

**EXHIBIT 15**  
**Contour Overlap Requirements**  
**Lockwood, MT KYWH**  
**BPED-19990526MC**  
**Minor Modification**

The allocation tabulation for the proposed station is reported on the following pages. A complete explanation of how to read the printout is shown on the page after that. Summarizing the explanation, each pair of lines represents an existing or proposed full service station. Entries which have a negative number in the columns marked **IN** or **OUT** could cause interference with the proposed station. At the bottom of the report the distance to the nearest TV-6 station is reported. For clarity, the groups are discussed in the order they first appear on the tabulation.

**Noncommercial Educational Stations and Applications**

All the stations/applications listed are clear of prohibited contour overlap on the straight line connecting them to the proposed station, since both the **IN** and **OUT** entries are positive in all cases except, of course, the entry reflecting the station being modified. Maps are provided for each entry where the straight line clearance was less than 20 km to certify the clearance extends to all azimuths. Visual inspection clearly shows there is no prohibited contour overlap; no FMOVER proofs are needed. The first line, after the entry of the station being modified, of the printout is KLMT, Billings. It is shown to be clear of both incoming and outgoing overlap in the map.

Maps are sufficient to certify the clearance of all the other entries.

**IF (53 or 54 channel spacing) relationships**

There were no IF spaced stations found in the study.

**TV channel 6**

KSVI, Billings is the closest TV6 station and is examined in Exhibit 18.

**Class Contour Distance**

The maximum proposed ERP is 1.9 kW, the 8 radial HAAT is 137.7 meters and the class contour distance in kilometers is 25.13 km, which after rounding is 25 km. According to §73.211(b)(1), this is a Class A class filing.

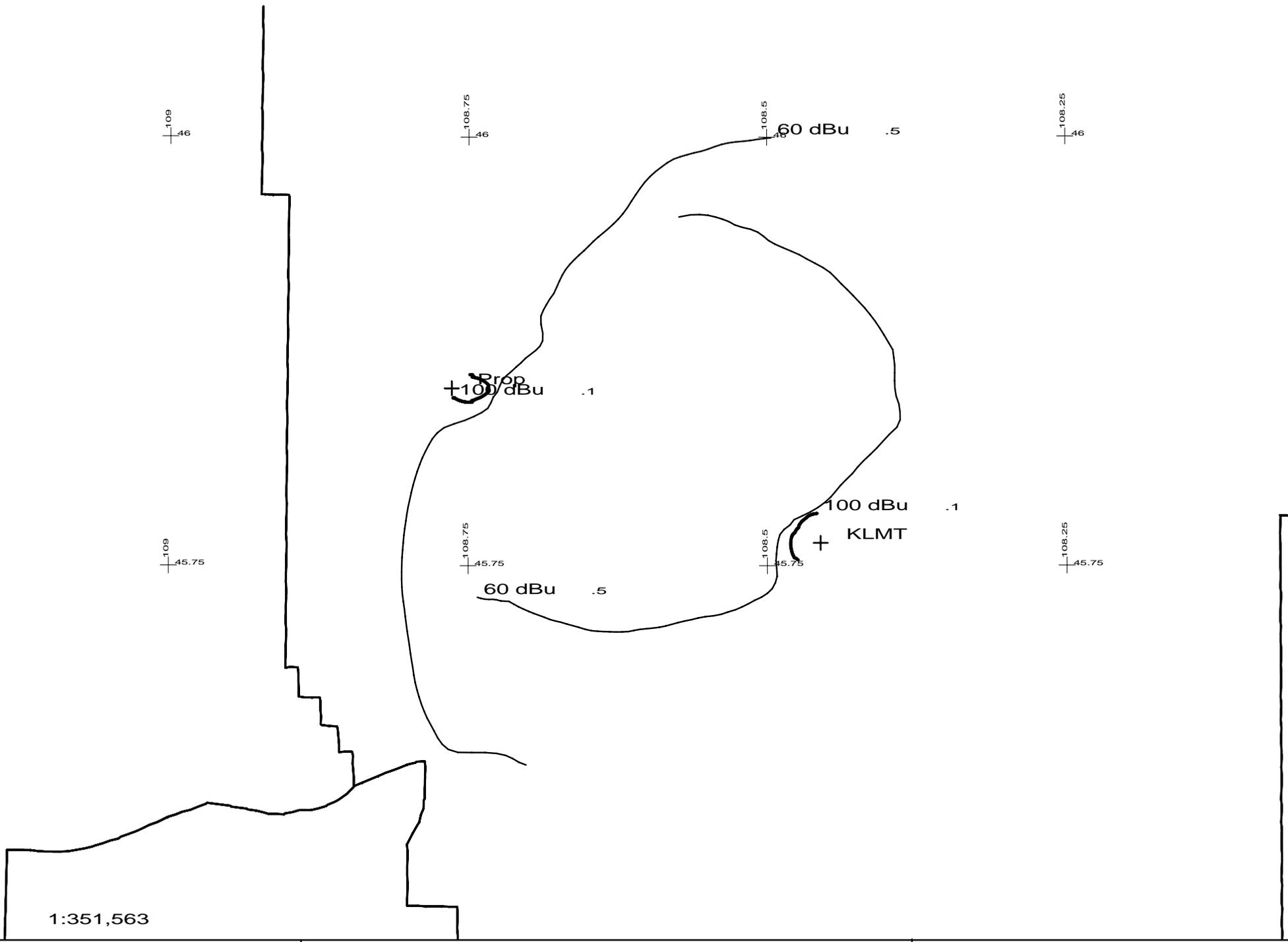
**This allocation study shows that no interference to existing or proposed FM stations will be produced by the proposed application. The Commission may properly grant a construction permit.**

