

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

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

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CH CITY	CALL	TYPE ANT STATE	ANT AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
--- Channel 213 90.5 MHz. ---										
213C	R29860	VAC	270.5	102.1	48 35 41.0	100.000	206.8	97.0	-127.4*<	-92.3<
Victoria		BC	89.5		123 32 37.0	600	765			
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 58kw ERP and 600m HAAT or the equivalent along the 152 degree azimuth toward Seattle, WA. and limited to 41kw ERP and 600m HAAT or the equivalent along the 169.2 degree azimuth toward Chehalis, WA.-Accepted by Commission 970804										
213C	CBCV-FM	OPE ?HN	270.5	102.1	48 35 41.0	6.300	145.9	68.9	-66.6*<	-64.2<
Victoria		BC	89.5		123 32 37.0	494	655			
06Z2	CHEKTV	LI _HN	285.4	77.0	48 46 28.0	100.000	10.7	120.0	130.7R	-53.7M
Victoria		BC	104.7		123 10 10.0	496	508	Chek Tv Ltd		
212A	KQOW	CP DCX	316.1	31.9	48 48 04.0	0.100	11.5	8.1	-6.3<	-18.4<
Bellingham		WA	135.9	BMPED20100601AGC	122 27 40.0	95	187	Kuow/puget Sound Public Ra		
212D	K212FG	LIC _C_	316.1	31.9	48 48 04.0	0.075	10.6	7.3	-5.3<	-17.6<
Bellingham		WA	135.9	BLFT20050607ACZ	122 27 40.0		184	The University of Washing		
216D	K216EN	LIC DC_	0.0	0.0	48 35 42.0	0.043	0.1	9.5	-9.6*<	-9.6*<
Mount Vernon		WA	0.0	BLFT20000323ACE	122 09 35.0		1316	Pacific Lutheran Universit		
06	VACANT	GR _HN	285.4	77.0	48 46 28.0	0.580	10.7	63.4	74.1R	2.9M
Victoria		BC	104.7	BPFS20081121ACB	123 10 10.0	496	508			
215C1	AL4490«		325.8	102.5	49 21 12.0	100.000	10.1	86.0	74.0R	28.5M
Vancouver		BC	145.2		122 57 18.0	299	299			
Specially negotiated, short-spaced allotment limited to 1.16kw ERP and 822.2m HAAT or the equivalent toward s 215C1 in Tacoma, WA 1/14/2009: Industry Canada lists this as a C1 facility.										
215B	NEW«	OPE ?HN	325.8	102.5	49 21 12.0	0.625	1.7	62.2	54.0R	48.5M
Vancouver		BC	145.2		122 57 18.0	567	885			
--- Channel 214 90.7 MHz. ---										
213C	R29860	VAC	270.5	102.1	48 35 41.0	100.000	143.4	97.0	-64.0*<	-47.4<
Victoria		BC	89.5		123 32 37.0	600	765			
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 58kw ERP and 600m HAAT or the equivalent along the 152 degree azimuth toward Seattle, WA. and limited to 41kw ERP and 600m HAAT or the equivalent along the 169.2 degree azimuth toward Chehalis, WA.-Accepted by Commission 970804										
06Z2	CHEKTV	LI _HN	285.4	77.0	48 46 28.0	100.000	8.5	120.0	128.5R	-51.5M
Victoria		BC	104.7		123 10 10.0	496	508	Chek Tv Ltd		
214A	KSER	LIC _CN	176.8	63.5	48 01 28.0	5.800	82.4	25.2	-37.0*<	-28.1<
Everett		WA	356.8	BLED19990415KA	122 06 41.0	92	184	Kser Foundation		
Application amemded 2/9/1998										
213C	CBCV-FM	OPE ?HN	270.5	102.1	48 35 41.0	6.300	94.4	68.9	-15.0<	-19.3<
Victoria		BC	89.5		123 32 37.0	494	655			
216D	K216EN	LIC DC_	0.0	0.0	48 35 42.0	0.043	0.1	9.5	-9.6*<	-9.6*<
Mount Vernon		WA	0.0	BLFT20000323ACE	122 09 35.0		1316	Pacific Lutheran Universit		
06	VACANT	GR _HN	285.4	77.0	48 46 28.0	0.580	8.5	63.4	71.9R	5.1M
Victoria		BC	104.7	BPFS20081121ACB	123 10 10.0	496	508			
217C	R29236«	ADD	270.5	102.1	48 35 41.0	100.000	15.7	97.0	94.0R	8.1M
Victoria		BC	89.5		123 32 37.0	600	765			
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 41.3kw ERP and 600m HAAT or the equivalent along the 82 degree azimuth toward Bellingham, WA and limited to 22.8kw ERP and 600m HAAT or the equivalent along the 168 degree azimuth toward centralia, WA and limited to 2.6kw ERP and 600m HAAT along the 156 degree azimuth and 10.4kw ERP and 600m HAAT along the 78 degree azimuth or the equivalent to ward Bellevue, WA Accepted by Commission 970804										
