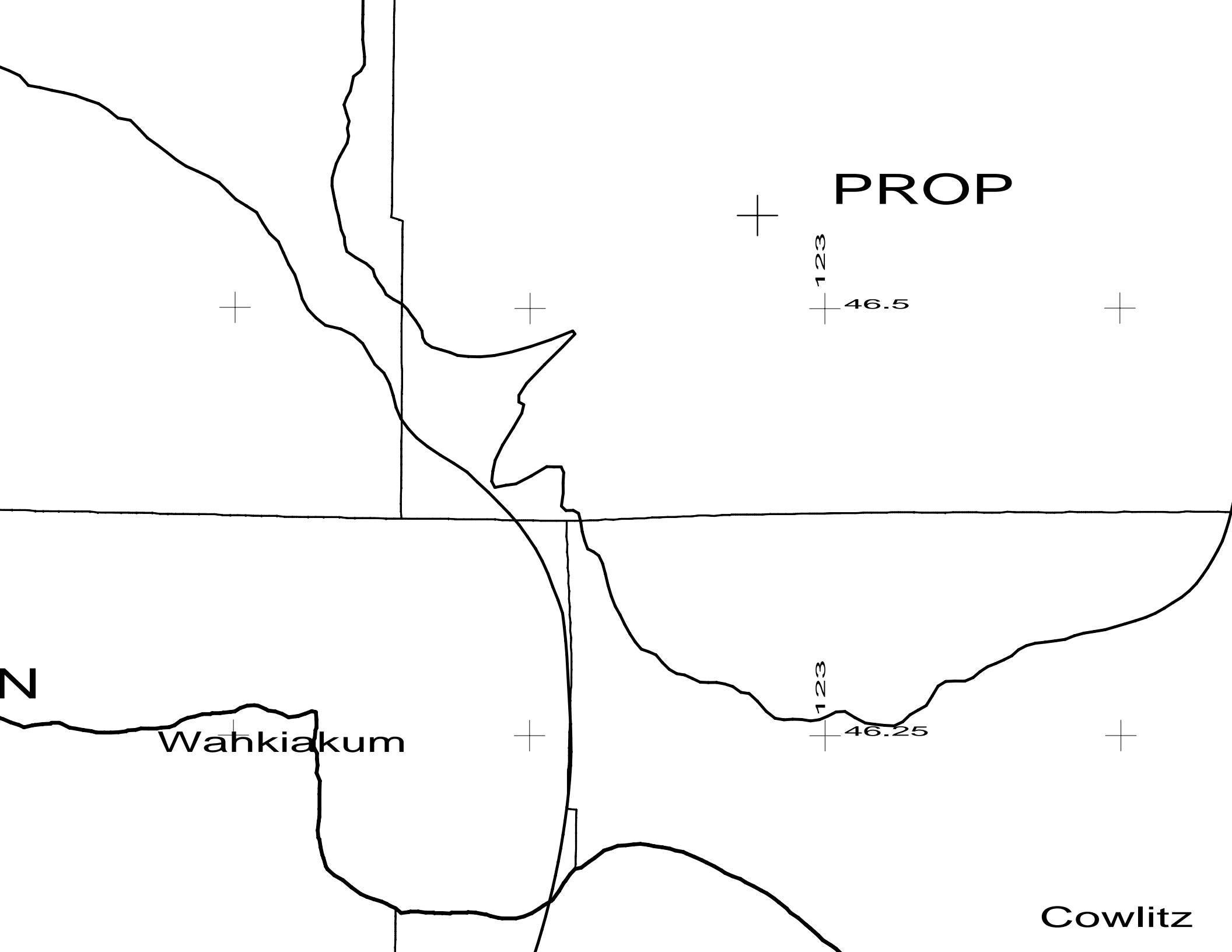
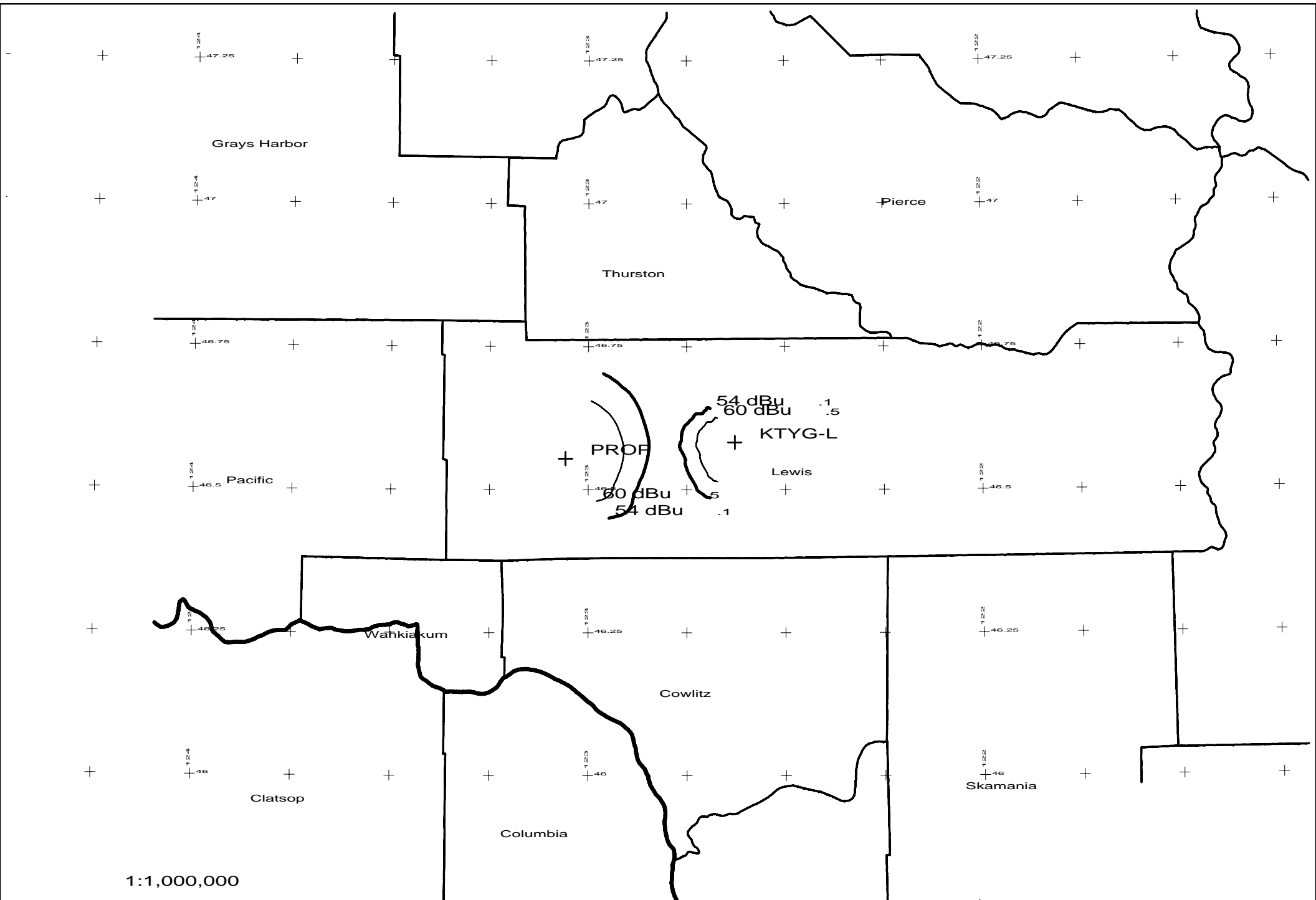


