

Exhibit 17
KMRW Minor Modification
Prohibited Contour Overlap
Analysis and Request for Waiver
Washington State University

Table 18-1 of Exhibit 18 of this application shows that the predicted 60 dBμ (50,50) contour for the proposed KMRW facility will overlap the 100 dBμ (50,10) contours of KRFP(CP) and KUOI, creating prohibited overlap as defined in 47 CFR §73.509(a) of the Commission's rules. In addition, the predicted 60dBμ contour of KRFP(CP) will overlap the proposed facility's 100dBμ (50,10) contour, also creating prohibited overlap¹.

KRFP(CP) is authorized to serve Moscow, ID on channel 212 (2nd adjacent) while KUOI is licensed to serve Moscow, ID on channel 207 (3rd adjacent).

Figure 17-1 is a map showing the calculated service and overlapping contours of the proposed KMRW facility and the two other facilities.

As shown Figure 17-1, there will be prohibited overlap from the proposed KMRW facility's 100 dBμ contour ("overlap caused") with KRFP(CP)'s protected contour. This overlap already existed due to the grant of a "*Raleigh*" waiver on the existing authorization for KRFP, BMPED-20110621ACO. Special operating condition (13) on the KRFP Construction Permit allows for modification of our facility. Changes to this overlap area are tabulated here:

Prohibited Overlap with KRFP (CP) ("Overlap Caused")		
	Current Authorization	Proposed Facility
Area	4.08 km ²	5.04 km ²
Population	0	3

The remaining prohibited overlap to be considered is between the 100dBμ (50,10) contours of KRFP(CP) and KUOI with the proposed KMRW 60 dBμ (50,50) contour ("overlap received").

¹ The Commission has granted a waiver of 47 CFR §73.509 for the construction permit being modified by this application; refer to BNPED-20071022AVN. This exhibit is included to enable Commission staff to review justification for the continued need of a waiver in light of the facility modification specified in this application.

The Commission addressed a similar situation in *Educational Information Corporation*, 6 FCC Rcd 2207 (1991) (“Raleigh”) where it stated that it was “...inclined to grant waivers of second or third adjacent overlap in circumstances such as WCPE’s, where the benefit of increased noncommercial educational service so heavily outweighs the potential for interference in very small areas.”

As demonstrated by the data below, the applicant believes that a waiver of in 47 CFR §73.509 is justified and in the public interest with regard to received overlap from these two facilities.

Table 17-1 summarizes the additional population and land areas that would benefit from the proposed KMRW facility. As shown in this table an additional 24,307 persons would be encompassed by the facility’s 60 dBμ contour, representing a 73% increase in persons served. Additional coverage area would be 59 square kilometers, a 7.6% increase.

Also shown in Table 17-1, a total of 12,806 persons, or 22% of the 57,484 persons within the proposed 60 dBμ contour, would be within the overlap area, while 1.8 percent of the proposed coverage area would be affected. These numbers fit well within the delegated staff authority outlined in *Educational Information Corporation* of received overlap of up to 10% of area served.

A search of alternate frequencies was also performed to determine whether another channel could be utilized without the requirement of a waiver. Table 17-2 demonstrates that there are no other channels available to use for such a purpose.

As this data shows, the proposed facility modifications would provide significant public interest benefits through the increased availability of the noncommercial services provided by KMRW. In addition, there are no alternatives that would provide these benefits without the need for a waiver. For these reasons, the applicant requests a waiver of 47 CFR §73.509 with respect to this prohibited overlap.

The applicant acknowledges that any future modifications to KUOI or KRFP which increase the prohibited overlap received by KMRW would not be construed as a modification of the authorization for KMRW and that any construction permit granted in response to this application will include a special operating condition specifying the same.

