

# Educational Media Foundation

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Exhibit 15

Bend, OR

## Allocation Study

REFERENCE		CH# 213A - 90.5 MHz, Pwr= 1.5 kW, HAAT=172.0M, COR= 1310 M								DISPLAY DATES	
44 04 40 N		Average Protected F(50-50)= 26.3 km								DATA	11-23-04
121 19 48 W		Ave. F(50-10) 40 dBu= 77.3 54 dBu= 39.6 80 dBu= 8.5 100 dBu= 2.2								SEARCH	11-30-04
CH	CALL	TYPE	AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*	
CITY		STATE	<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)		
213A	KVLB	LIC	CX	0.0	0.00	44 04 40	0.5	1310	35.3	-86.99	-108.33*
Bend		OR		180.0	BLED20030730BCL	121 19 48	98	51.7	Educational Media Foundati		
*212A	KKLP.C	CP	CX	189.5	48.15	43 39 01	0.45	1472	21.1	2.11	0.28
La Pine		OR		9.5	BPED19980512MA	121 25 42	123	25.0	Educational Media Foundati		
**211A	KKLP.P	CP	CX	199.3	58.53	43 34 50	2.5	1380	21.4	35.00	34.30
La Pine		OR		19.3	TBD	121 34 13	92	2.1	Educational Media Foundati		
210C2	981203	APP	CX	36.7	50.05	44 26 17	0.75	1735	34.2	13.98	-0.01
Redmond		OR		216.7	BPED19981203MO	120 57 14	774	1.9	Csn International		
213C2	980318	APP	CN	238.4	163.85	43 17 36	9.4	802	11.2	67.04	99.12
Roseburg		OR		58.4	BPED19980318MI	123 03 03	54	85.6	William Patrick Donnelly M		
212C3	KZRI	LIC	C	347.8	142.74	45 19 57	0.28	1816	33.7	60.98	61.36
Welches		OR		167.8	BLED20010601AEU	121 42 57	526	48.1	Educational Media Foundati		
212C3	KZRI.C	CP	VX	347.9	142.81	45 20 01	0.235	1877	33.7	61.45	61.69
Welches		OR		167.9	BPED20031110ANL	121 42 45	558	47.7	Educational Media Foundati		
214C1	KBOO	LIC	CY	326.0	190.40	45 29 20	26.5	480	32.1	60.07	75.18
Portland		OR		146.0	BLED19910909KC	122 41 40	414	98.2	The Kboo Foundation		
216C1	KWAX	LIC	EN	267.2	143.13	44 00 04	21.5	562	11.2	125.10	80.95
Eugene		OR		87.2	BLED19930308KB	123 06 45	350	6.8	State Of Oregon Acting By		
212A	KWBX	LIC	VX	305.3	157.49	44 52 57	0.135	127	28.4	120.39	108.50
Salem		OR		125.3	BLED20020326AAB	122 57 34	1	8.7	Western Baptist College		
213C3	KLCO	LIC	C	290.2	229.18	44 45 24	3	338	23.2	111.92	122.69
Newport		OR		110.2	BLED20000329ABI	124 02 50	230	94.0	Lane Community College		
212A	KSLC	LIC	HN	310.9	193.80	45 12 06	0.32	73	29.3	153.72	141.97
Mcminnville		OR		130.9	BLED19810818AD	123 11 52	29	10.8	Linfield College		
211A	KAJC.A	APP	DEX	297.4	168.93	44 45 33	5.092	150	26.1	140.33	141.06
Salem		OR		117.4	BMPED20020308ABM	123 13 34	88	2.5	Csn International		
06+2C	KOIN	LI	HN	325.8	194.61	45 30 58	100	611	236.9	To Grd B=	73.78
Portland		OR		145.8	BLCT2115	122 43 59	505		Emmis Television License,		

ERP and HAAT are on direct line to and from reference station.

\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.

- \* - This modification of KVLB Bend, OR is being filed jointly with an application for KKLP La Pine, OR. The marked KKLP facility is being replaced by the following facility on the list.
- \*\* - This is the proposed KKLP facility.