217C	NEW«	PRO ?CN	270.5	102.1	48 35 41.0	3.500	3.8	62.7	94.0R	8.1M
Victoria		BC	89.5		123 32 37.0	494	655			
ib concurrence 990609, specially negotiated, short-spaced allotment limited to 41.3kw/600m HAAT or the equivalent along 82 deg. az. toward CH219A in Bellingham, WA, 22.8kw/600m HAAT or the equivalent along 160 deg. az. towards CH217A										

CH CITY	CALL	TYPE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
214A North	CBRNF« Bend	OPE _HN BC		19.5 200.0	152.2	49 52 59.0 121 27 08.0	0.096 -905	18.4 -905	7.9	112.0R	40.2M
214A Boston Bar	CBRWF« BC	OPE _CN BC		19.5 200.0	152.2	49 52 59.0 121 27 08.0	0.096 905	92.4 905	44.6	112.0R	40.2M
215B Vancouver	NEW« BC	OPE ?HN BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	0.625 567	72.6 885	62.2	62.0R	40.5M
211A Burnaby	AL4737« BC	_____ BC		324.3 143.7	94.2	49 16 47.0 122 55 04.0	6.000 100	2.8 100	38.0	40.0R	54.2M
211A Burnaby	NEW« BC	PRO _HN BC		324.3 143.7	94.2	49 16 47.0 122 55 04.0	0.450 207	1.5 373	39.5	40.0R	54.2M
--- Channel 215 90.9 MHz. ---											
215C1 Vancouver	AL4490 BC	_____ BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	100.000 299	171.9 299	86.0	-93.9*<	-82.8<
Specially negotiated, short-spaced allotment limited to 1.16kw ERP and 822.2m HAAT or the equivalent toward s 215C1 in Tacoma, WA 1/14/2009: Industry Canada lists this as a C1 facility.											
215B Vancouver	NEW BC	OPE ?HN BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	0.625 567	119.6 885	62.2	-41.6*<	-59.0<
06Z2 Victoria	CHEKTV BC	LI _HN BC		285.4 104.7	77.0	48 46 28.0 123 10 10.0	100.000 496	6.7 508	120.0 Chek Tv Ltd	126.7R	-49.7M
216D Mount Vernon	K216EN WA	LIC DC_ WA		0.0 0.0	0.0 BLFT20000323ACE	48 35 42.0 122 09 35.0	0.043	17.3 1316	9.5 Pacific Lutheran Universit	-26.8*<	-26.8*<
216C2 Port Townsend	KROH WA	CP DCX WA		221.6 41.0	85.8 BMPED20100722HYS	48 00 58.0 122 55 29.0	1.150 456	69.4 657	45.8	-12.5<	-5.8<
11/16/2010: Accepted on channel 216-B by Industry Canada in 10/26/2010 letter as a specially negotiated, short-spaced allotment limited to the proposed parameters, including directional antenna pattern, towards channel 215C1(L) in Vancouver, BC (Az. = 325 deg to 355 deg).											
06 Victoria	VACANT BC	GR _HN BC		285.4 104.7	77.0 BPFS20081121ACB	48 46 28.0 123 10 10.0	0.580 496	6.7 508	63.4	70.1R	6.9M
217C Victoria	R29236« BC	ADD _HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	15.7 765	97.0	94.0R	8.1M
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 41.3kw ERP and 600m HAAT or the equivalent along the 82 degree azimuth toward Bellingham, WA and limited to 22.8kw ERP and 600m HAAT or the equivalent along the 168 degree azimuth toward centralia, WA and limited to 2.6kw ERP and 600m HAAT along the 156 degree azimuth and 10.4kw ERP and 600m HAAT along the 78 degree azimuth or the equivalent to ward Bellevue, WA Accepted by Commission 970804											
217C Victoria	R43110« BC	DEL _HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	15.7 765	97.0	94.0R	8.1M
213C Victoria	CBCV-FM« BC	OPE ?HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	6.300 494	5.0 655	68.9	94.0R	8.1M
217C Victoria	NEW« BC	PRO ?CN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	3.500 494	3.8 655	62.7	94.0R	8.1M
ib concurrence 990609, specially negotiated, short-spaced allotment limited to 41.3kw/600m HAAT or the equivalent along 82 deg. az. toward CH219A in Bellingham, WA, 22.8kw/600m HAAT or the equivalent along 160 deg. az. towards CH217A in Centralia, WA and 2.6kw/600m and 10.4kw/600m or the equivalent along 156 deg. and 78 deg. azimuths, respectively, towards CH217B1 in Bellevue, WA.											
