

Allocation Considerations

Exhibit 16 page 2 shows that no prohibited overlap occurs with any domestic licensed or allocated FM facility. There are no prohibited IF relationships.

The HAAT figure used in these exhibits matches the HAAT from the FCC's HAAT calculator. A 3 second terrain database was used for all of the attached calculations and exhibits.

The applicant believes that the proposed facilities meet all of the pertinent requirements of 47 CFR §73.509.

Pullman, Washington
Bald ButteREFERENCE
46 37 59.0 N.
117 05 17.0 W.CH# 210A - 89.9 MHz, Pwr= 0.35 kW, HAAT= 240.0 M, COR= 1057.3 M
Average Protected F(50-50)= 21.98 kmDISPLAY DATES
DATA 09-29-07
SEARCH 10-08-07

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
06-2C KHQT Spokane		LI WA	_HY	351.6 171.4	106.58 BMLCT19860805KF	47 34 52.0 117 17 47.0	87.100 653	1373	127.5 Khq, Incorporated	138.0R	-31.4M
207A KUOI-FM Moscow Vertical Polarization Only		LIC ID	_VN	30.4 210.5	12.33 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0 University Of Idaho	0.14	4.04
263C2 KQZB Troy 5/11/2005: Accepted on 263B by Canada in 4/28/05 letter, not short-spaced.		CP ID	NCX	57.4 237.5	14.91 BNPH20041227ACH	46 42 18.0 116 55 25.0	26.500 209	24.6 1067	16.6 Pacific Empire Radio Corp	14.5R	0.4M
209A 990129MD West Clarkston 7/6/2005: Accepted on 209A by Canada in 6/22/05 letter, not short-spaced.		CP WA	_CN	164.3 344.3	22.43 BPED19990129MD	46 26 20.0 117 00 31.0	0.500 -185	12.0 374	8.5 Upper Columbia Media Corpo	0.79	0.47
213A KNW Clarkston		APP WA	_CX	182.7 2.7	19.57 BPED20070907AAX	46 27 26.0 117 06 00.0	0.420 322	1.4 908	12.9 Washington State Universit	7.36	6.29
209A 990823MA West Clarkston 7/6/2005: Accepted on Ch 209A by Canada in 6/22/05 letter at 46-26-20 NL, 117-00-31 WL.		APP WA	_VN	161.9 342.0	30.38 BPED19990823MA	46 22 24.0 116 57 54.0	0.800 -25	13.4 482	9.6 Living Faith Fellowship Ed	7.23	7.19
213A KNW Clarkston accepted by Canada as B1 940520		LIC WA	_CN	182.7 2.7	19.57 BLED19950721KA	46 27 26.0 117 06 00.0	0.250 324	1.1 908	11.4 Washington State Universit	7.69	7.79
210C1 KJWT Rathdrum		APP ID	ZVX	13.7 194.1	167.36 BPED20070813ACR	48 05 38.0 116 33 12.0	11.000 595	144.6 1389	63.0 Csn International	10.42	63.08
207A KJCF Clarkston		CP WA	DCX	212.3 32.2	25.39 BMPED20070606AAK	46 26 24.0 117 15 54.0	0.070 255	0.1 890	6.1 Csn International	12.32	18.76
211C3 KNWO Cottonwood		LIC ID	_CN	142.4 322.9	78.92 BLED19940207KA	46 04 09.0 116 27 54.0	0.250 612	43.9 1759	28.2 Washington State Universit	24.15	35.19
209C2 KWWS Walla Walla		LIC WA	_CN	229.4 48.6	110.14 BLED19970609KE	45 59 04.0 118 10 08.0	3.200 410	55.3 1206	37.1 Washington State Universit	36.77	46.25
208C1 KEWU-FM Cheney SPEC NEGTD SHORT SPACED ALLOC-LTD TO 100 KW @ 340 M		LIC WA	_CN	351.5 171.4	106.31 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	5.4 1148	56.2 Eastern Washington Univers	85.17	49.46
210C2 KJWT Rathdrum		LIC ID	DVX	13.7 194.1	167.36 BLED20060501A0Q	48 05 38.0 116 33 12.0	1.100 599	102.9 1393	38.1 Csn International	52.08	87.99

Terrain database is USGS 03 SEC

ERP and HAAT are on direct line to and from reference station.