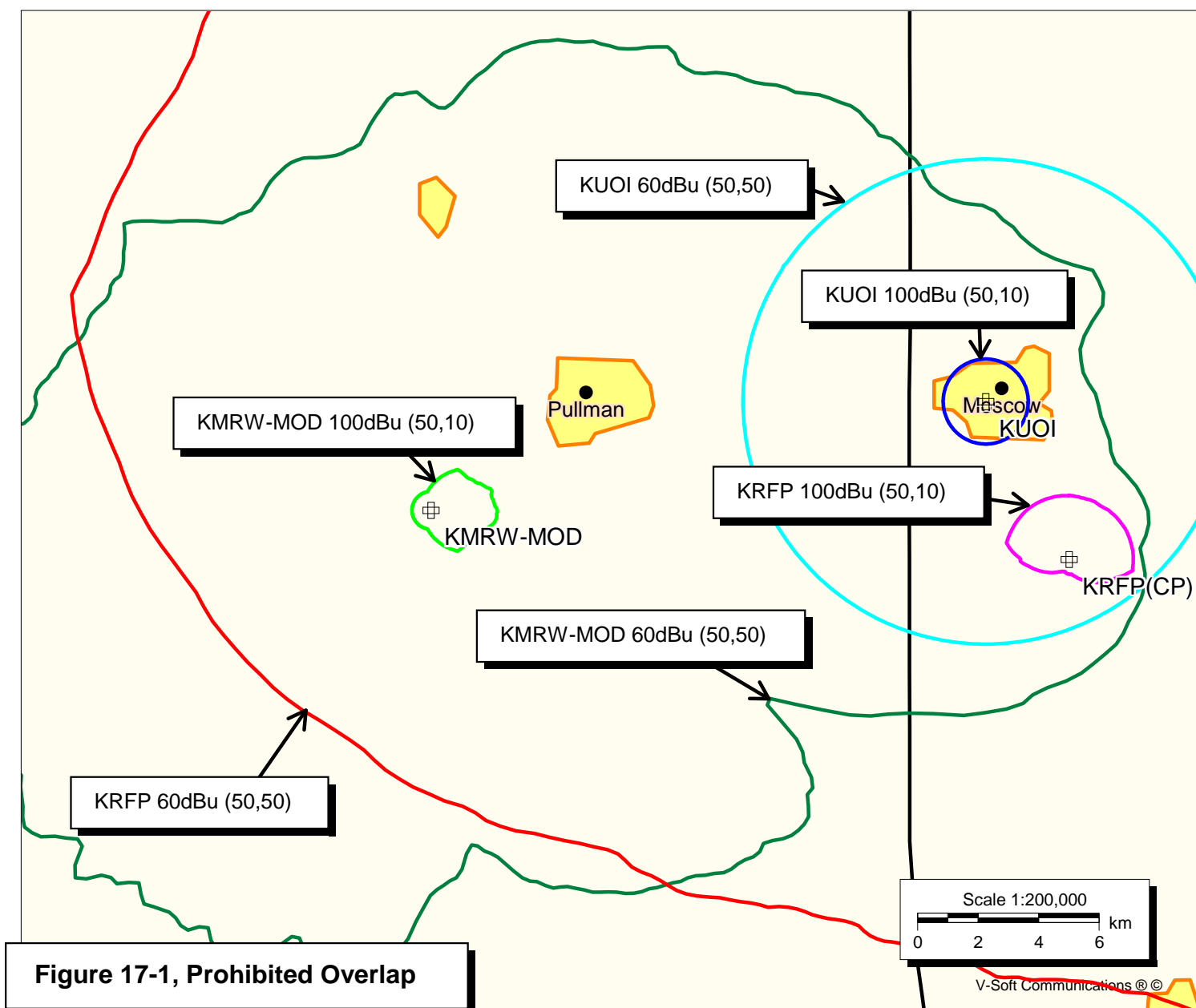


Table 17-1
Prohibited Received Overlap Summary
Proposed Modifications to KMRW
Washington State University

Present and Proposed Population and Area

	Population (2010 Census)		Area	
Facility	Persons	Pct Change	Sq km	Pct Change
Original CP (No Waiver)	33,177		779.96	
Present CP (Includes waiver of 73.509)	59,364		974.40	
Proposed	57,484	73.3	838.91	7.6
Net Gain from Original CP:	24,307		58.95	

Received Overlap Summary with respect to Current Proposal

	Population (2010 Census)		Area	
Facility	Persons	Pct	Sq km	Pct
KUOI (3rd Adjacent)	12,611	21.94	6.71	0.80
KRFP (2nd Adjacent)	195	0.34	8.40	1.00
Totals:	12,806	22.28	15.11	1.80

CHANNEL PRECLUSION STUDY
KMRW Minor Modification
Washington State University
Class= A , Pwr=2.5 kW DA, HAAT= 164.1 M, COR= 901 M
Average Protected F(50-50)= 28.89 km
Standard Directional

REFERENCE
46 41 47. N.
117 14 44. W.