213C Victoria	R29860« BC	VAC _HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	15.7 765	97.0	94.0R	8.1M
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 58kw ERP and 600m HAAT or the equivalent along the 152 degree azimuth toward Seattle, WA. and limited to 41kw ERP and 600m HAAT or t he equivalent along the 169.2 degree azimuth toward Chehalis, WA.-Accepted by Commission 970804											
212A Harrison Hot Spring	R11265« BC	VAC _HN BC		19.7 200.0	82.6	49 17 38.0 121 46 35.0	6.000 100	2.8 100	38.0	40.0R	42.6M
4/18/2006: Proposed 4/18/06. 4/19/2006: Accepted on channel 212A by IB in 4/19/06 letter, not special ly negotiated.											
--- Channel 216 91.1 MHz. ---											
217C Victoria	R29236 BC	ADD _HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	143.4 765	97.0	-64.0*<	-47.4<
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 41.3kw ERP and 600m HAAT or the equivalent along the 82 degree azimuth toward Bellingham, WA and limited to 22.8kw ERP and 600m HAAT or the equivalent along the 168 degree azimuth toward centralia, WA and limited to 2.6kw ERP and 600m HAAT along the 156 degree azimuth and 10.4kw ERP and 600m HAAT along the 78 degree azimuth or the equivalent to ward Bellevue, WA Accepted by Commission 970804											
217C Victoria	R43110 BC	DEL _HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	143.4 765	97.0	-64.0*<	-47.4<
216C2 Port Townsend	KROH WA	CP DCX WA		221.6 41.0	85.8 BMPED20100722HYS	48 00 58.0 122 55 29.0	1.150 456	116.7 657	45.8	-59.9*<	-48.7<
11/16/2010: Accepted on channel 216-B by Industry Canada in 10/26/2010 letter as a specially negotiated, short-spaced allotment limited to the proposed parameters, including directional antenna pattern, towards channel 215C1(L) in Vancouver, BC (Az. = 325 deg to 355 deg).											

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # *IN* 3 (Overlap in km)	*OUT*
216D Mount Vernon	K216EN	LIC DC_ WA		0.0 0.0	0.0 BLFT20000323ACE	48 35 42.0 122 09 35.0	0.043	44.0 1316	9.5 Pacific Lutheran Universit	-53.5*<	-53.5*<
06Z2 Victoria	CHEKTV	LI _HN BC		285.4 104.7	77.0	48 46 28.0 123 10 10.0	100.000 496	6.0 508	120.0 Chek Tv Ltd	126.0R	-49.0M
217C Victoria	NEW	PRO ?CN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	3.500 494	86.2 655	62.7	-6.8*<	-13.1*<
ib concurrence 990609, specially negotiated, short-spaced allotment limited to 41.3kw/600m HAAT or the equivalent along 82 deg. az. toward CH219A in Bellingham, WA, 22.8kw/600m HAAT or the equivalent along 160 deg. az. towards CH217A in Centralia, WA and 2.6kw/600m and 10.4kw/600m or the equivalent along 156 deg. and 78 deg. azimuths, respectively, towards CH217B1 in Bellevue, WA.											
219A Mount Vernon	KSVR	LIC DCX WA		206.3 26.2	24.6 BLED20021112AAQ	48 23 49.0 122 18 26.0	0.170 204	0.5 308	14.0 Board of Trustees Of Skagi	-4.5*<	10.1
06 Victoria	VACANT	GR _HN BC		285.4 104.7	77.0 BPFS20081121ACB	48 46 28.0 123 10 10.0	0.580 496	6.0 508	63.4 69.4R	7.6M	
213C Victoria	R29860«	VAC _ BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	15.7 765	97.0 94.0R	8.1M	
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 58kw ERP and 600m HAAT or the equivalent along the 152 degree azimuth toward Seattle, WA. and limited to 41kw ERP and 600m HAAT or the equivalent along the 169.2 degree azimuth toward Chehalis, WA.-Accepted by Commission 970804											
213C Victoria	CBCV-FM«	OPE ?HN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	6.300 494	5.0 655	68.9 94.0R	8.1M	
215C1 Vancouver	AL4490«	_ BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	100.000 299	105.0 299	86.0 84.0R	18.5M	
Specially negotiated, short-spaced allotment limited to 1.16kw ERP and 822.2m HAAT or the equivalent toward s 215C1 in Tacoma, WA 1/14/2009: Industry Canada lists this as a C1 facility.											