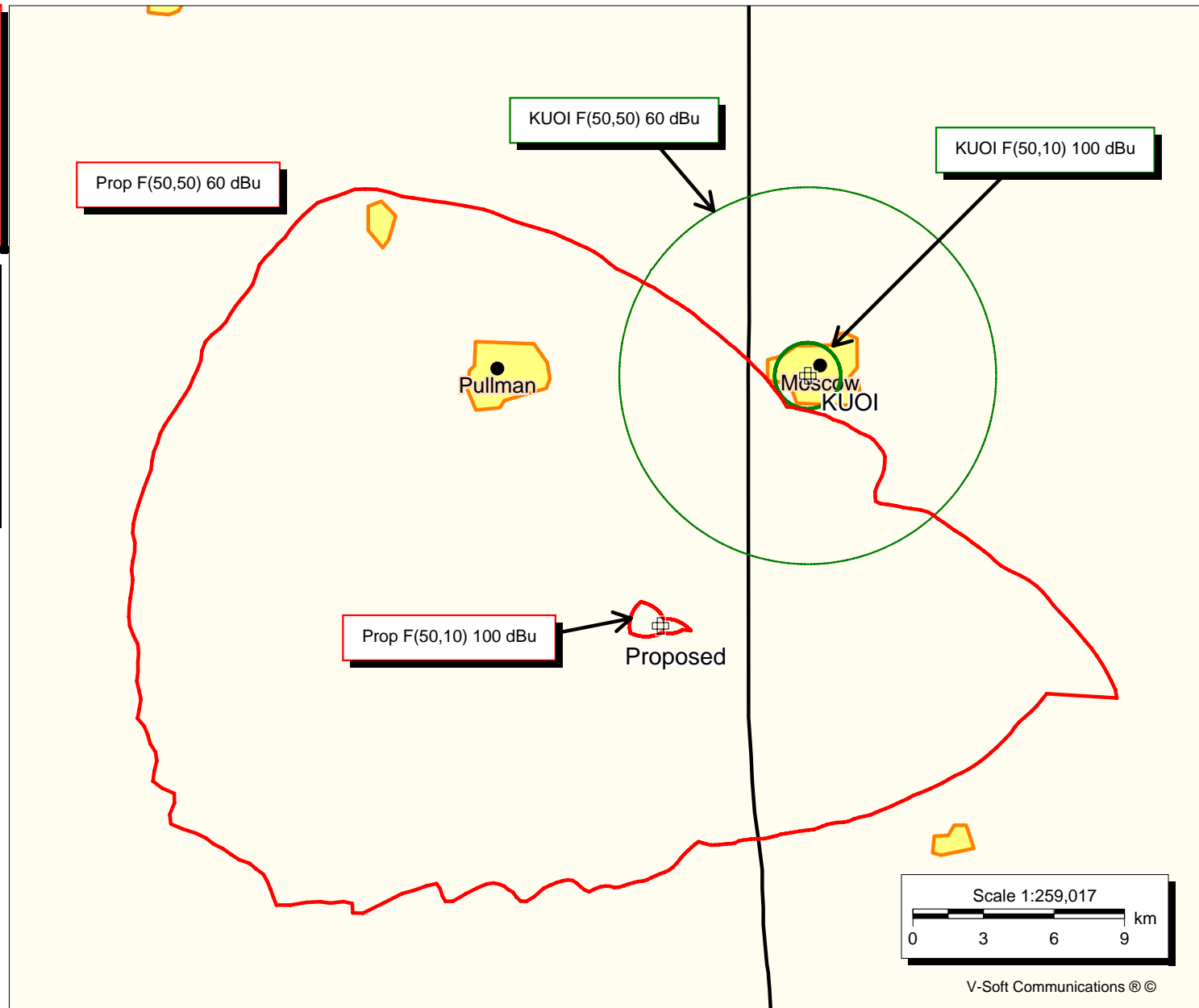
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C, H, V, E), Beamtilt(Y, N, X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.

