

Gray Frierson Haertig & Assoc.  
Portland, Oregon

CHANNEL PRECLUSION STUDY  
Pacific Lutheran University, Inc.  
Tacoma, Washington

REFERENCE  
48 35 42. N.  
122 09 35. W.

Class= D , Pwr=0.043 kW DA, HAAT= 0 M, COR= 1316 M  
Average Protected F(50-50)= 4.52 km  
Standard Directional

DISPLAY DATES  
DATA 02-15-11  
SEARCH 02-15-11

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*
--- Channel 269 101.7 MHz. ---										
269A AL2284	Abbotsford	BC	352.8 172.7	51.3	49 03 09.0 122 14 53.0	6.000 100	68.3 134	38.0	-31.0*<	-61.0<
6/28/2010: Request for deletion in 6/8/2010 letter accepted by IB in 6/28/2010 letter.										
268C KPLZ-FM	Seattle	LIC _C_ WA	178.1 358.1	116.9 BLH20010205AAH	47 32 40.0 122 06 26.0	100.000 385	123.8 511	83.3 Fisher Broadcasting - Seat	-25.7*<	2.5
268D 634235	Bellingham	APP _C_ WA	316.1 135.9	31.9 BNPFT20030317KFD	48 48 04.0 122 27 40.0	0.075	11.2 192	7.8 Pacific Lutheran University	-5.9<	-18.1<
266C CFMI FM	New Westminster	PRO ?HY BC	326.0 145.4	102.8	49 21 29.0 122 57 09.0	75.000 686	13.3 686	97.0	94.0R	8.8M
270B CFUVFM	Victoria	BC	257.9 77.0	91.3	48 25 00.0 123 22 00.0	50.000 150	81.1 177	65.0	62.0R	29.3M
Special Negotiated Short-Spaced Allocation. Used by Class A Station CFUV-FM However, Allotment Remains Class B per Canadian Letter 950220										
269A R53714	Nanaimo	BC	298.1 116.7	152.0	49 13 20.0 124 00 07.0	6.000 100	86.7 100	38.0	112.0R	40.0M
11/28/2000: proposed 11/6/00--accepted 11/28/00										
271A CBUF-1	Chilliwack	OPE _CN BC	21.7 201.9	61.7	49 06 36.0 121 50 47.0	0.081 199	0.6 255	10.6	20.0R	41.7M
270A R29284	Maple Ridge	ADD _C_ BC	335.1 154.8	76.2	49 12 57.0 122 36 05.0	6.000 100	43.7 100	38.0	22.0R	54.2M
CANADIAN PROPOSAL										
--- Channel 270 101.9 MHz. ---										
270B CFUVFM	Victoria	BC	257.9 77.0	91.3	48 25 00.0 123 22 00.0	50.000 150	140.6 177	65.0	-71.8*<	-70.9<
Special Negotiated Short-Spaced Allocation. Used by Class A Station CFUV-FM However, Allotment Remains Class B per Canadian Letter 950220										
270A R29284	Maple Ridge	ADD _C_ BC	335.1 154.8	76.2	49 12 57.0 122 36 05.0	6.000 100	86.7 100	38.0	-32.1*<	-54.7<
CANADIAN PROPOSAL										
270A CFUVFM	Victoria	OPE _HN BC	260.7 79.8	86.2	48 27 52.0 123 18 35.0	2.290 58	67.3 79	27.7	-3.6<	-38.5<
270A CITRFM	Vancouver	BC	313.6 132.8	109.5	49 16 07.0 123 15 01.0	6.000 100	86.7 100	38.0	-4.0<	-32.8<
270A CITRFM	Vancouver	PRO ?HN BC	313.6 132.8	109.5	49 16 07.0 123 15 01.0	1.800 103	68.9 103	29.9	13.8	-24.7<
271D K271AH	Camano	LIC _C_ WA	222.0 41.7	42.1 BLFT20081112AFA	48 18 49.0 122 32 23.0	0.115	19.7 159	13.1 Jim And Ann Keane	-6.5<	-16.7<
269A AL2284	Abbotsford	BC	352.8 172.7	51.3	49 03 09.0 122 14 53.0	6.000 100	23.5 134	38.0	22.0R	29.3M
6/28/2010: Request for deletion in 6/8/2010 letter accepted by IB in 6/28/2010 letter.										
271A CBUF-1	Chilliwack	OPE _CN BC	21.7 201.9	61.7	49 06 36.0 121 50 47.0	0.081 199	10.6 255	10.6	22.0R	39.7M
270D CITRFM	Vancouver	SOP ?HN BC	313.6 132.8	109.5	49 16 07.0 123 15 01.0	0.049 103	29.3 103	12.3	65.0R	44.5M

Terrain database is USGS 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin KM  
Contour distances are on direct line to and from reference station. Reference Zone = 2  
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.

Reference station has protected zone issue: Canada