219A Chilliwack	CBYFFM«	OPE _HN BC		21.7 201.9	61.7	49 06 36.0 121 50 47.0	0.500 202	1.6 258	17.0 40.0R	21.7M	
215B Vancouver	NEW«	OPE ?HN BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	0.625 567	72.6 885	62.2 62.0R	40.5M	
--- Channel 217 91.3 MHz. ---											
217C Victoria	R29236	ADD _ BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	206.8 765	97.0	-127.4*<	-92.3*<
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 41.3kw ERP and 600m HAAT or the equivalent along the 82 degree azimuth toward Bellingham, WA and limited to 22.8kw ERP and 600m HAAT or the equivalent along the 168 degree azimuth toward centralia, WA and limited to 2.6kw ERP and 600m HAAT along the 156 degree azimuth and 10.4kw ERP and 600m HAAT along the 78 degree azimuth or the equivalent toward Bellevue, WA Accepted by Commission 970804											
217C Victoria	R43110	DEL _ BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	206.8 765	97.0	-127.4*<	-92.3*<
217C Victoria	NEW	PRO ?CN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	3.500 494	136.0 655	62.7	-56.6*<	-58.0*<
ib concurrence 990609, specially negotiated, short-spaced allotment limited to 41.3kw/600m HAAT or the equivalent along 82 deg. az. toward CH219A in Bellingham, WA, 22.8kw/600m HAAT or the equivalent along 160 deg. az. towards CH217A in Centralia, WA and 2.6kw/600m and 10.4kw/600m or the equivalent along 156 deg. and 78 deg. azimuths, respectively, towards CH217B1 in Bellevue, WA.											
06Z2 Victoria	CHEKTV	LI _HN BC		285.4 104.7	77.0	48 46 28.0 123 10 10.0	100.000 496	5.3 508	120.0 Chek Tv Ltd	125.3R	-48.4M
216D Mount Vernon	K216EN	LIC DC_ WA		0.0 0.0	0.0 BLFT20000323ACE	48 35 42.0 122 09 35.0	0.043	17.3 1316	9.5 Pacific Lutheran Universit	-26.8*<	-26.8*<
216C2 Port Townsend	KROH	CP DCX WA		221.6 41.0	85.8 BMPED20100722HYS	48 00 58.0 122 55 29.0	1.150 456	69.4 657	45.8 Port Townsend Seventh-day	-12.5*<	-5.8*<
11/16/2010: Accepted on channel 216-B by Industry Canada in 10/26/2010 letter as a specially negotiated, short-spaced allotment limited to the proposed parameters, including directional antenna pattern, towards channel 215C1(L) in Vancouver, BC (Az. = 325 deg to 355 deg).											
219A Mount Vernon	KSVR	LIC DCX WA		206.3 26.2	24.6 BLED20021112AAQ	48 23 49.0 122 18 26.0	0.170 204	0.5 308	14.0 Board of Trustees Of Skagi	-4.5*<	10.1
06 Victoria	VACANT	GR _HN BC		285.4 104.7	77.0 BPFS20081121ACB	48 46 28.0 123 10 10.0	0.580 496	5.3 508	63.4 68.7R	8.2M	
215C1 Vancouver	AL4490«	_ BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	100.000 299	10.1 299	86.0 74.0R	28.5M	
Specially negotiated, short-spaced allotment limited to 1.16kw ERP and 822.2m HAAT or the equivalent toward s 215C1 in Tacoma, WA 1/14/2009: Industry Canada lists this as a C1 facility.											
