

Displacement Application

Educational Media Foundation ("EMF") submits this application in order to change the channel of its licensed translator facility K242AF, Portland, Oregon (BLFT-20031112AGM) from channel 242 to channel 279.

In 2008, Horizon Broadcasting Group LLC was granted a construction permit to move KWLZ-FM (BPH-20070119AAT) which is co-channel to K242AF's existing signal. Please see attached Exhibit 1A which shows KWLZ-FM's 60 dBu protected contour and K242AF's 40 dBu interfering contour. If K242AF were to continue to broadcast on channel 242, it is predicted that it will cause widespread interference to KWLZ-FM. In order to eliminate the potential for interference, a move to an alternate frequency was necessary.

EMF submits that it is not technically feasible to operate K242AF on its current channel 242 or the 1st, 2nd, 3rd adjacent channels, or the intermod frequency channels (see attached Exhibit 1B). In order to continue to provide service to the listeners of K242AF, EMF has chosen channel 279. In addition to the channel change, EMF proposes a physical location move of K242AF to a new tower.

Changes to the application are as follows:

1. Section III-A, Item 1: Channel updated
2. Section III-A, Item 2: Primary station has been updated
3. Section III-A, Item 4: Coordinates have been updated to reflect new location
4. Section III-A, Item 5: Tower registration updated
5. Section III-A, Item 6: Ground elevation updated
6. Section III-A, Item 7: Overall tower height updated
7. Section III-A, Item 8: Center of radiation AGL updated
8. Section III-A, Item 9: Effective Radiated Power has been updated
9. Section III-A, Item 10: Transmitting Antenna information has been updated
10. Section III-A, Item 12a: Exhibit 13 has been updated
11. Section III-A, Item 15: Exhibit 17 has been updated

Exhibit 1 - A

KWLZ-FM

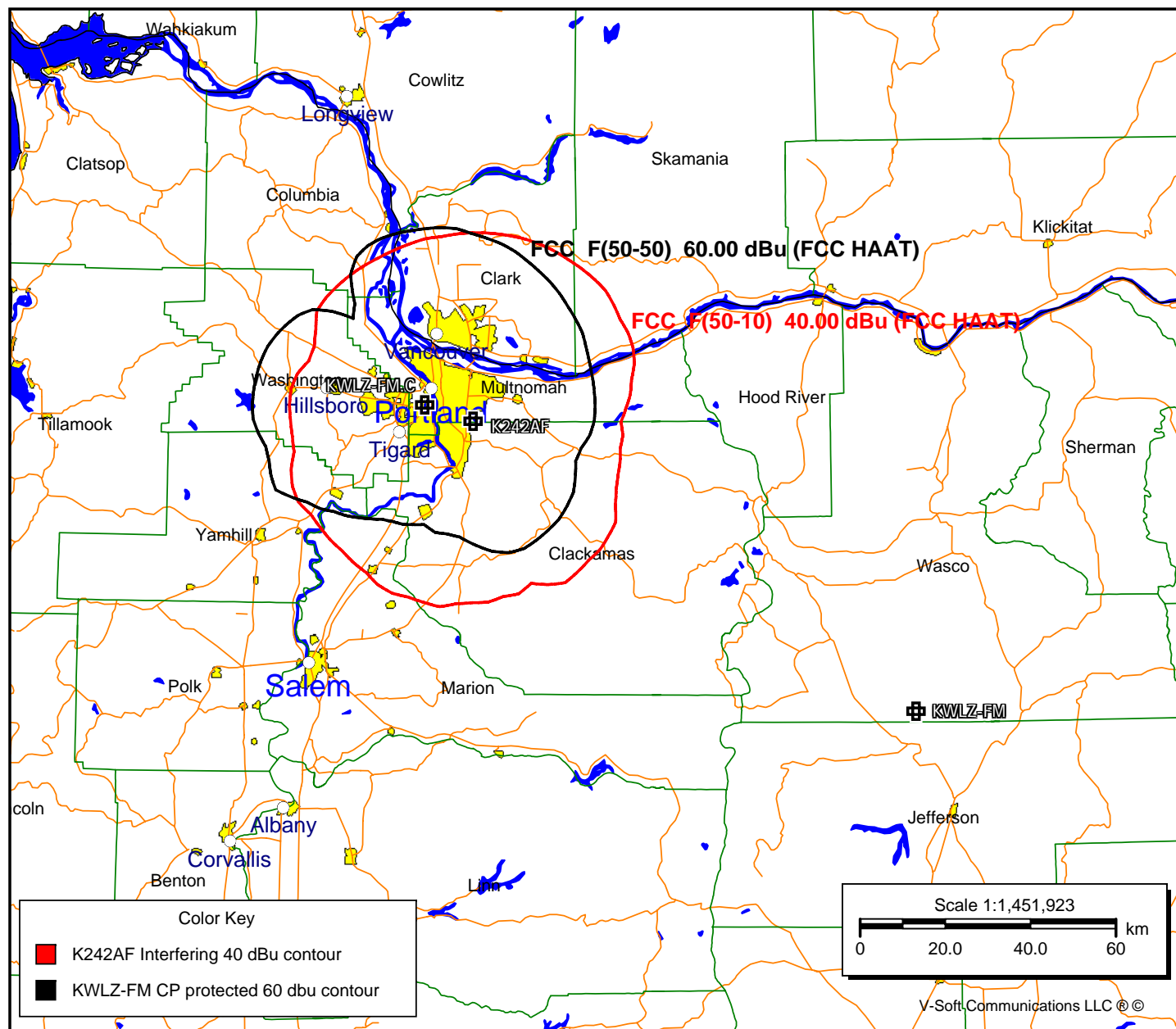
BLH19860127KG
Latitude: 44-50-24 N
Longitude: 121-13-56 W
ERP: 100.00 kW
Channel: 243
Frequency: 96.5 MHz
AMSL Height: 1012.0 m
Elevation: 963.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KWLZ-FM.C

