

Channel Study

REFERENCE		CH# 212A - 90.3 MHz, Pwr= 0.4 kW, HAAT= 271.0 M, COR= 450.9 M								DISPLAY DATES	
46 09 46.4 N.		Average Protected F(50-50)= 24.0 km								DATA 01-30-24	
122 51 17.6 W.		Omni-directional								SEARCH 02-12-24	
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*
212A Longview	KLWO!	LIC	VN WA	0.0 90.0	0.00 BLED20070925AGO	46 09 46.40 122 51 18.40	0.400 272		451	---Reference---	Educational Media Foundati
213A Chehalis	KACS	LIC	DCN WA	348.3 168.2	64.47 BLED20150811AGH	46 43 50.40 123 01 33.50	6.000 57	31.7 158	21.4	5.6	1.8
213C2 Chehalis	KACS	APP	DCN WA	346.5 166.3	92.64 0000235741	46 58 22.40 123 08 22.10	0.500 697	61.1 897	40.6	4.0	10.1
213C2 Chehalis	KACS	CP	DCN WA	346.6 166.4	92.67 0000161148	46 58 24.10 123 08 17.00	0.570 656	60.8 856	40.2	4.2	10.5
214C1 Portland	KBOO	LIC	CN OR	170.6 350.7	75.96 BLED19910909KC	45 29 19.40 122 41 44.30	26.500 386	7.8 480	66.7	43.2	7.9
212C3 Welches	KPOR	LIC	CN OR	135.8 316.6	127.83 BLED20111005AIP	45 20 00.40 121 42 49.20	0.235 531	98.1 1877	35.4	11.3	34.4
213A Astoria	KCPL	LIC	CN OR	280.1 99.3	81.35 BLED20170911AAA	46 17 11.30 123 53 50.50	0.220 381	38.2 433	24.9	15.4	14.2
211A Mossyrock	763452	CP	DCN WA	29.3 209.6	60.24 0000166382	46 38 05.70 122 28 08.50	0.010 536	23.4 1100	13.7	16.5	16.4
210C1 Portland	KQAC	LIC	CN OR	172.6 352.6	72.53 BLED20110517AEK	45 30 57.40 122 44 03.40	5.900 440	4.6 529	54.1	42.3	17.0
209A Winlock	764656	CP	DCN WA	340.3 160.2	46.21 0000167294	46 33 15.00 123 03 30.00	0.250 306	0.6 459	16.2	17.3	28.6
212A Mcminnville	KSLC	LIC	DCN OR	197.0 16.7	116.78 BLED20110107ADP	45 09 27.40 123 17 26.30	0.750 102	62.2 236	20.0	28.0	19.7
212A Tillamook	KLON	LIC	CN OR	227.2 46.5	113.25 0000095303	45 27 57.90 123 55 15.40	0.028 399	43.5 463	13.1	42.5	21.3
211A Raymond	KBSG	LIC	CN WA	310.4 129.8	91.93 BLED20180921ABP	46 41 43.40 123 46 21.60	0.440 279	39.2 369	26.0	25.6	24.9
211A Seaside	765284	CP	DCN OR	254.8 74.0	86.79 0000167066	45 57 10.10 123 56 18.40	1.000 125	14.2 237	10.2	44.2	33.1
266C Portland	KXL-FM«	LIC	CN OR	172.6 352.6	72.51 BLH20100503ACD	45 30 57.40 122 44 03.40	100.000 502	0.0 594	0.0	28.5R	44.0M
266C Portland	KXL-FM«	ALO		172.6 352.6	72.51	45 30 57.40 122 44 03.40	100.000 600	0.0 690	0.0	28.5R	44.0M

Terrain database is FCC 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= - ZN2, Co to 3rd adjacent.
 All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt (Y,N,X)
 « = Station meets FCC minimum distance spacing for its class.
 < = Contour Overlap
 Reference station has protected zone issue: Canada