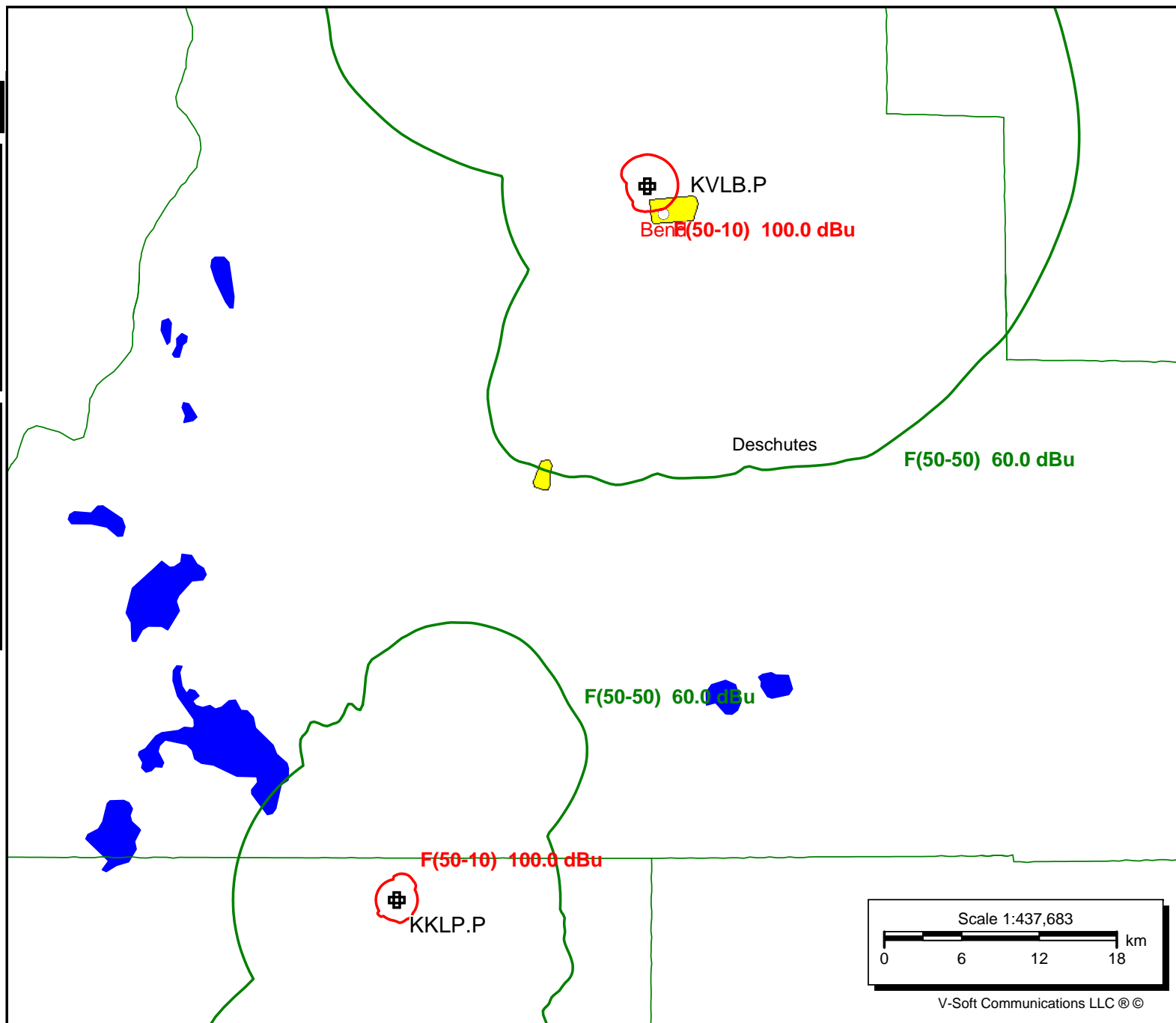
**Exhibit 15-A**

**KVLB.P**

BLED20030730BCL  
Latitude: 44-04-40 N  
Longitude: 121-19-48 W  
ERP: 1.50 kW  
Channel: 213  
Frequency: 90.5 MHz  
AMSL Height: 1333.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No

**KKLP.P**

BPED19980512MA  
Latitude: 43-34-50 N  
Longitude: 121-34-13 W  
ERP: 2.50 kW  
Channel: 211  
Frequency: 90.1 MHz  
AMSL Height: 1380.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No