BPH20070119AAT
Latitude: 45-29-20 N
Longitude: 122-41-40 W
ERP: 2.90 kW
Channel: 242
Frequency: 96.3 MHz
AMSL Height: 391.0 m
Elevation: 310.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

K242AF

BLFT20031112AGM
Latitude: 45-27-17 N
Longitude: 122-32-58 W
ERP: 0.034 kW
Channel: 242
Frequency: 96.3 MHz
AMSL Height: 358.0 m
Elevation: 328.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None



Current Channel 242

REFERENCE		CH# 242D - 96.3 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M								DISPLAY DATES	
45 27 17.0 N.		Average Protected F(50-50)= 12.7 km								DATA 08-11-11	
122 32 58.0 W.		Omni-directional								SEARCH 08-12-11	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
242D Portland	K242AF	LIC OR	C	0.0 0.0	0.0 BLFT20031112AGM	45 27 17.0 122 32 58.0	0.034 259	44.2 358	13.3 Educational Media Foundati	-57.5* -57.5*	-57.5*
242C3 West Linn	KWLZ-FM	CP OR	ZCX	288.6 108.5	12.0 BPH20070119AAT	45 29 20.0 122 41 40.0	2.900 297	97.6 391	37.7 Horizon Broadcasting Group	-98.1*< -67.4*<	-67.4*<

Channel 243 (first adjacent)

REFERENCE		CH# 243D - 96.5 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M								DISPLAY DATES	
45 27 17.0 N.		Average Protected F(50-50)= 12.7 km								DATA 08-11-11	
122 32 58.0 W.		Omni-directional								SEARCH 08-12-11	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
242D Portland	K242AF	LIC OR	C	0.0 0.0	0.0 BLFT20031112AGM	45 27 17.0 122 32 58.0	0.034 259	19.7 358	13.3 Educational Media Foundati	-33.0* -33.0*	-33.0*
246C Portland	KYCH-FM	LIC OR	CY	288.6 108.5	12.0 BLH19900821KA	45 29 20.0 122 41 40.0	100.000 386	11.0 480	76.7 Entercom Portland License,	-11.5*< -65.1*<	-65.1*<
243C Warm Springs	KWLZ-FM	LIC OR	CN	123.0 304.0	124.1 BLH19860127KG	44 50 24.0 121 13 56.0	100.000 332	169.1 1012	69.9 Horizon Broadcasting Group	-57.0*< -44.2*<	14.1
242C3 West Linn	KWLZ-FM	CP OR	ZCX	288.6 108.5	12.0 BPH20070119AAT	45 29 20.0 122 41 40.0	2.900 297	56.2 391	37.7 Horizon Broadcasting Group	-56.7*< -44.2*<	-44.2*<
243C1 Madras	R14020	ADD OR		115.6 296.9	156.4	44 50 02.0 120 45 55.0	100.000 299	183.6 1222	80.5 Cumulus Licensing Llc	-38.5*< 38.8	38.8
243D Ridgefield	636464	APP WA	C	342.9 162.8	37.4 BNPFT20030313AAW	45 46 35.0 122 41 30.0	0.050 111	31.0 176	9.2 Walla Walla College	-6.9< -16.2<	-16.2<
244D Cully	648606	APP OR	C	296.3 116.1	17.1 BNPFT20030317IJR	45 31 21.0 122 44 45.0	0.016 355	17.9 442	12.3 Educational Media Foundati	-13.2*< -13.6<	-13.6<
244D Rockcreek	632513	APP OR	C	296.3 116.1	17.1 BNPFT20030314ACI	45 31 21.0 122 44 45.0	0.016 355	17.9 442	12.3 Educational Media Foundati	-13.2*< -13.6<	-13.6<
244D Willbridge	631751	APP OR	C	295.8 115.6	17.5 BNPFT20030310BHE	45 31 22.6 122 45 06.6	0.010 327	14.8 415	10.5 Way-fm Media Group, Inc.	-9.6< -11.4<	-11.4<