Proposed

Latitude: 46-37-59 N
Longitude: 117-05-17 W
ERP: 0.35 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1057.3 m
Elevation: 1036.0 m
HAAT: 240.0 m
Horiz. Pattern: Directional

KUOI

BLED19950227KB
Latitude: 46-43-43 N
Longitude: 117-00-22 W
ERP: 0.40 kW
Channel: 207
Frequency: 89.3 MHz
AMSL Height: 817.0 m
Elevation: 783.0 m
HAAT: -35.0 m
Horiz. Pattern: Omni



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Latitude: 46-37-59 N
Longitude: 117-05-17 W
ERP: 0.35 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1057.3 m
Elevation: 1036.0 m
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BLED19950227KB
Latitude: 46-43-43 N
Longitude: 117-00-22 W
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AMSL Height: 817.0 m
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HAAT: -35.0 m
Horiz. Pattern: Omni

Prop F(50,50) 60 dBu

KUOI F(50,10) 100 dBu

Moscow
+
KUOI

Scale 1:51,017
0 0.33 0.67 1.0 km

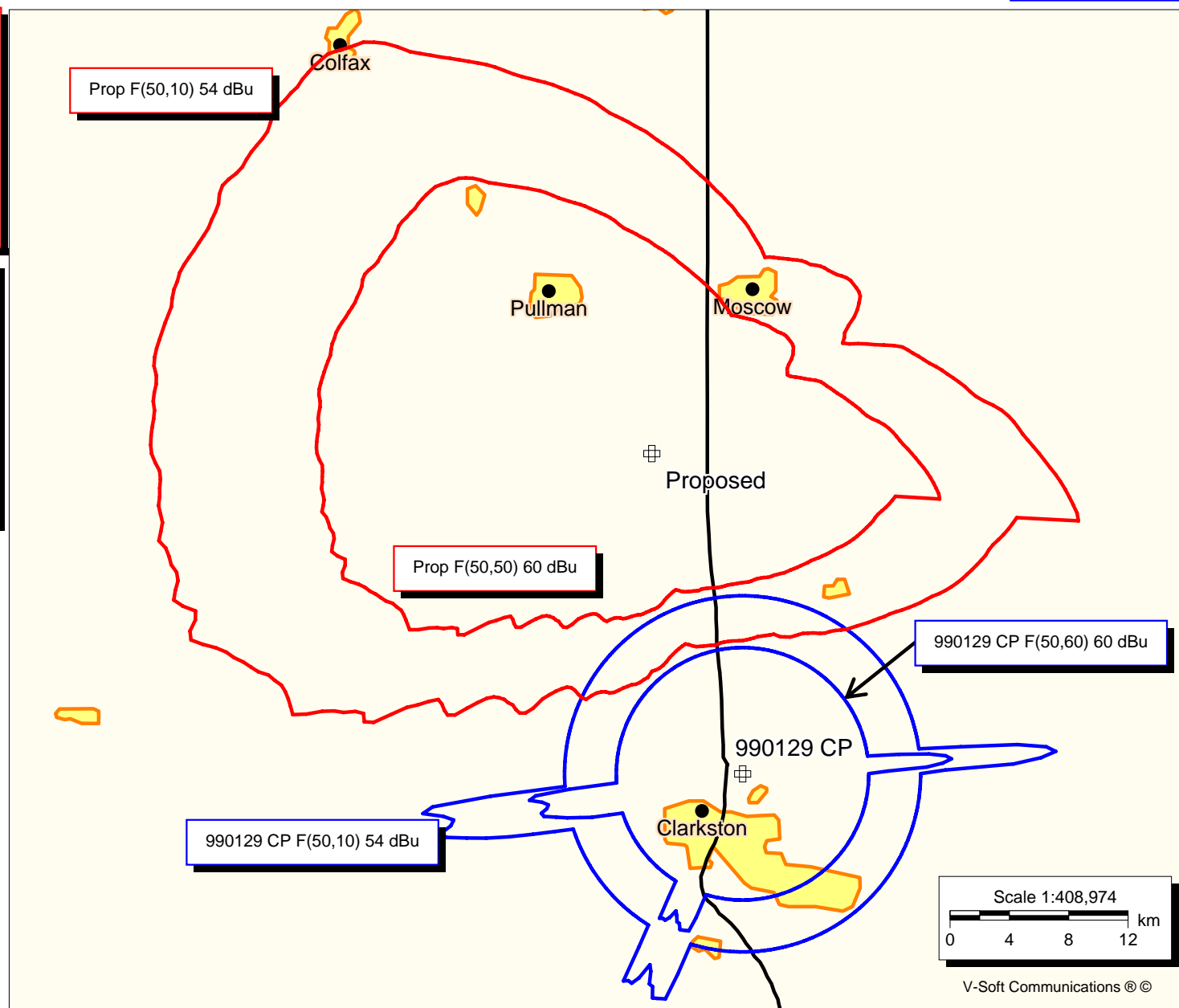
V-Soft Communications © ©

Proposed

Latitude: 46-37-59 N
Longitude: 117-05-17 W
ERP: 0.35 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1057.3 m
Elevation: 1036.0 m
HAAT: 240.0 m
Horiz. Pattern: Directional

990129 CP

BPED19990129MD
Latitude: 46-26-20 N
Longitude: 117-00-31 W
ERP: 0.50 kW
Channel: 209
Frequency: 89.7 MHz
AMSL Height: 374.0 m
Elevation: 366.0 m
HAAT: -185.0 m
Horiz. Pattern: Omni

