

Gray Frierson Haertig & Assoc.  
Portland, Oregon

Oregon St Board Of Higher Ed For The Univ Of Oregon  
Eugene, Oregon

REFERENCE		CH#	215D - 90.9 MHz, Pwr= 0.05 kW, HAAT= 90.3 M, COR= 1504 M					DISPLAY DATES			
43 52 26.0 N.		Average Protected F(50-50)= 8.22 km							DATA 05-09-13		
121 30 14.0 W.		Omni-directional							SEARCH 05-16-13		
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)
217C1	KOAB-FM	LIC_CX		31.1	26.52	44 04 41.0	75.000	6.0	52.1	8.0	-26.0*
Bend		OR		211.2	BLED20100330AAK	121 19 57.0	199	1338	Oregon	Public	Broadcasting
215D	K215ED	LIC_DV_		0.0	0.00	43 52 26.0	0.020	1.7	0.6	-6.4*	-15.6*
Sunriver		OR		0.0	BLFT20050602ABM	121 30 14.0	90	1504	Oregon	St Board Of	Higher
06 D	K06PA-D	CP_D_N		49.6	55.27	44 11 40.0	0.300	5.6	58.1	63.7R	-7.9M
Bend		OR		230.0	BDFCDVL20090608ABF	120 58 36.0	663	1601	Kenneth E.	Lewetag	
215C3	KHJJ	CP_CX		24.6	129.71	44 55 57.0	12.500	115.6	46.2	3.0	46.4
Shaniko		OR		205.1	BNPED20071022BGK	120 49 03.0	73	997	Educational	Broadcast	Serv
213A	KVLB	LIC_VX		31.5	26.60	44 04 40.0	1.400	1.9	22.0	12.1	4.1
Bend		OR		211.6	BLED20061005AEA	121 19 48.0	193	1331	Educational	Media Foundati	
06-D	K06PA-D	CP_D_N		34.8	76.59	44 26 17.0	2.500	6.9	44.6	51.4R	25.7M
Redmond		OR		215.2	BNPTVL20000829ANN	120 57 13.0	746	1659	Kenneth E.	Lewetag	
06-T	KOXO-CA	CPM_N		332.3	207.97	45 31 21.0	1.500	2.2	15.7	180.0R	28.5M
Newberg		OR		151.4	BMPTVA20090605ABJ	122 44 45.0	479	525	Watchtv, Inc.		
216C1	KWAX	LIC_EN		276.8	129.93	44 00 04.0	21.500	90.4	61.8	34.8	61.5
Eugene		OR		95.7	BLED19930308KB	123 06 45.0	370	562	Oregon	St Board Of	Higher
06ZT	K06LI	LI_DHN		195.2	65.44	43 18 19.0	0.067	6.7	21.4	28.0R	37.9M
Chemult		OR		15.0	BLTTV19900830IK	121 42 56.0	664	2064	Npg Of Oregon, Inc.		
215C1	KSKF	LIC_E_		183.1	197.65	42 05 50.0	6.500	145.6	63.6	39.5	92.1
Klamath Falls		OR		3.0	BLED19960111KX	121 37 59.0	687	2004	Oregon	St Board Of	Higher
06 D	K06NS-D	LI_N		186.6	180.18	42 15 45.0	0.193	2.2	15.7	134.0R	46.7M
Chiloquin		OR		6.4	BLDTV20090126ABJ	121 45 22.0	406	1669	Cal i forni a Oregon Broadcas		
212D	K212AS	LIC_DEN		344.4	55.16	44 21 07.0	0.092	0.3	3.5	50.2	51.1
Sisters		OR		164.3	BLFT19890203TA	121 41 24.0	-2	1240	Lane	Communi ty Col lege	
TRANSLATOR FOR KLCC, EUGENE, OR											
06NT	K06IO	LI_DHN		262.8	188.80	43 38 12.0	0.056	6.7	21.4	134.0R	55.3M
Scottsburg		OR		81.1	BLTTV4549	123 49 31.0	268	358	Kezi, Inc.		
06+T	K06NI	LI_N		8.4	206.54	45 42 43.0	0.250	6.1	1.6	134.0R	73.0M
The Dalles		OR		188.7	BLTVL20050309ACR	121 06 58.0	807	977	Michael	Mattson	
06NT	K06JN	LI_DHN		73.8	90.63	44 05 44.0	0.019	6.1	1.6	7.7R	83.5M
Severance Ranch, Et		OR		254.6	BLTTV19790614IB	120 25 00.0	-52	1057	Npg Of Oregon, Inc.		
06 D	1328857	AP_D_N		276.9	130.10	44 00 06.6	0.300	2.2	28.3	30.4R	100.2M
Eugene		OR		95.7	BNPDVL20090825ASQ	123 06 52.7	320	445	Mako	Communi cations Lic	
06 D	1337136	AP_N		279.8	127.11	44 03 28.0	0.300	2.2	15.7	17.9R	109.7M
Eugene		OR		98.7	BNPDVL20091020AAK	123 04 02.0	31	146	Live	Sports Radi o, Inc.	
06 T	K06KA	CP_D_N		203.8	291.31	41 28 00.0	0.021	2.2	15.7	134.0R	157.8M
Fort Jones, Etc.		CA		22.8	BDFCDTV20111026AEG	122 54 50.0	283	1131	Ktvl	Licensee, Lic	
06NT	K06KA	LI_DHN		203.8	291.31	41 28 00.0	0.021	6.1	1.6	134.0R	157.8M
Fort Jones, Etc.		CA		22.8	BLTTV19800528ID	122 54 50.0	782	1631	Ktvl	Licensee, Lic	
06 D	1355965	AP_D_N		34.5	313.21	46 10 17.0	0.300	0.5	6.2	134.0R	179.7M
Pasco		WA		216.1	BNPDVL20100218ADI	119 12 08.0	176	300	Luna	Foods, Inc.	
06 D	1344264	AP_D_N		12.0	322.84	46 42 41.0	0.300	0.5	6.2	134.0R	189.3M
Yakima		WA		192.6	BNPDVL20091123AJK	120 37 20.0	327	719	Luna	Foods, Inc.	
06 D	KNNN-LD	CPM_D_N		193.5	367.37	40 39 14.0	3.000	2.2	15.7	134.0R	233.9M
Redding		CA		12.8	BMPDVL20110826ABQ	122 31 15.0	810	1015	Venture	Technol ogi es Group	
06 D	1331181	AP_D_N		12.4	387.52	47 16 27.0	0.300	0.5	6.2	134.0R	254.0M
Ellensburg		WA		193.1	BNPDVL20090826ACK	120 24 18.0	1421	2066	Denver	Digi tal Televi sion,	
06 T	K060Y	AP_D_N		12.4	412.73	47 29 37.0	0.010	6.1	1.6	134.0R	279.2M
Baker Flats, Ect		WA		193.3	BDFCDTV20120215ABN	120 19 14.0	530	731	Apple	Val ley Tv Associatio	

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
 Contour distances are on direct line to and from reference station. Reference zone= West Zone, Co to 3rd adjacent.  
 All separation margins (if shown) include rounding  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beam tilt(Y,N,X)  
 "\*"affixed to 'IN' or 'OUT' values = site inside protected contour.