DISPLAY DATES
DATA 07-01-13
SEARCH 07-01-13

CH CITY	CALL	TYPE ANT STATE	AZI. <---	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
--- Channel 201 88.1 MHz. ---										
201A KUCC	Clarkston	CP _CX WA	134.9 315.2	36.69 BPED20101026ACO	46 27 47.0 116 54 25.0	0.670 138	31.1 753	9.2	-10.5	-27.6
201A KUCC	Clarkston	LIC _CX WA	134.9 315.2	36.69 BLED20100528AED	46 27 47.0 116 54 25.0	0.240 138	23.5 753	7.0	-2.9	-25.3
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	1.4 1063	23.6	-1.0	-11.4*
255C KKZX«	Spokane	LIC _CN WA	357.8 177.8	99.75 BMLH19990302KA	47 35 35.0 117 17 46.0	100.000 490	0.0 1196	0.0	28.5R	71.3M
--- Channel 202 88.3 MHz. ---										
202C3 KWIS	Plummer	LIC DVX ID	29.6 210.0	80.86 BLED20111208CDG	47 19 37.0 116 42 55.0	2.400 288	98.8 1164	37.3	-36.2*	-13.7
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	35.4 1063	23.6	-34.9*	-28.7*
255C KKZX«	Spokane	LIC _CN WA	357.8 177.8	99.75 BMLH19990302KA	47 35 35.0 117 17 46.0	100.000 490	0.0 1196	0.0	28.5R	71.3M
--- Channel 203 88.5 MHz. ---										
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	70.2 1063	23.6	-70.0*	-57.1*
203D K203ER	Clarkston	LIC DV_ WA	146.2 326.4	37.31 BLFT20061023ACO	46 25 02.0 116 58 31.0	0.063 -195	3.2 343	1.6	18.9	-15.4
--- Channel 204 88.7 MHz. ---										
204C1 KAGU	Spokane	LIC _CX WA	357.8 177.7	98.43 BLED20041119ADR	47 34 52.0 117 17 47.0	5.000 466	128.6 1187	52.7	-45.1*	-1.3
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	35.4 1063	23.6	-34.9*	-28.7*
204C3 KIYE	Kamiah	LIC DCX ID	127.3 307.9	80.94 BLED20120801AMM	46 15 09.0 116 24 36.0	15.000 94	90.1 1175	30.3	-28.9*	-11.8
258C KZZL-FM	Pullman	RSV-A _N WA	96.5 276.7	21.06	46 40 29.0 116 58 19.0	100.000 600	0.0 1445	0.0	28.5R	-7.4M
207A KUOI-FM	Moscow	LIC _VN ID	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0	-4.8*	8.6
258C1 KZZL-FM	Pullman	LIC _CX WA	94.5 274.7	21.06 BMLH20020920AAD	46 40 52.0 116 58 16.0	81.000 323	0.0 1169	0.0	21.5R	-0.44M
--- Channel 205 88.9 MHz. ---										
205A KLCZ	Lewiston	LIC _CX ID	151.8 332.0	35.79 BLED20061108AAQ	46 24 45.0 117 01 31.0	0.230 -256	23.3 278	6.9	-2.3	-21.3
203A KRLF	Pullman	LIC _VX WA	120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	1.4 1063	23.6	-1.0	-11.4*
258C KZZL-FM	Pullman	RSV-A _N WA	96.5 276.7	21.06	46 40 29.0 116 58 19.0	100.000 600	0.0 1445	0.0	28.5R	-7.4M
207A KUOI-FM	Moscow	LIC _VN ID	78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0	-4.8*	8.6
258C1 KZZL-FM	Pullman	LIC _CX WA	94.5 274.7	21.06 BMLH20020920AAD	46 40 52.0 116 58 16.0	81.000 323	0.0 1169	0.0	21.5R	-0.44M
--- Channel 206 89.1 MHz. ---										
206C KFAE-FM	Richland	LIC _E_ WA	246.6 65.2	164.13 BLED20010726AAH	46 05 43.0 119 11 41.0	100.000 350	185.9 697	82.4	-39.0*	25.5