PROP 220D .013kW 480M AMSL
N. Lat. 46 33 16 W. Lng. 123 03 26

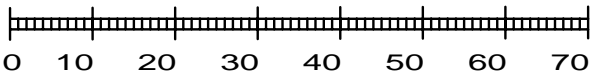
EX12
CCTF - 03/08





1:1,000,000

Scale in km



PROP 220D .013kW 480M AMSL

KTYG-L 221L1 .011kW 319M AMSL

PROP vs KTYG-L

CCTF - 03/08

Contour.out

TERRAIN AND CONTOUR DATA

CALVARY CHAPEL OF TWIN FALLS, INC.

K220HE CHEHALIS, WA

MARCH 2008

N. Lat. = 463316.0 W. Lng. = 1230326.0

HAAT and Distance to Contour - FCC Method - USGS 03 SEC

Azi .	AV EL	HAAT	ERP kW	dBk	Fi el d	60-F5
000	137.3	342.7	0.0113	-19.46	0.933	11.15
030	90.7	389.3	0.0130	-18.87	0.999	12.22
060	121.7	358.3	0.0130	-18.86	1.000	11.80
090	159.1	320.9	0.0130	-18.86	1.000	11.17
120	179.4	300.6	0.0127	-18.97	0.988	10.77
150	194.3	285.7	0.0103	-19.89	0.888	9.95
180	152.3	327.7	0.0065	-21.85	0.709	9.42
210	269.7	210.3	0.0043	-23.67	0.575	6.71
240	347.7	132.3	0.0038	-24.18	0.542	5.22
270	162.0	318.0	0.0039	-24.12	0.546	7.96
300	140.5	339.5	0.0048	-23.20	0.607	8.76
330	148.2	331.8	0.0077	-21.12	0.771	9.92

Ave EI = 175.25 M HAAT= 304.75 M AMSL= 480

Contour.out

CANADIAN COMPLIANCE
TERRAIN AND CONTOUR DATA
CALVARY CHAPEL OF TWIN FALLS, INC.
K22OHE CHEHALIS, WA
MARCH 2008
N. Lat. = 463316.0 W. Lng. = 1230326.0
HAAT and Distance to Contour - FCC Method - USGS 03 SEC

Azi .	AV EL	HAAT	ERP kW	dBk	Fi el d	34-F1
000	137.3	342.7	0.0113	-19.46	0.933	51.95
030	90.7	389.3	0.0130	-18.87	0.999	57.13
060	121.7	358.3	0.0130	-18.86	1.000	54.82
090	159.1	320.9	0.0130	-18.86	1.000	51.72
120	179.4	300.6	0.0127	-18.97	0.988	49.81
150	194.3	285.7	0.0103	-19.89	0.888	46.32
180	152.3	327.7	0.0065	-21.85	0.709	44.71
210	269.7	210.3	0.0043	-23.67	0.575	32.26
240	347.7	132.3	0.0038	-24.18	0.542	24.81
270	162.0	318.0	0.0039	-24.12	0.546	38.83
300	140.5	339.5	0.0048	-23.20	0.607	42.35
330	148.2	331.8	0.0077	-21.12	0.771	46.81

Ave EI = 175.25 M HAAT= 304.75 M AMSL= 480