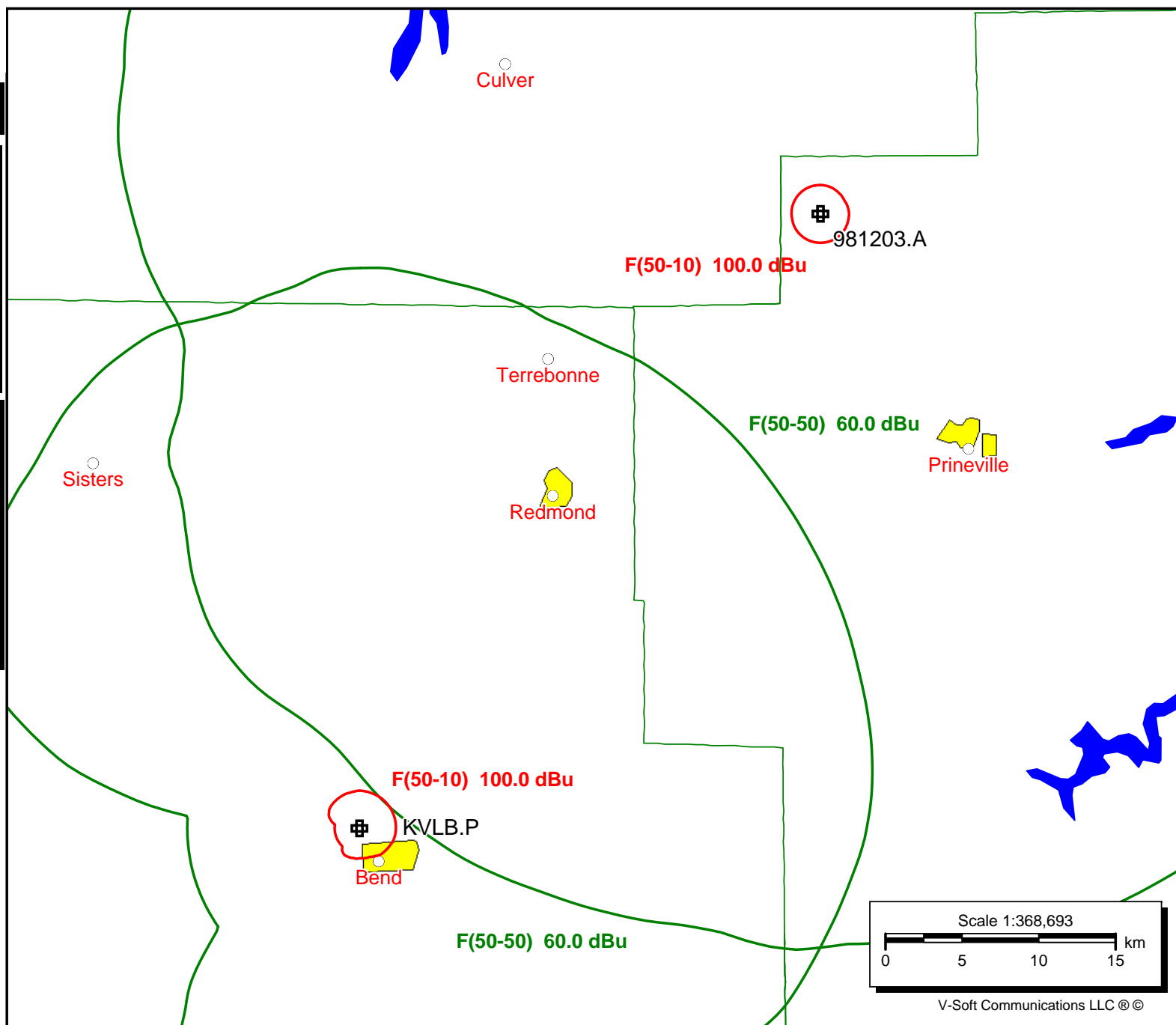
### Exhibit 15-B

#### KVLB.P

BLED20030730BCL  
Latitude: 44-04-40 N  
Longitude: 121-19-48 W  
ERP: 1.50 kW  
Channel: 213  
Frequency: 90.5 MHz  
AMSL Height: 1333.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No

#### 981203.A

BPED19981203MO  
Latitude: 44-26-17 N  
Longitude: 120-57-14 W  
ERP: 0.75 kW  
Channel: 210  
Frequency: 89.9 MHz  
AMSL Height: 1735.0 m  
Elevation: 1709.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No



Scale 1:368,693  
0 5 10 15 km

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**KVLB.P vs. 981203MO**

EMF

11-30-2004 30 Sec. Terrain Data

981203 BPED19981203MO

Channel = 210C2

Max ERP = 0.75 kW

RCAMSL = 1735 M

N. Lat = 44 26 17

W. Lng = 120 57 14

KVLB. P

Channel = 213A

Max ERP = 1.5 kW

RCAMSL = 1333 M

N. Lat = 440440

W. Lng = 1211948

Protected  
60 dBuInterfering  
100 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)
210.0	000.7500	0784.7	048.0	104.2	001.5000	0243.7	006.3	87.6
211.0	000.7500	0783.2	047.9	101.1	001.5000	0250.4	005.5	89.5
212.0	000.7500	0781.9	047.9	097.2	001.5000	0259.6	004.8	91.6
213.0	000.7500	0781.1	047.9	091.8	001.5000	0272.3	004.1	93.8
214.0	000.7500	0780.6	047.9	084.1	001.5000	0286.3	003.4	96.1
215.0	000.7500	0779.6	047.8	072.5	001.5000	0295.8	002.8	98.2
216.0	000.7500	0777.5	047.8	055.9	001.5000	0308.3	002.5	99.7
217.0	000.7500	0774.0	047.7	036.1	001.5000	0319.9	002.4	99.9
218.0	000.7500	0769.5	047.5	018.4	001.5000	0323.3	002.7	98.8
219.0	000.7500	0764.3	047.4	005.4	001.5000	0337.4	003.2	97.0
220.0	000.7500	0759.2	047.2	356.5	001.5000	0337.6	003.9	95.1
221.0	000.7500	0754.5	047.1	350.3	001.5000	0315.8	004.6	92.9
222.0	000.7500	0751.3	047.0	345.6	001.5000	0305.9	005.3	91.1
223.0	000.7500	0750.3	047.0	341.6	001.5000	0307.2	006.0	89.5
224.0	000.7500	0751.5	047.0	338.0	001.5000	0310.9	006.7	88.1
225.0	000.7500	0754.2	047.1	334.9	001.5000	0306.7	007.5	86.6