Channel 244 (second adjacent)

REFERENCE		CH# 244D - 96.7 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M								DISPLAY DATES	
45 27 17.0 N.		Average Protected F(50-50)= 12.7 km								DATA 08-11-11	
122 32 58.0 W.		Omni-directional								SEARCH 08-12-11	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
242D Portland	K242AF	LIC OR	C	0.0 0.0	0.0 BLFT20031112AGM	45 27 17.0 122 32 58.0	0.034 259	0.4 358	13.3 Educational Media Foundati	-13.7* -13.7*	-13.7*
246C Portland	KYCH-FM	LIC OR	CY	288.6 108.5	12.0 BLH19900821KA	45 29 20.0 122 41 40.0	100.000 386	11.0 480	76.7 Entercom Portland License,	-11.5*< -65.1*<	-65.1*<

Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

Exhibit 1B
Portland, OR

244D 648606 Cully	APP OR	C	296.3 116.1	17.1 BNPFT20030317IJR	45 31 21.0 122 44 45.0	0.016 355	41.4 442	12.3	-36.7*<	-36.8<
244D 632513 Rockcreek	APP OR	C	296.3 116.1	17.1 BNPFT20030314ACI	45 31 21.0 122 44 45.0	0.016 355	41.4 442	12.3	-36.7*<	-36.8<
244D 631751 Willbridge	APP OR	C	295.8 115.6	17.5 BNPFT20030310BHE	45 31 22.6 122 45 06.6	0.010 327	35.2 415	10.5	-30.1*<	-34.5<
242C3 KWLZ-FM West Linn	CP OR	ZCX	288.6 108.5	12.0 BPH20070119AAT	45 29 20.0 122 41 40.0	2.900 297	3.1 391	37.7	-3.5*<	-26.2*<

Channel 245 (third adjacent)

REFERENCE		CH# 245D - 96.9 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M							DISPLAY DATES		
45 27 17.0 N.		Average Protected F(50-50)= 12.7 km							DATA 08-11-11		
122 32 58.0 W.		Omni-directional							SEARCH 08-12-11		

CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)

242D	K242AF	LIC	C	0.0	0.0	45 27 17.0	0.034	0.4	13.3	-13.7*	-13.7*
Portland			OR	0.0	BLFT20031112AGM	122 32 58.0	259	358	Educational Media Foundati		
246C	KYCH-FM	LIC	CY	288.6	12.0	45 29 20.0	100.000	112.9	76.7	-113.4*<	-83.2*<
Portland			OR	108.5	BLH19900821KA	122 41 40.0	386	480	Entercom Portland License,		
242C3	KWLZ-FM	CP	ZCX	288.6	12.0	45 29 20.0	2.900	3.1	37.7	-3.5*<	-26.2*<
West Linn			OR	108.5	BPH20070119AAT	122 41 40.0	297	391	Horizon Broadcasting Group		
244D	632513	APP	C	296.3	17.1	45 31 21.0	0.016	17.9	12.3	-13.2*<	-13.6<
Rockcreek			OR	116.1	BNPFT20030314ACI	122 44 45.0	355	442	Educational Media Foundati		
244D	648606	APP	C	296.3	17.1	45 31 21.0	0.016	17.9	12.3	-13.2*<	-13.6<
Cully			OR	116.1	BNPFT20030317IJR	122 44 45.0	355	442	Educational Media Foundati		
244D	631751	APP	C	295.8	17.5	45 31 22.6	0.010	14.8	10.5	-9.6<	-11.4<
Willbridge			OR	115.6	BNPFT20030310BHE	122 45 06.6	327	415	Way-fm Media Group, Inc.		