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 2	
										IN (Overlap	*OUT* in km)
207A Moscow	KUOI-FM	LIC _VN ID		78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	11.4 817	8.0 University of Idaho	-14.8*	-24.4
203A Pullman	KRLF	LIC _VX WA		120.0 300.1	13.78 BLED20120620AAJ	46 38 04.0 117 05 22.0	0.400 246	1.4 1063	23.6 Living Faith Fellowship Ed	-1.0	-11.4*
206B Creston	R57532«	BC		11.2 191.8	272.69	49 06 00.0 116 31 00.0	50.000 150	146.8 183	65.0 209.5R		63.2M
--- Channel 207 89.3 MHz. ---											
207A Moscow	KUOI-FM	LIC _VN ID		78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	26.9 817	8.0 University of Idaho	-30.3*	-62.7
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	1.9 1113	32.9 Washington State Universit	1.0	-14.8*
207A Asotin	KJCF	LIC _CX WA		159.0 339.1	43.36 BLED20090121ADR	46 19 56.0 117 02 34.0	0.175 -100	38.7 426	6.5 Calvary Chapel of Twin Fal	-7.7	-13.1
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	1.2 1064	22.1 Washington State Universit	-0.7	-9.9*
208C1 Cheney	KEWU-FM	LIC _CN WA		357.7 177.7	98.15 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	85.2 1148	57.1 Eastern Washington Univers	-2.0	20.3
--- Channel 208 89.5 MHz. ---											
208C1 Cheney	KEWU-FM	LIC _CN WA		357.7 177.7	98.15 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	136.2 1148	57.1 Eastern Washington Univers	-53.0*	-6.7
207A Moscow	KUOI-FM	LIC _VN ID		78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	11.4 817	8.0 University of Idaho	-14.8*	-24.4
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	1.9 1113	32.9 Washington State Universit	1.0	-14.8*
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	1.2 1064	22.1 Washington State Universit	-0.7	-9.9*
--- Channel 209 89.7 MHz. ---											
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	49.8 1113	32.9 Washington State Universit	-47.5*	-37.8*
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	32.9 1064	22.1 Washington State Universit	-32.4*	-27.3*
209A West Clarkston	KAUC	LIC _CX WA		147.6 327.8	33.90 BLED20100625ALC	46 26 20.0 117 00 31.0	0.500 -185	28.5 374	8.5 Upper Columbia Media Corpo	-9.8	-26.8
209C1 Walla Walla	KWWS	CP DCX WA		222.2 41.5	106.37 BPED20121102ADR	45 59 04.6 118 10 09.1	10.300 418	114.8 1201	40.0 Washington State Universit	-17.8*	3.1
209C2 Walla Walla	KWWS	LIC _CN WA		222.2 41.5	106.37 BLED19970609KE	45 59 04.0 118 10 08.0	3.200 410	108.5 1206	41.3 Washington State Universit	-17.7*	6.3
212C3 Moscow	KRFP	CP DCX ID		94.4 274.6	21.12 BMPED20110621ACO	46 40 54.0 116 58 13.0	1.100 302	1.7 1146	31.2 Radio Free Moscow, Inc.	-4.2*	-12.2*
207A Moscow	KUOI-FM	LIC _VN ID		78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0 University of Idaho	-4.8*	8.6
208C1 Cheney	KEWU-FM	LIC _CN WA		357.7 177.7	98.15 BLED19861117KA	47 34 43.0 117 17 50.0	10.000 429	85.2 1148	57.1 Eastern Washington Univers	-2.0	20.3
263C3 Troy	KQZB«	LIC NCX ID		62.8 243.0	28.22 BLH20080522ABE	46 48 42.0 116 54 59.0	0.900 487	0.0 1389	0.0 Pacific Empire Radio Corp	11.5R	16.7M
--- Channel 210 89.9 MHz. ---											
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	89.2 1113	32.9 Washington State Universit	-87.2*	-66.1*
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	66.7 1064	22.1 Washington State Universit	-66.5*	-55.7*
212C3 Moscow	KRFP	CP DCX ID		94.4 274.6	21.12 BMPED20110621ACO	46 40 54.0 116 58 13.0	1.100 302	1.7 1146	31.2 Radio Free Moscow, Inc.	-4.2*	-12.2*
207A Moscow	KUOI-FM	LIC _VN ID		78.8 259.0	18.65 BLED19950227KB	46 43 43.0 117 00 22.0	0.400 -35	1.4 817	8.0 University of Idaho	-4.8*	8.6

