highways within the area of interference (Note: FCC 02-244 at Section II.A.6 states that USGS quadrangles "have been recognized as acceptable to demonstrate lack of population").

Note: There are no occupied buildings or major roads within the zone of predicted interference so a lack of population has been demonstrated within the area of interference and this application is therefore in full compliance with 47 C.F.R. § 74.1204.

Antenna Manufacturer: PSI
Antenna Model: FML-1-DA
CORAGL: 50 m
Maximum ERP: 0.25 kW
Interfering Contour: 102.3 dBμ
Max Int. Contour Distance: 851.1 m

Adjacent Channel Study
For Station K290CE, Facility_id: 142207

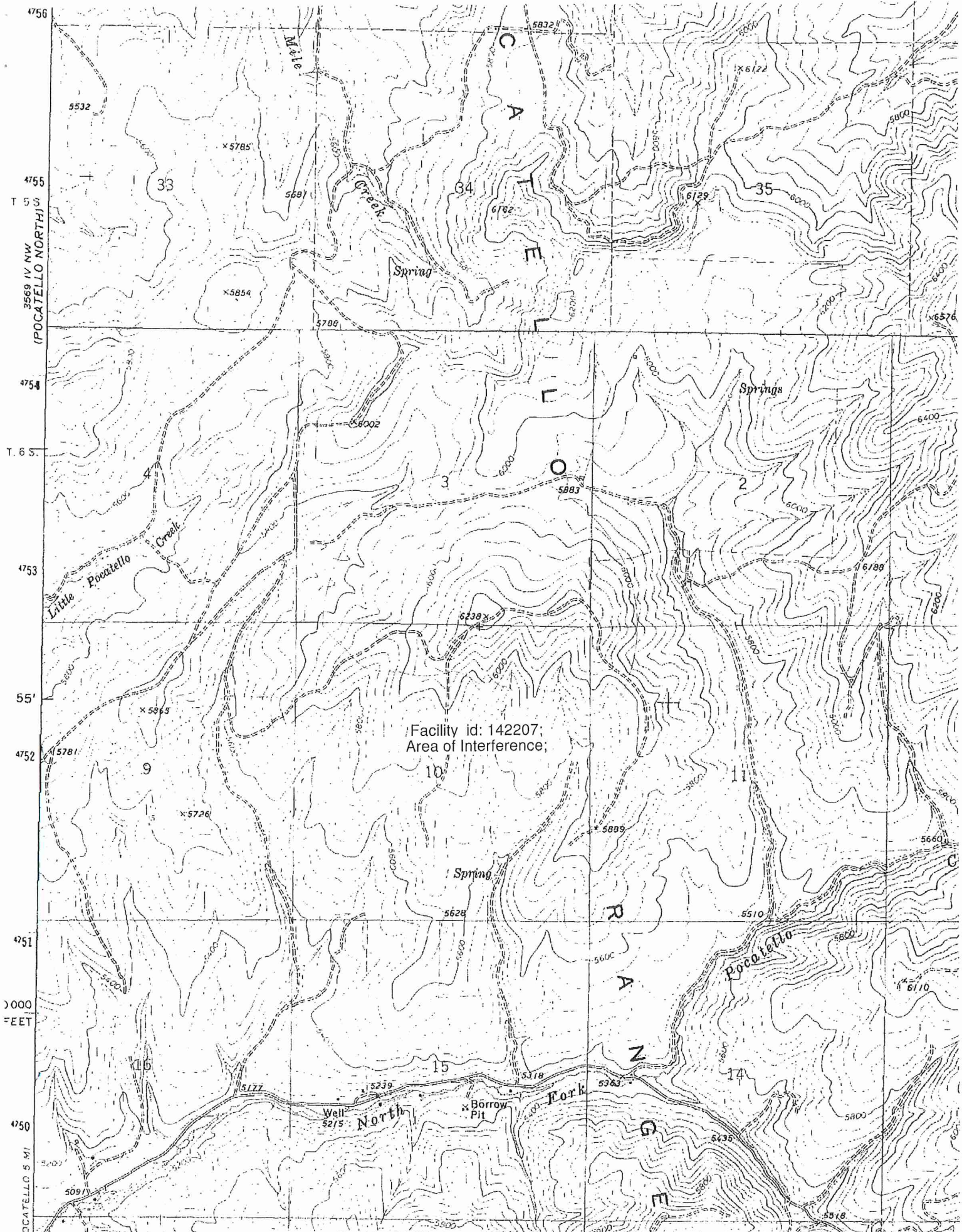
Co-channel through third adjacent:

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Char	Adj	Dist	Overlap
190914	33447	BLH-19931014KD	KTHK	RIVERBEND COMMUNICATIONS.	C1	IDAHO FALLS	ID	LIC	100	1801	288	2	55.4	1.059
605120	136487	BLFTB-20020621AEV	KTHK-FM1	RIVERBEND COMMUNICATIONS.	D	POCATELLO	ID	LIC	0.09	1438	288	2	11.4	0
288481	8799	BLFT-70	K288AS	CARIBOU COUNTY TV	D	BANCROFT	ID	LIC	0.109	2148	288	2	63	0
299078	8809	BLFT-144	K292AR	CARIBOU COUNTY TV	D	SODA SPRINGS, I	ID	LIC	0.109	2148	292	2	63	0
429141	73616	BLH-19991215ABL	KOEZ	RJ BROADCASTING LS, LLC	C1	SHELLEY	ID	LIC	100	1741	292	2	78.6	0
1560902	12665	BPH-20130626ABK	KGTM	RJ BROADCASTING LS, LLC	C1	REXBURG	ID	CP	100	1741	292	2	78.6	0
200965	4401	BLFT-19940714TD	K287AB	BEAR LAKE COUNTY T.V. DISTRI	D	MONTPELIER	ID	LIC	0.01	2178	287	3	98.3	0
288490	22347	BLFT-91	K288AG	FRANKLIN COUNTY TV DISTRICT	D	PRESTON	ID	LIC	0.218	1899	288	2	99.7	0
270670	84016	BLFT-19980706TC	K292EY	LOWER STAR VALLEY TV ASSOC	D	FREEDOM	WY	LIC	0.01	2720	292	2	101.6	0
270671	86839	BLFT-19980706TD	K289AF	LOWER STAR VALLEY TV ASSOC	D	FREEDOM	WY	LIC	0.01	2721	289	1	101.6	0
1006847	67744	BLH-20040809AAC	KKMV	LEE FAMILY BROADCASTING, INI	C0	RUPERT	ID	LIC	25	2550	291	1	121.8	0
1560900	67744	BPH-20130626ABI	KKMV	LEE FAMILY BROADCASTING, INI	C	RUPERT	ID	CP	60	2550	291	1	121.8	0
1559683	56344	BLFT-20130624AAT	K290BT	BRINGHAM YOUNG UNIVERSITY	D	JACKSON	WY	LIC	0.01	2668	290	0	129.4	0

Intermediate Frequencies (53 and 54 channels difference):

App_id	Fac_id	File_Number	Call	Licensee	Class	City	State	Status	ERP	RCAMSL	Channel	Adj	Dist	Clr
1560700	145719	BPFT-20130628AAA	K237FA	CARL WATKINS	D	POCATELLO	ID	CP	0.25	1783	237	53	14.6	4.6

Prepared by Gene Wisniewski
October 20, 2014



'Moonlight Mountain: ID': Scale: 1" = 0.379Mi 610Ml 2,000Ft. 1 Mi = 2.640" . 1 cm = 240Ml