Channel 241 (first adjacent)

REFERENCE		CH# 241D - 96.1 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M							DISPLAY DATES			
45 27 17.0 N.		Average Protected F(50-50)= 12.7 km							DATA 08-11-11			
122 32 58.0 W.		Omni-directional							SEARCH 08-12-11			

CH	CALL	TYPE	ANT	AZI.	DIST	LAT.		Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.		HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)

242D	K242AF	LIC	C	0.0	0.0	45 27 17.0	0.034	19.7	13.3	-33.0*	-33.0*	
Portland			OR	0.0	BLFT20031112AGM	122 32 58.0	259	358	Educational Media Foundati			
241C	KXXO	LIC	CY	2.7	131.4	46 38 07.0	85.000	212.7	100.7	-94.6*<	-13.6<	
Olympia			WA	182.8	BLH19900308KB	122 28 01.0	640	1205	3 Cities, Inc.			
238C	KBFF	LIC	CY	288.6	12.0	45 29 20.0	100.000	11.0	76.7	-11.5*<	-65.1*<	
Portland			OR	108.5	BLH19980901KC	122 41 40.0	386	480	Alpha Licensee, Llc			
242C3	KWLZ-FM	CP	ZCX	288.6	12.0	45 29 20.0	2.900	56.2	37.7	-56.7*<	-44.2*<	
West Linn			OR	108.5	BPH20070119AAT	122 41 40.0	297	391	Horizon Broadcasting Group			
241C	KZEL-FM	CP	CX	195.6	167.6	44 00 04.0	100.000	191.7	87.5	-37.3*<	36.1	
Eugene			OR	15.2	BPH20090204AAO	123 06 47.0	452	652	Cumulus Licensing Llc			
241C	KZEL-FM	LIC	EN	195.6	167.6	44 00 05.0	100.000	181.7	78.8	-27.3*<	44.9	
Eugene			OR	15.2	BLH19900321KB	123 06 48.0	333	525	Cumulus Licensing Llc			
240D	K240CZ	LIC	C	295.6	15.9	45 30 58.0	0.019	18.5	12.6	-15.0*<	-15.1<	
Tigard			OR	115.4	BLFT20070208ACE	122 43 59.0	339	429	Educational Media Foundati			

Channel 240 (second adjacent)

REFERENCE 45 27 17.0 N. 122 32 58.0 W.		CH# 240D - 95.9 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M Average Protected F(50-50)= 12.7 km Omni-directional								DISPLAY DATES DATA 08-11-11 SEARCH 08-12-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
242D Portland	K242AF	LIC	C OR	0.0 0.0	0.0 BLFT20031112AGM	45 27 17.0 122 32 58.0	0.034 259	0.4 358	13.3 Educational Media Foundati	-13.7* -13.7*	
238C Portland	KBFF	LIC	CY OR	288.6 108.5	12.0 BLH19980901KC	45 29 20.0 122 41 40.0	100.000 386	11.0 480	76.7 Alpha Licensee, Llc	-11.5*< -65.1*<	
240D Tigard	K240CZ	LIC	C OR	295.6 115.4	15.9 BLFT20070208ACE	45 30 58.0 122 43 59.0	0.019 339	42.3 429	12.6 Educational Media Foundati	-38.8*< -38.2<	
241C Olympia	KXXO	LIC	CY WA	2.7 182.8	131.4 BLH19900308KB	46 38 07.0 122 28 01.0	85.000 640	146.5 1205	100.7 3 Cities, Inc.	-28.5*< 10.9	
242C3 West Linn	KWLZ-FM	CP	ZCX OR	288.6 108.5	12.0 BPH20070119AAT	45 29 20.0 122 41 40.0	2.900 297	3.1 391	37.7 Horizon Broadcasting Group	-3.5*< -26.2*<	
240L1 Woodburn	KPVN-LP	APP		214.6 34.4	42.3 BPL20080401BEZ	45 08 29.0 122 51 21.0	0.029 55	20.5 100	6.2 Centro De Servicios Para C	8.8 -7.3<	
240L1 Woodburn	KPCN-LP	APP		214.6 34.4	42.3 BPL20080401BEH	45 08 29.0 122 51 21.0	0.029 55	20.5 100	6.2 Pineros Y Campesinos Unido	8.8 -7.3<	