KYWH LOCKWOOD, MT  
 BPED-19990526MC

CH# 205A - 88.9 MHz, Pwr= 1.9 kw, HAAT=137.7 M, COR= 1292 M      DISPLAY DATES  
 45 51 11 N      Average Protected F(50-50)= 25.13 km      DATA 11-19-05  
 108 45 50 W      Ave. F(50-10) 40 dbu= 75.6 54 dbu= 37.9 80 dbu= 8.0 100 dbu= 2.2      SEARCH 11-23-05

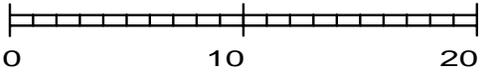
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
205C3 Lockwood	KYWH.C	CP MT	164.0 344.0	36.33 BPED19990526MC	45 32 20 108 38 07	0.750 400	1546 91.8	33.7 Csn International	-69.86	-45.08
207A Billings	KLMT	LIC MT	112.5 292.5	25.96 BLED20030121AAQ	45 45 48 108 27 20	0.980 161	1205 1.8	23.3 western Inspirational Broa	1.10	1.00
202A Pryor	KPGB	LIC MT	159.0 339.0	49.75 BLED20000605AOG	45 26 06 108 32 09	0.100 -85	1265 0.7	5.6 Faith Baptist Church	33.65	43.42
0622C Billings	KSVI	LI MT	98.7 278.7	33.31 BLCT19930119KE	45 48 26 108 20 25	100.000 300	1287	103.6 Nexstar Broadcasting, Inc.	To Grd B=	-70.28

ERP and HAAT are on direct line to and from reference station.  
 ".\*"Affixed to 'IN' or 'Out' values = site inside protected contour.



1:351,563

Scale in km



Prop 205A 1.9kW 1292M AMSL  
 KLMT 207A<sup>5</sup> .98kW 1205M AMSL

Prop vs KLMT  
 CSN - 11/05<sup>5</sup>

11-23-2005 03 Sec. Terrain Data

Prop BLED20050323AFX  
 Channel = 205A  
 Max ERP = 1.9 kW  
 RCAMSL = 1292 M  
 N. Lat = 455112  
 W. Lng = 1084550

KLMT BLED20030121AAQ  
 Channel = 207A  
 Max ERP = 0.98 kW  
 RCAMSL = 1205 M  
 N. Lat = 45 45 48  
 W. Lng = 108 27 20