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 3 *IN* (Overlap in km)	
263C3 Troy	KQZB«	LIC NCX ID		62.8 243.0	28.22 BLH20080522ABE	46 48 42.0 116 54 59.0	0.900 487	0.0 1389	0.0 Pacific Empire Radio Corp	11.5R	16.7M
--- Channel 211 90.1 MHz. ---											
212C3 Moscow	KRFP	CP DCX ID		94.4 274.6	21.12 BMPED20110621ACO	46 40 54.0 116 58 13.0	1.100 302	47.2 1146	31.2 Radio Free Moscow, Inc.	-49.7*	-45.6*
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	49.8 1113	32.9 Washington State Universit	-47.5*	-37.8*
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	32.9 1064	22.1 Washington State Universit	-32.4*	-27.3*
211C2 Cottonwood	KNWO	CP _CX ID		139.1 319.6	92.01 BPED20100804AAZ	46 04 09.0 116 27 54.0	0.550 616	96.7 1759	33.9 Washington State Universit	-21.6*	3.0
214A Pullman	KZUU	LIC _CX WA		59.1 239.1	7.47 BLED20090210AAL	46 43 51.0 117 09 42.0	0.420 30	1.4 821	9.5 Washington State Universit	-14.0*	-3.8*
211C1 Pasco	KOLU	CP _CX WA		245.8 64.4	162.31 BPED20111129CLD	46 04 59.0 119 09 38.0	39.000 305	158.7 648	67.9 Riverview Baptist Christia	-13.7	37.9
211C3 Cottonwood	KNWO	LIC _CN ID		139.1 319.6	92.01 BLED19940207KA	46 04 09.0 116 27 54.0	0.250 612	85.5 1759	27.9 Washington State Universit	-10.4	9.5
265D Lewiston	K265AP«	LIC _CN ID		146.0 326.2	31.46 BLFT19811116IB	46 27 42.0 117 00 58.0	0.108 229	0.0 832	0.0 Alacca Bible Conference	9.5R	22.0M
--- Channel 212 90.3 MHz. ---											
212C3 Moscow	KRFP	CP DCX ID		94.4 274.6	21.12 BMPED20110621ACO	46 40 54.0 116 58 13.0	1.100 302	86.0 1146	31.2 Radio Free Moscow, Inc.	-88.5*	-83.7*
213A Clarkston	KNWV	LIC _CX WA		157.2 337.4	28.83 BLED20090312ABV	46 27 26.0 117 06 00.0	0.420 322	40.4 908	10.5 Washington State Universit	-22.0*	-11.6
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	1.9 1113	32.9 Washington State Universit	1.0	-14.8*
214A Pullman	KZUU	LIC _CX WA		59.1 239.1	7.47 BLED20090210AAL	46 43 51.0 117 09 42.0	0.420 30	1.4 821	9.5 Washington State Universit	-14.0*	-3.8*
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	1.2 1064	22.1 Washington State Universit	-0.7	-9.9*
213A Clarkston	KNWV	CP DCX WA		157.2 337.4	28.83 BPED20100910ADU	46 27 26.0 117 06 00.0	0.420 322	21.6 908	4.4 Washington State Universit	-3.4	-4.6
265D Lewiston	K265AP«	LIC _CN ID		146.0 326.2	31.46 BLFT19811116IB	46 27 42.0 117 00 58.0	0.108 229	0.0 832	0.0 Alacca Bible Conference	9.5R	22.0M
266C Cheney	KEYF-FM«	LIC _C_ WA		357.8 177.8	99.75 BMLH19990219KD	47 35 35.0 117 17 46.0	100.000 490	0.0 1196	0.0 Mapleton License Of Spokan	28.5R	71.3M
--- Channel 213 90.5 MHz. ---											
213A Clarkston	KNWV	LIC _CX WA		157.2 337.4	28.83 BLED20090312ABV	46 27 26.0 117 06 00.0	0.420 322	77.4 908	10.5 Washington State Universit	-59.0*	-40.0
212C3 Moscow	KRFP	CP DCX ID		94.4 274.6	21.12 BMPED20110621ACO	46 40 54.0 116 58 13.0	1.100 302	47.2 1146	31.2 Radio Free Moscow, Inc.	-49.7*	-45.6*
214A Pullman	KZUU	LIC _CX WA		59.1 239.1	7.47 BLED20090210AAL	46 43 51.0 117 09 42.0	0.420 30	13.2 821	9.5 Washington State Universit	-25.7*	-31.4*
213A Clarkston	KNWV	CP DCX WA		157.2 337.4	28.83 BPED20100910ADU	46 27 26.0 117 06 00.0	0.420 322	51.5 908	4.4 Washington State Universit	-30.7*	-31.2
210D Pullman	K210AE	LIC ?EN WA		16.5 196.5	19.20 BLFT19830616MG	46 51 43.0 117 10 26.0	0.823 343	1.9 1113	32.9 Washington State Universit	1.0	-14.8*
210A Pullman	KMRW	CP DCX WA		120.1 300.2	13.79 BMPED20121207AAE	46 38 03.4 117 05 22.1	0.300 246	1.2 1064	22.1 Washington State Universit	-0.7	-9.9*
266C Cheney	KEYF-FM«	LIC _C_ WA		357.8 177.8	99.75 BMLH19990219KD	47 35 35.0 117 17 46.0	100.000 490	0.0 1196	0.0 Mapleton License Of Spokan	28.5R	71.3M
--- Channel 214 90.7 MHz. ---											
214A Pullman	KZUU	LIC _CX WA		59.1 239.1	7.47 BLED20090210AAL	46 43 51.0 117 09 42.0	0.420 30	31.8 821	9.5 Washington State Universit	-44.3*	-65.8*

