

**New FM Translator  
Coeur d'Alene Channel 223D  
Allocation Study  
July 2003**

The attached spacing study shows the spacing between the proposed fill-in translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules. The attached allocation study maps demonstrate compliance with the Commission's Rules for protection of FM broadcast stations and FM translators as outlined in §74.1204.

The instant application proposes a different antenna pattern and ERP from that specified in the original application. (The channel and transmitter site remain the same.) For the sake of completeness, the co-channel study map depicts both the protected and interfering contours of three other translator applications filed during the March 2003 window. There is a small area of overlap received from the St. Maries application, but this occurs only over water areas of Lake Coeur d'Alene.

The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

The proposed 34 dBu F(50,10) contour does not cross into Canadian territory. Therefore, it is not believed necessary to refer the instant application to Canadian authorities for concurrence.

## SEARCH PARAMETERS

FM Database Date: 030716

Channel: 223A 92.5 MHz  
 Latitude: 47 43 54  
 Longitude: 116 43 47  
 Safety Zone: 50 km  
 Job Title: COEUR D'ALENE TRANSLATOR

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K220BX LIC	COEUR D'ALENE ID BLFT-880603TE	220D 91.9	0.040 107.0	DA	47-40-00 116-44-45	189.5	7.33 0.00	0 TRANS
K220BW LIC	KELLOGG, ETC. ID BLFT-880603TD	220D 91.9	0.040 1106.0	DA	47-29-32 116-08-33	121.0	51.56 0.00	0 TRANS
KSFC LIC	SPOKANE WA BLED-030320ABD	220A 91.9	0.450 348.0		47-48-48 117-30-23	279.2	58.92 27.92	31 CLEAR
K221CI LIC	POST FALLS ID BLFT-860721TA	221D 92.1	0.050 669.0	DA	47-39-35 116-57-46	245.4	19.24 0.00	0 TRANS
VAC	ST. MARIES ID -	221A 92.1	0.000 0.0		47-18-54 116-34-30	165.9	47.77 16.77	31 CLEAR
KQRK LIC	RONAN MT BLH-811103AN	222C 92.3	60.000 707.0		47-46-25 114-16-04	87.6	184.66 19.66	165 CLEAR
	CASTLEGAR BC -	223B 92.5	0.000 0.0		49-19-00 117-40-00	339.0	189.35 -20.65	210 SHORT
NEW-T APP	COEUR D'ALENE ID BPFT-971103TA	223D 92.5	0.006 587.0	DA	47-43-54 116-43-47	0.0	0.00 0.00	0 TRANS
KRFP-LP CP	MOSCOW ID BNPL-010122AJE	223L1 92.5	0.100 -4.6		46-43-57 117-00-02	190.5	112.96 45.96	67 CLEAR
NEW-T APP	PRIEST RIVER ID BNPFT-030313AKQ	223D 92.5	0.002 863.0		48-04-43 116-57-09	336.8	42.02 0.00	0 TRANS
NEW-T APP	ST. MARIES ID BNPFT-030317FEJ	223D 92.5	0.034 312.0		47-20-55 116-34-43	165.0	44.08 0.00	0 TRANS
NEW-T APP	DARTFORD WA BNPFT-030317LYV	223D 92.5	0.019 393.0		47-48-48 117-30-23	279.2	58.92 0.00	0 TRANS
KZHR LIC	DAYTON WA BLH-920731KC	223C1 92.5	54.000 379.0		45-59-19 118-10-28	210.1	222.90 22.90	200 CLEAR
KZZU-FM LIC	SPOKANE WA BLH-781017AE	225C 92.9	85.000 634.0		47-35-42 117-17-53	250.6	45.31 -49.69	95 SHORT
KCDA CP	POST FALLS ID BPH-020425ABN	276C1 103.1	18.500 531.0	DA	47-34-52 117-17-47	248.7 SS	45.74 23.74	22 CLEAR
KCDA LIC	POST FALLS ID BLH-010314AAP	276C1 103.1	9.400 747.0		47-34-14 117-04-55	236.0	31.95 9.95	22 CLOSE

44444 END OF FM SPACING STUDY FOR CHANNEL 223 44444