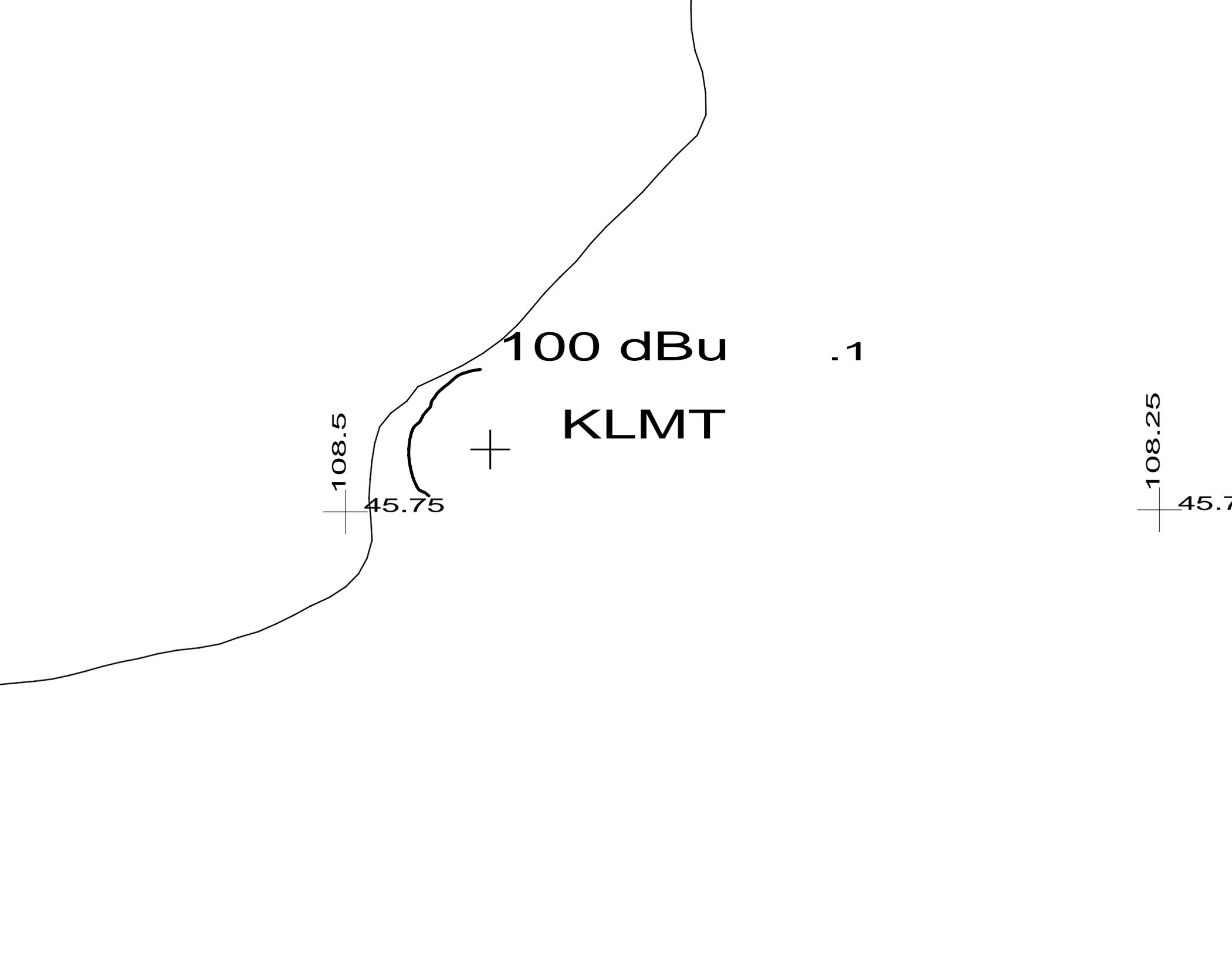
Protected  
 60 dBu

Interfering  
 100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
083.0	001.7481	0187.5	028.3	016.9	000.9800	0250.7	014.1	72.4
084.0	001.8233	0186.8	028.5	018.6	000.9800	0251.8	013.7	72.9
085.0	001.9000	0186.3	028.7	020.4	000.9800	0251.9	013.4	73.4
086.0	001.9000	0186.6	028.8	021.4	000.9800	0252.3	012.9	74.0
087.0	001.9000	0187.1	028.8	022.5	000.9800	0252.8	012.5	74.7
088.0	001.9000	0186.8	028.8	023.4	000.9800	0252.8	012.0	75.4
089.0	001.9000	0186.5	028.8	024.4	000.9800	0253.5	011.5	76.1
090.0	001.9000	0186.7	028.8	025.6	000.9800	0253.7	011.1	76.9
091.0	001.9000	0188.0	028.9	027.1	000.9800	0253.2	010.7	77.5
092.0	001.9000	0190.6	029.0	029.3	000.9800	0247.7	010.3	77.9
093.0	001.9000	0192.0	029.1	031.1	000.9800	0244.2	009.9	78.5
094.0	001.9000	0192.6	029.2	032.7	000.9800	0236.7	009.5	79.0
095.0	001.9000	0190.2	029.0	033.3	000.9800	0236.7	009.0	80.0
096.0	001.8304	0187.4	028.6	032.3	000.9800	0241.4	008.3	81.3
097.0	001.7620	0185.6	028.2	031.4	000.9800	0244.2	007.7	82.6
098.0	001.6950	0184.3	027.9	030.5	000.9800	0244.2	007.1	83.8
099.0	001.6292	0182.4	027.5	029.1	000.9800	0247.7	006.5	85.2
100.0	001.5648	0180.6	027.1	027.4	000.9800	0253.2	006.0	86.7
101.0	001.5016	0179.9	026.8	025.8	000.9800	0253.7	005.4	88.0
102.0	001.4398	0180.0	026.6	024.4	000.9800	0253.5	004.9	89.3
103.0	001.3792	0179.2	026.3	021.8	000.9800	0252.3	004.4	90.6
104.0	001.3200	0179.0	026.0	018.9	000.9800	0251.8	003.9	92.1
105.0	001.2620	0179.7	025.8	015.9	000.9800	0248.5	003.5	93.7
106.0	001.2105	0180.1	025.6	011.9	000.9800	0244.8	003.0	95.3
107.0	001.1601	0179.8	025.3	005.4	000.9800	0228.7	002.6	96.9
108.0	001.1108	0178.5	025.0	355.1	000.9800	0213.9	002.3	98.2
109.0	001.0625	0176.3	024.6	341.0	000.9800	0218.0	002.1	99.1