219A Chilliwack	CBYFFM«	OPE _HN BC		21.7 201.9	61.7	49 06 36.0 121 50 47.0	0.500 202	1.6 258	17.0 20.0R	41.7M	
215B Vancouver	NEW«	OPE ?HN BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	0.625 567	1.7 885	62.2 54.0R	48.5M	



CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 5 *IN* (Overlap in km)	*OUT*
216D Mount Vernon	K216EN	LIC DC_ WA		0.0 0.0	0.0 BLFT20000323ACE	48 35 42.0 122 09 35.0	0.043	0.1 1316	9.5 Pacific Lutheran Universit	-9.6*<	-9.6*<
221C Victoria	R29579«	ADD ____ BC		264.6 83.6	97.5	48 30 20.0 123 28 23.0	100.000 600	15.1 731	97.0	94.0R	3.5M
221C Victoria	CJRQFM«	PRO ?HY BC		280.7 99.7	99.5	48 45 13.0 123 29 25.0	87.000 636	14.1 704	99.2	94.0R	5.5M
217C Victoria	R29236«	ADD ____ BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	15.7 765	97.0	94.0R	8.1M
Proposed by Canada 970618-Specially negotiated, short-spaced allotment limited to 41.3kw ERP and 600m HAAT or the equivalent along the 82 degree azimuth toward Bellingham, WA and limited to 22.8kw ERP and 600m HAAT or the equivalent along the 168 degree azimuth toward centralia, WA and limited to 2.6kw ERP and 600m HAAT along the 156 degree azimuth and 10.4kw ERP and 600m HAAT along the 78 degree azimuth or the equivalent to ward Bellevue, WA Accepted by Commission 970804											
217C Victoria	R43110«	DEL ____ BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	100.000 600	15.7 765	97.0	94.0R	8.1M
217C Victoria	NEW«	PRO ?CN BC		270.5 89.5	102.1	48 35 41.0 123 32 37.0	3.500 494	3.8 655	62.7	94.0R	8.1M
ib concurrence 990609, specially negotiated, short-spaced allotment limited to 41.3kw/600m HAAT or the equivalent along 82 deg. az. toward CH219A in Bellingham, WA, 22.8kw/600m HAAT or the equivalent along 160 deg. az. towards CH217A in Centralia, WA and 2.6kw/600m and 10.4kw/600m or the equivalent along 156 deg. and 78 deg. azimuths, respectively, towards CH217B1 in Bellevue, WA.											
06 Victoria	VACANT	GR _HN BC		285.4 104.7	77.0 BPFS20081121ACB	48 46 28.0 123 10 10.0	0.580 496	2.6 508	63.4	65.9R	11.0M
219C1 Gibsons-sechelt	R10667«	USE ____ BC		294.8 113.4	151.7	49 09 02.0 124 02 55.0	100.000 299	171.9 299	86.0	133.0R	18.7M
6/3/2005: Proposed by Canada in 1/17/05 letter as a specially negotiated, short-spaced allotment limited to 5kw ERP and 790m HAAT (or equivalent) towards channel 218A in Port Angeles, WA (Az. = 150.9 degrees); to 1.5kw ERP and 765m HAAT (or equivalent) towards channel 219C2 in Tacoma, WA (Az. = 148.6 degrees); to 21w ERP towards channel 219A in Bellingham, WA and 955m HAAT (Az. = 101.3 degrees), 949m HAAT (Az. = 103.7 degrees), 916m HAAT (Az. = 116.5 degrees); 906m HAAT (Az. = 120.5 degrees) and to 120w ERP and 900m HAAT (or equivalent) towards channel 219A in Mount Vernon, WA (Az. = 123.1 degrees). 6/8/2005: Accepted 6/8/05.											
219C1 Gibsons-sechelt	1067115«	ADD DCN BC		294.8 113.4	151.7	49 09 02.0 124 02 55.0	2.100 759	74.7 1049	33.0	133.0R	18.7M
6/6/2005: Proposed by Canada by letter dated 1/17/05. 6/8/2005: Accepted 6/8/05 as a specially negotiated, short-spaced allotment limited to 5kw ERP and 790m HAAT (or equivalent) towards channel 218A in Port Angeles, WA (Az. = 150.9 degrees); to 1.5kw ERP and 765m HAAT (or equivalent) towards channel 219C2 in Tacoma, WA (Az. = 148.6 degrees); to 21w ERP towards channel 219A in Bellingham, WA and 955m HAAT (Az. = 101.3 degrees), 949m HAAT (Az. = 103.7 degrees), 916m HAAT (Az. = 116.5 degrees); 906m HAAT (Az. = 120.5 degrees) and to 120w ERP and 900m HAAT (or equivalent) towards channel 219A in Mount Vernon, WA (Az. = 123.1 degree s).											
222C1 Vancouver	AL4604«	____ BC		325.8 145.2	102.5	49 21 12.0 122 57 18.0	100.000 299	10.1 299	86.0	74.0R	28.5M
specially negotiated, short-spaced allotment limited to 3kw ERP and 825m HAAT or the equivalent along 160.3 degrees towards 223C in Bellevue, WA											

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), Beamtilt(Y,N,X)  
"\*"affixed to 'IN' or 'OUT' values = site inside protected contour.

Reference station has protected zone issue: Canada