Channel 239 (third adjacent)

REFERENCE 45 27 17.0 N. 122 32 58.0 W.		CH# 239D - 95.7 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M Average Protected F(50-50)= 12.7 km Omni-directional								DISPLAY DATES DATA 08-11-11 SEARCH 08-12-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
242D Portland	K242AF	LIC	C OR	0.0 0.0	0.0 BLFT20031112AGM	45 27 17.0 122 32 58.0	0.034 259	0.4 358	13.3 Educational Media Foundati	-13.7* -13.7*	
238C Portland	KBFF	LIC	CY OR	288.6 108.5	12.0 BLH19980901KC	45 29 20.0 122 41 40.0	100.000 386	112.9 480	76.7 Alpha Licensee, Llc	-113.4*< -83.2*<	
242C3 West Linn	KWLZ-FM	CP	ZCX OR	288.6 108.5	12.0 BPH20070119AAT	45 29 20.0 122 41 40.0	2.900 297	3.1 391	37.7 Horizon Broadcasting Group	-3.5*< -26.2*<	
240D Tigard	K240CZ	LIC	C OR	295.6 115.4	15.9 BLFT20070208ACE	45 30 58.0 122 43 59.0	0.019 339	18.5 429	12.6 Educational Media Foundati	-15.0*< -15.1<	

Channel 295 (intermod frequency)

REFERENCE 45 27 17.0 N. 122 32 58.0 W.		CH# 295D - 106.9 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M Average Protected F(50-50)= 12.7 km Omni-directional								DISPLAY DATES DATA 08-11-11 SEARCH 08-12-11	
CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
294C Lake Oswego	KLTH	LIC	C OR	295.6 115.4	15.9 BLH20100416AAO	45 30 58.0 122 43 59.0	100.000 502	129.8 594	87.0 Citicasters Licenses, Inc.	-126.4*< -89.4*<	
298C0 Banks	KXJM	LIC	C OR	295.6 115.5	15.9 BLH20091013ABB	45 30 58.4 122 43 58.8	71.000 502	11.4 594	83.6 Citicasters Licenses, Inc.	-7.9< -68.1*<	
296D West Haven	K296FT	LIC	C OR	288.6 108.5	12.0 BLFT20080116AAA	45 29 20.0 122 41 40.0	0.028 270	16.9 357	11.6 Metroeast Community Media	-17.4*< -18.1<	

Channel 296 (intermod frequency)

REFERENCE		CH# 296D - 107.1 MHz, Pwr= 0.034 kW, HAAT= 259.0 M, COR= 358 M								DISPLAY DATES	
45 27 17.0 N.		Average Protected F(50-50)= 12.7 km								DATA 08-11-11	
122 32 58.0 W.		Omni-directional								SEARCH 08-12-11	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
294C Lake Oswego	KLTH	LIC OR	C	295.6 115.4	15.9 BLH20100416AAO	45 30 58.0 122 43 59.0	100.000 502	12.6 594	87.0 Citicasters Licenses, Inc.	-9.1<	-71.5*<
298C0 Banks	KXJM	LIC OR	C	295.6 115.5	15.9 BLH20091013ABB	45 30 58.4 122 43 58.8	71.000 502	11.4 594	83.6 Citicasters Licenses, Inc.	-7.9<	-68.1*<
296C1 Sweet Home	KLVU	LIC OR	CY	181.4 1.3	108.0 BLED19980403KB	44 28 59.0 122 34 55.0	9.700 741	143.1 1245	61.0 Educational Media Foundati	-47.8*<	4.6<
296D West Haven	K296FT	LIC OR	C	288.6 108.5	12.0 BLFT20080116AAA	45 29 20.0 122 41 40.0	0.028 270	38.7 357	11.6 Metroeast Community Media	-39.2*<	-41.3<
296D Skamania	636428	APP WA	C	55.5 235.8	45.2 BNPFT20030313AAJ	45 41 01.0 122 04 17.0	0.003 537	39.7 1067	9.4 Walla Walla College	-7.0<	-6.1<