

**June 2014**  
**KLSY(FM) Channel 229C0**  
**Montesano, Washington**  
**Allocation Study**

**Domestic Spacing Study**

The attached spacing study shows that the proposed operation meets the domestic co-channel and adjacent channel spacing requirements for Class C0 stations as prescribed in §73.207 of the Commission's Rules.

**Canadian Stations and Allotments**

The proposed KLSY facility is short-spaced to Canadian station CJJR-FM, which operates on Channel 229C at Vancouver, British Columbia. Under the terms of the *Working Arrangement for the Allotment and Assignment of FM Broadcasting Channels Under the Agreement Between the Government of Canada and the Government of the United States of America Relating to the FM Broadcasting Service*, as amended in 1997 ("*Working Arrangement*"), the required co-channel Class C to Class C spacing<sup>1</sup> is 306 kilometers, whereas the distance between the proposed allotment site and the CJJR-FM transmitter site is 250 kilometers.

The proposed KLSY facility is also short-spaced to a vacant Canadian allotment on Channel 230A at Port Renfrew, British Columbia. Under the terms of the *Working Arrangement*, the required first-adjacent-channel Class C to Class A spacing<sup>2</sup> is 182 kilometers, whereas the distance between the proposed allotment site and the Port Renfrew 230A allotment site is 164 kilometers.

The attached allocation study exhibit "KLSY 229C0 Canada Allocation Study Map" demonstrates that the proposed KLSY 38 dBu F(50,10) contour will not overlap the protected service area of CJJR-FM (97 km radius) over Canadian land areas, nor will the proposed KLSY 52 dBu F(50,10)

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<sup>1</sup> The *Working Arrangement* does not include the U.S. Class C0, and so the Class C spacing requirement set forth in Section 2.4 pertains.

<sup>2</sup> The *Working Arrangement* does not include the U.S. Class C0, and so the Class C spacing requirement set forth in Section 2.4 pertains.

contour overlap the protected service area of Port Renfrew 230A (38 km radius) over Canadian land areas.

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## SEARCH PARAMETERS

FM Database Date: 140623

Channel: 229C0 93.7 MHz  
 Latitude: 47 18 46  
 Longitude: 123 22 15  
 Safety Zone: 32 km  
 Job Title: KLSY 229C0 MONTESANO

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K226AN LIC	MONTESANO WA	BLFT-50513ABT	226D 93.1	0.250 145.0	46-57-31 123-35-18	202.8	42.69 0.00	0 TRANS
K227CG CP	CENTRALIA WA	BNPFT-30812ABL	227D 93.3	0.099 0.0	46-40-08 122-57-50	156.5	77.99 0.00	0 TRANS
KUBEaux LIC	SEATTLE WA	BLH-831110AF	227C0 93.3	87.000 375.0	47-32-39 122-06-29	74.4	98.69 0.00	0 AUX
KUBEaux LIC	SEATTLE WA	BXLH-20416AAH	227C0 93.3	22.000 368.0	47-32-40 122-06-26	74.4	98.75 0.00	0 AUX
KUBE LIC	SEATTLE WA	BLH-10206AAA	227C0 93.3	100.000 387.0	47-32-40 122-06-26	74.4	98.75 2.75	96 CLOSE
K228FA LIC	LONGVIEW WA	BLFT-31216DXC	228D 93.5	0.100 282.0	46-10-59 122-57-29	165.8	129.49 0.00	0 TRANS
CJJRFM BC	VANCOUVER -		229C 93.7	75.000 686.0	DA 49-21-29 122-57-09	7.6	229.53 -76.47	306 SHORT
CJJR-FM BC	VANCOUVER -30327CA1		229C 93.7	70.000 707.4	DA 49-21-26 122-57-13	7.6	229.43 -76.57	306 SHORT
KLSY CP	MONTESANO WA	BPH-21226AAX	229C0 93.7	32.000 679.0	DA 47-18-46 123-22-15	0.0	0.00 -270.00	270 SHORT
KLSY LIC	MONTESANO WA	BLH-30116AEF	229C0 93.7	33.000 677.0	DA 47-18-46 123-22-15	0.0 SS	0.00 -270.00	270 SHORT
KLSYaux CP	MONTESANO WA	BXPH-30712AAQ	229C0 93.7	4.800 666.0	47-18-46 123-22-15	0.0	0.00 0.00	0 AUX
K229AD LIC	YAKIMA WA	BLFT-30815ADU	229D 93.7	0.035 0.0	DA 46-37-49 120-32-01	108.4	228.85 0.00	0 TRANS
	PORT RENFREW BC		230A 93.9	0.000 0.0	48-32-48 124-24-10	331.1	157.38 -24.62	182 SHORT
KPDQ-FM LIC	PORTLAND OR	BLH-60208AMF	230C1 93.9	52.000 387.0	45-29-20 122-41-40	165.4 SS	209.31 13.31	196 CLEAR

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SEARCH PARAMETERS                               FM Database Date: 140623
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Latitude:  47 18 46
Longitude: 123 22 15
Safety Zone: 32 km
Job Title: KLSY 229C0 MONTESANO

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KMPS-FM	SEATTLE		231C	73.000	47-30-17	78.1	108.03	105
LIC	WA	BMLH-30522ACI	94.1	698.0	121-58-04		3.03	CLOSE
KMPSaux	SEATTLE		231C	53.000	47-32-37	74.4	98.55	0
LIC	WA	BXLH-60530AHC	94.1	371.0	122-06-35		0.00	AUX
KYAB-LP	ABERDEEN		232L1	0.100	46-58-32	223.2	51.36	0
LIC	WA	BLL-60628ACS	94.3	-33.6	123-50-01		0.00	LPFM

===== END OF FM SPACING STUDY FOR CHANNEL 229 =====