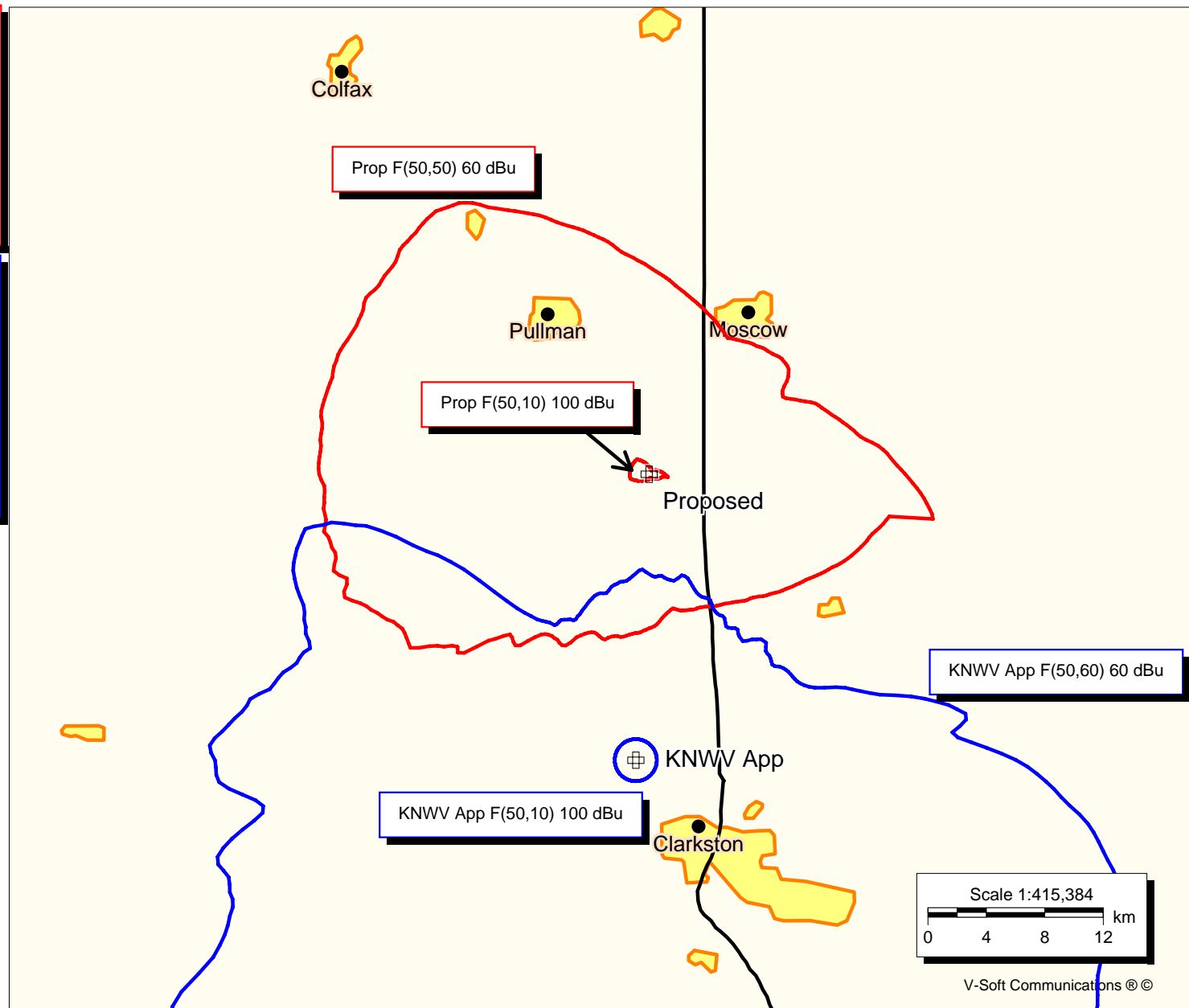


Proposed

Latitude: 46-37-59 N
Longitude: 117-05-17 W
ERP: 0.35 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1057.3 m
Elevation: 1036.0 m
HAAT: 240.0 m
Horiz. Pattern: Directional

KNWV App

BPED20070907AAX
Latitude: 46-27-26 N
Longitude: 117-06-00 W
ERP: 0.42 kW
Channel: 213
Frequency: 90.5 MHz
AMSL Height: 908.0 m
Elevation: 890.0 m
HAAT: 322.0 m
Horiz. Pattern: Omni