110.0	001.0153	0173.5	024.2		324.6	000.9800	0182.8	002.1	98.6
111.0	000.9692	0170.9	023.8		310.0	000.9800	0165.1	002.3	97.2
112.0	000.9241	0173.1	023.7		299.3	000.9800	0156.8	002.3	96.9
113.0	000.8801	0173.3	023.4		289.4	000.9800	0180.1	002.5	96.3
114.0	000.8372	0175.9	023.3		280.9	000.9800	0216.2	002.7	96.2
115.0	000.7954	0181.7	023.4		272.5	000.9800	0224.3	002.8	96.0
116.0	000.7630	0188.0	023.5		264.0	000.9800	0229.8	002.9	95.7
117.0	000.7313	0195.0	023.7		255.7	000.9800	0233.0	003.0	95.3
118.0	000.7003	0202.7	023.8		247.8	000.9800	0240.8	003.2	94.7

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
119.0	000.6699	0212.4	024.1	239.5	000.9800	0227.3	003.3	93.8
120.0	000.6403	0222.2	024.4	232.4	000.9800	0167.7	003.6	91.3
121.0	000.6113	0229.4	024.5	228.6	000.9800	0156.2	004.0	89.5
122.0	000.5829	0235.1	024.5	226.7	000.9800	0148.3	004.4	87.7
123.0	000.5553	0238.8	024.4	226.5	000.9800	0148.3	004.8	86.2
124.0	000.5283	0240.8	024.3	227.4	000.9800	0148.3	005.3	84.9
125.0	000.5020	0241.6	024.0	228.9	000.9800	0156.2	005.7	83.9
126.0	000.4817	0242.1	023.8	229.9	000.9800	0160.5	006.2	82.8
127.0	000.4618	0242.6	023.6	230.8	000.9800	0163.9	006.6	81.8
128.0	000.4423	0242.8	023.4	231.8	000.9800	0167.7	007.1	80.9
129.0	000.4233	0241.7	023.1	233.3	000.9800	0172.4	007.6	80.0
130.0	000.4047	0241.7	022.8	234.3	000.9800	0176.9	008.0	79.3
131.0	000.3865	0240.1	022.5	235.7	000.9800	0184.5	008.5	78.8
132.0	000.3687	0237.7	022.2	237.3	000.9800	0192.0	008.9	78.2
133.0	000.3513	0236.9	021.9	238.4	000.9800	0202.1	009.4	77.8
134.0	000.3344	0237.2	021.6	239.2	000.9800	0214.5	009.8	77.6
135.0	000.3178	0237.3	021.4	240.1	000.9800	0227.3	010.3	77.3
136.0	000.3049	0237.0	021.1	240.7	000.9800	0235.2	010.7	76.9
137.0	000.2923	0237.6	021.0	241.2	000.9800	0235.2	011.1	76.2
138.0	000.2799	0238.2	020.8	241.8	000.9800	0238.5	011.5	75.7
139.0	000.2678	0238.7	020.6	242.3	000.9800	0238.5	011.9	75.1
140.0	000.2559	0238.5	020.3	243.0	000.9800	0239.7	012.3	74.5
141.0	000.2443	0238.2	020.1	243.7	000.9800	0239.9	012.7	73.9
142.0	000.2330	0238.4	019.9	244.4	000.9800	0239.9	013.1	73.4
143.0	000.2220	0239.9	019.7	244.8	000.9800	0240.3	013.4	72.9



Contour

Terrain and Contour Data  
 Lockwood, MT Minor Modification  
 November 2005  
 BPED-19990526MC

N. Lat. = 45 51 12 W. Lng. = 108 45 50  
 HAAT and Distance to Contour - FCC Method - 03 Arc Sec.

PROP	Csn International					
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	1175.0	117.0	1.9000	2.79	1.000	23.47
045	1165.2	126.8	0.4047	-3.93	0.461	16.52
090	1105.3	186.7	0.0814	-10.89	0.207	13.38
135	1054.7	237.3	0.0814	-10.89	0.207	15.02
180	1110.4	181.6	0.0814	-10.89	0.207	13.21
225	1169.2	122.8	0.0814	-10.89	0.207	10.81
270	1223.6	68.4	0.0814	-10.89	0.207	8.06
315	1230.7	61.3	0.2435	-6.13	0.358	10.21

Ave EI = 1154.26 M HAAT= 137.74 M AMSL= 1292 M