

Gray Frierson Haertig & Assoc.
Portland, Oregon

The University of Montana
Missoula, Montana

REFERENCE CH# 213A - 90.5 MHz, Pwr= 1 kW, HAAT= -318.0 M, COR= 753 M
48 22 45.0 N. Average Protected F(50-50)= 10.16 km
115 33 29.0 W. Omni-directional

DISPLAY DATES
DATA 11-06-10
SEARCH 11-06-10

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*
213A Libby	KUFL	CP_CX MT		19.1 199.1	7.0 BNPED20071017AJA	48 26 20.0 115 31 37.0	1.000 137	87.9 1135	32.3 The University Of Montana	-91.1*<	-60.9*<
5/12/2008: Accepted on channel 213A by Industry Canada in letter dated 4/24/2008, not specially negotiated.											
211C1 Kalispell	KUKL	CP_DCX MT		80.6 261.5	90.7 BPED20070905ABO	48 30 22.0 114 20 49.0	2.500 786	2.7 2104	60.7 The University Of Montana	77.9	28.4
1/3/2008: Accepted on channel 211B by Canada in 12/17/07 letter as a specially negotiated short-spaced allotment limited to 37 W ERP and 505.8 m HAAT or the equivalent towards channel 211A in Burmis, AB (Az. = 6.0 degrees). 5/13/2008: Accepted on channel 211C1 by Canada in 5/02/2008 letter as a specially negotiated short-spaced allotment limited to 37 W ERP and 505.8 m HAAT or the equivalent to protect channel 211A in Burmis, AB (Az. = 6.0 degrees).											
214A Hope	KZRP	CP_ZHX ID		252.6 72.1	54.0 BNPED20071019AHF	48 13 56.9 116 15 06.2	0.160 -69	5.5 959	3.9 Community Development Ini	38.3	35.9
10/31/2008: Accepted on channel 214A by Industry Canada in 10/16/2008 letter. Note: not specially negotiated.											
210C1 Rathdrum	KYMS	LIC_ZVX ID		247.1 66.3	80.5 BLED20080319ABI	48 05 38.0 116 33 12.0	11.000 595	1.3 1389	38.7 Calvary Chapel Of Costa Me	69.0	40.1
213A Plains	NEW	CP_CX MT		154.7 335.3	123.5 BNPED20071019BDO	47 22 22.0 114 51 31.0	0.013 831	71.7 2067	20.0 Hi-Line Radio Fellowship,	41.7	67.8
9/2/2008: Accepted on channel 214C1 by Industry Canada in 8/20/2008 letter. Note: not specially negotiated. 5/5/2009: Accepted on channel 213A by Industry Canada in 4/21/2009 letter. Note: not short-spaced.											
215C3 Kalispell	KSPL	LIC_HN MT		80.6 261.5	90.7 BLED19970130KD	48 30 22.0 114 20 49.0	0.250 771	1.1 2090	43.5 The Moody Bible Institute	79.4	45.6
Satellite operation for station KMBI, Spokane, WA.											
06 2 Burmis	VACANT	GR_HN AB		37.3 218.4	162.5 BPFS20080929AIE	49 31 54.0 114 11 37.0	0.170 128	5.8 1474	22.0	27.8R	134.7M

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 = 2, Co to 3rd adjacent.
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.
« = Station meets FCC minimum distance spacing for its class.