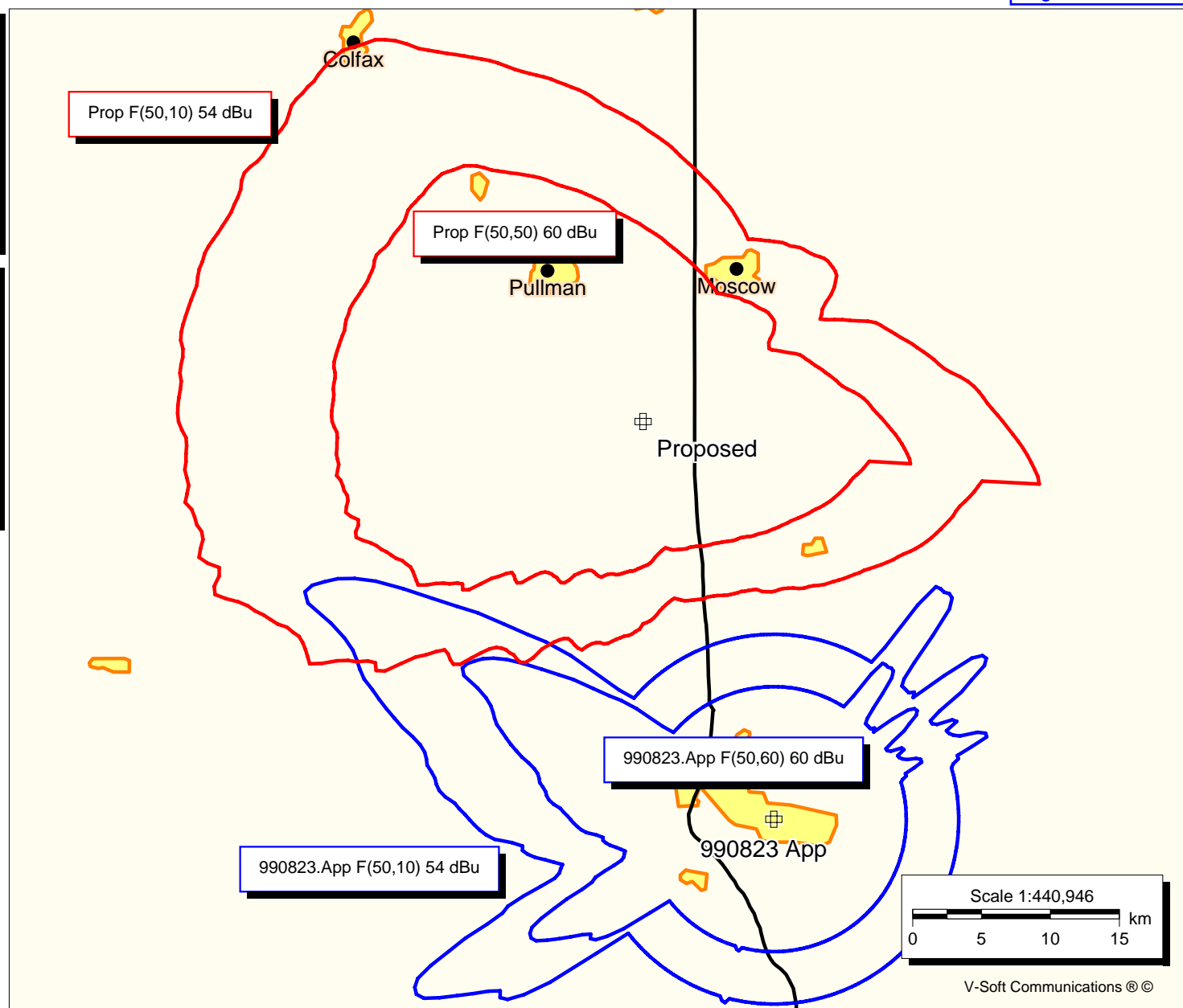


Proposed

Latitude: 46-37-59 N
Longitude: 117-05-17 W
ERP: 0.35 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1057.3 m
Elevation: 1036.0 m
HAAT: 240.0 m
Horiz. Pattern: Directional

990823.App

BPED19990823MA
Latitude: 46-22-24 N
Longitude: 116-57-54 W
ERP: 0.80 kW
Channel: 209
Frequency: 89.7 MHz
AMSL Height: 482.0 m
Elevation: 464.0 m
HAAT: -25.0 m
Horiz. Pattern: Omni



Proposed

Latitude: 46-37-59 N
Longitude: 117-05-17 W
ERP: 0.35 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 1057.3 m
Elevation: 1036.0 m
HAAT: 240.0 m
Horiz. Pattern: Directional

990823.App

BPED19990823MA
Latitude: 46-22-24 N
Longitude: 116-57-54 W
ERP: 0.80 kW
Channel: 209
Frequency: 89.7 MHz
AMSL Height: 482.0 m
Elevation: 464.0 m
HAAT: -25.0 m
Horiz. Pattern: Omni