CH CALL		TYPE ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	Page # 4	
CITY		STATE	<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	*IN* (Overlap	*OUT* in km)
213A KNWV	LIC _CX	157.2	28.83		46 27 26.0	0.420	40.4	10.5	-22.0*	-11.6
Clarkston	WA	337.4	BLED20090312ABV		117 06 00.0	322	908	Washington State Universit		
212C3 KRFP	CP DCX	94.4	21.12		46 40 54.0	1.100	1.7	31.2	-4.2*	-12.2*
Moscow	ID	274.6	BMPED20110621ACO		116 58 13.0	302	1146	Radio Free Moscow, Inc.		
213A KNWV	CP DCX	157.2	28.83		46 27 26.0	0.420	21.6	4.4	-3.4	-4.6
Clarkston	WA	337.4	BPED20100910ADU		117 06 00.0	322	908	Washington State Universit		
268C1 KATW«	LIC _CN	146.2	31.54		46 27 38.0	100.000	0.0	0.0	21.5R	10.0M
Lewiston	ID	326.4	BLH19851010KC		117 01 00.0	258	850	Pacific Empire Radio Corpo		
--- Channel 215 90.9 MHz. ---										
216C KPBX-FM	LIC _CN	7.1	97.92		47 34 13.0	56.000	134.8	91.7	-52.9*	-20.1
Spokane	WA	187.3	BMLED19831028AB		117 05 00.0	725	1571	Spokane Public Radio, Inc.		
214A KZUU	LIC _CX	59.1	7.47		46 43 51.0	0.420	13.2	9.5	-25.7*	-31.4*
Pullman	WA	239.1	BLED20090210AAL		117 09 42.0	30	821	Washington State Universit		
215C1 KKRH	LIC _CX	136.7	126.83		45 51 42.0	1.900	135.6	58.4	-26.6*	13.7
Grangeville	ID	317.5	BLED20110330ACC		116 07 25.0	709	1883	Calvary Chapel of Grangevi		
212C3 KRFP	CP DCX	94.4	21.12		46 40 54.0	1.100	1.7	31.2	-4.2*	-12.2*
Moscow	ID	274.6	BMPED20110621ACO		116 58 13.0	302	1146	Radio Free Moscow, Inc.		
268C1 KATW«	LIC _CN	146.2	31.54		46 27 38.0	100.000	0.0	0.0	21.5R	10.0M
Lewiston	ID	326.4	BLH19851010KC		117 01 00.0	258	850	Pacific Empire Radio Corpo		
--- Channel 216 91.1 MHz. ---										
216C KPBX-FM	LIC _CN	7.1	97.92		47 34 13.0	56.000	194.7	91.7	-112.7*	-55.2
Spokane	WA	187.3	BMLED19831028AB		117 05 00.0	725	1571	Spokane Public Radio, Inc.		
219C1 KRFA-FM	LIC _VX	94.4	21.12		46 40 54.0	28.000	7.3	61.7	-9.8*	-42.7*
Moscow	ID	274.6	BLED20090312ABT		116 58 13.0	282	1128	Washington State Universit		
214A KZUU	LIC _CX	59.1	7.47		46 43 51.0	0.420	1.4	9.5	-14.0*	-3.8*
Pullman	WA	239.1	BLED20090210AAL		117 09 42.0	30	821	Washington State Universit		
--- Channel 217 91.3 MHz. ---										
216C KPBX-FM	LIC _CN	7.1	97.92		47 34 13.0	56.000	134.8	91.7	-52.9*	-20.1
Spokane	WA	187.3	BMLED19831028AB		117 05 00.0	725	1571	Spokane Public Radio, Inc.		
