

**October 2008
KRQT(FM) Channel 296C3
Castle Rock, WA
Allocation Study**

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class C3 stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of KLVU on Channel 296C1 at Sweet Home. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KLVU, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that facility.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS

FM Database Date: 081016

Channel: 296C3 107.1 MHz
 Latitude: 46 20 18
 Longitude: 123 5 45
 Safety Zone: 32 km
 Job Title: KRQT 296C3 CASTLE ROCK

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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)
NEW-T APP	INDEPENDENCE WA	BNPFT-030310BNJ	293D 106.5	0.150 4.0	46-48-58 123-09-24	355.0	53.32 0.00	0 TRANS
KLTH LIC	LAKE OSWEGO OR	BLH-970708KC	294C 106.7	100.000 440.0	45-30-58 122-43-59	162.8	95.62 -0.38	96 SHORT
KLTHaux LIC	LAKE OSWEGO OR	BXLH-001130AAG	294C 106.7	22.100 353.0	45-30-57 122-43-52	162.7	95.70 0.00	0 AUX
KLTHaux LIC	LAKE OSWEGO OR	BXMLH-990426KF	294C 106.7	80.000 268.0	45-27-17 122-32-58	156.5	106.98 0.00	0 AUX
KRWMaux LIC	BREMERTON WA	BLH-990806KF	295C1 106.9	34.000 372.0	47-32-41 122-06-28	28.9	153.77 0.00	0 AUX
KRWM LIC	BREMERTON WA	BMLH-051207AGQ	295C1 106.9	49.000 396.0	47-32-39 122-06-29	28.9 SS	153.71 9.71	144 CLOSE
NEW-T APP	DEE OR	BNPFT-030317LXJ	296D 107.1	0.010 1342.0	45-38-56 121-43-18	125.3	131.17 0.00	0 TRANS
KLVU-FM2 CP	FAMILY CAMP OR	BPFTB-940902TC	296D 107.1	0.045 607.0	44-50-29 122-28-55	163.8	173.13 0.00	0 BOOST
K296DM LIC	SEASIDE OR	BLFT-880908TD	296D 107.1	0.049 192.0	45-57-10 123-56-18	236.9	77.93 0.00	0 TRANS
KLVU LIC	SWEET HOME OR	BLFT-980403KB	296C1 107.1	9.700 741.0	44-28-59 122-34-55	168.8	210.08 -0.92	211 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 200 KM								
K296FT LIC	WEST HAVEN OR	BLFT-080116AAA	296D 107.1	0.028 312.0	45-29-20 122-41-40	161.7	99.42 0.00	0 TRANS
K296CV CP MOD	ABERDEEN WA	BMPFT-080417AAC	296D 107.1	0.125 136.0	46-59-18 123-47-37	323.9	89.85 0.00	0 TRANS
K296CV LIC	ABERDEEN WA	BLFT-080512AES	296D 107.1	0.125 136.0	46-59-18 123-47-37	323.9	89.85 0.00	0 TRANS
KRQT LIC	CASTLE ROCK WA	BMLH-010214AAD	296C3 107.1	0.740 528.0	46-20-35 123-05-54	339.9	0.56 -152.44	153 SHORT

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Job Title: KRQT 296C3 CASTLE ROCK

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KRQT-FM1 LIC	LONGVIEW WA	BLFTB-001018ACF	296D 107.1	2.000 DA 0.0	46-08-06 122-56-06	151.3	25.78 0.00	0 BOOST
NEW-T APP	SKAMANIA WA	BNPFT-030313AAJ	296D 107.1	0.003 798.0	45-41-01 122-04-17	132.3	107.66 0.00	0 TRANS
NEW-T APP	OLYMPIA WA	BNPFT-030317HJY	297D 107.3	0.250 134.0	47-00-58 122-54-57	10.3	76.59 0.00	0 TRANS
NEW-T APP	OLYMPIA WA	BNPFT-030314BLN	297D 107.3	0.250 70.0	46-58-30 122-48-40	17.0	74.05 0.00	0 TRANS
NEW-T APP	ORTING WA	BNPFT-030311ARK	297D 107.3	0.010 517.0	47-02-52 122-08-33	42.3	107.41 0.00	0 TRANS
KXJM LIC	BANKS OR	BLH-990305KD	298C1 107.5	37.000 440.0	45-30-58 122-43-59	162.8	95.62 19.62	76 CLEAR
KXJM CP	BANKS OR	BPH-010122AEH	298C0 107.5	100.000 441.0	45-30-58 122-43-59	162.8	95.62 8.62	87 CLOSE

44444 END OF FM SPACING STUDY FOR CHANNEL 296 44444