219C1 KRFA-FM	LIC _VX	94.4	21.12		46 40 54.0	28.000	7.3	61.7	-9.8*	-42.7*
Moscow	ID	274.6	BLED20090312ABT		116 58 13.0	282	1128	Washington State Universit		
217C2 KGTS	LIC _CX	222.5	106.31		45 59 20.0	7.000	123.2	45.7	-26.3*	1.1
College Place	WA	41.9	BLED20021217ABR		118 10 29.0	381	1139	Walla Walla University		
217D K217GA	LIC DC_	157.2	28.83		46 27 26.0	0.065	19.9	2.3	-1.9	-21.4
Clarkston	WA	337.4	BLFT20110930AQG		117 06 00.0		898	Washington State Universit		
214A KZUU	LIC _CX	59.1	7.47		46 43 51.0	0.420	1.4	9.5	-14.0*	-3.8*
Pullman	WA	239.1	BLED20090210AAL		117 09 42.0	30	821	Washington State Universit		
--- Channel 218 91.5 MHz. ---										
219C1 KRFA-FM	LIC _VX	94.4	21.12		46 40 54.0	28.000	90.2	61.7	-92.7*	-76.1*
Moscow	ID	274.6	BLED20090312ABT		116 58 13.0	282	1128	Washington State Universit		
--- Channel 219 91.7 MHz. ---										
219C1 KRFA-FM	LIC _VX	94.4	21.12		46 40 54.0	28.000	145.3	61.7	-147.8*	-114.2*
Moscow	ID	274.6	BLED20090312ABT		116 58 13.0	282	1128	Washington State Universit		
273C3 KRAO-FM«	LIC _CN	16.8	19.26		46 51 44.0	2.200	0.0	0.0	11.5R	7.8M
Colfax	WA	196.9	BLH19941028KB		117 10 20.0	329	1106	Inland Northwest Broadcast		
--- Channel 220 91.9 MHz. ---										
219C1 KRFA-FM	LIC _VX	94.4	21.12		46 40 54.0	28.000	90.2	61.7	-92.7*	-76.1*
Moscow	ID	274.6	BLED20090312ABT		116 58 13.0	282	1128	Washington State Universit		
223L1 KRFP-LP	LIC ____	77.8	19.15		46 43 57.0	0.100	0.7	5.6	-3.5*	11.5
Moscow	ID	258.0	BLL20041021AFH		117 00 02.0	-5	819	Radio Free Moscow, Inc.		

											Page # 5	
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*	
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)	

221D	K221FW	CP	_C_	150.4	30.76	46 27 21.0	0.099	14.6	9.1	1.2	-1.6	
Lewiston		ID		330.5	BNPFT20130304AAQ	117 02 50.0		918	Radio Assist	Ministry, Inc		
273C3	KRAO-FM«	LIC	_CN	16.8	19.26	46 51 44.0	2.200	0.0	0.0	11.5R	7.8M	
Colfax		WA		196.9	BLH19941028KB	117 10 20.0	329	1106	Inland Northwest	Broadcast		

Terrain database is USGS 03 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin KM
In & Out distances between contours are shown at closest points. Reference Zone= - 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.
« = Station meets FCC minimum distance spacing for its class.

Reference station has protected zone issue:
All separation margins include rounding