

March 2005
New FM – Channel 248C3 – Winthrop, WA
Allocation Study

Channel 248C3 Allotment Site

The attached spacing study shows that the proposed Channel 248C3 allotment site meets the co-channel and adjacent channel spacing requirements for Class C3 stations as prescribed in §73.207 of the Commission's Rules. This site is 8 kilometers from Winthrop. The nominal distance to the 70 dBu F(50,50) contour for a Class C3 station is 23.2 kilometers. Therefore this site will provide greater than 70 dBu coverage for all of Winthrop.

Channel 248C3 Transmitter Site

The attached spacing study shows that the proposed transmitter site 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 KBSG Channel 247C at Tacoma. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KBSG, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that station.

SEARCH PARAMETERS

FM Database Date: 050308

Channel: 248C3 97.5 MHz
 Latitude: 48 32 48
 Longitude: 120 11 33
 Safety Zone: 32 km
 Job Title: WINTHROP 248C3 ALLOTMENT SITE

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	OKANOGAN WA	BNPFT-030314BKM	245D 96.9	0.001 1213.0	48-26-58 119-18-26	99.1	66.32 0.00	0 TRANS
CJMGFM	PENTICTON BC	-	246B 97.1	1.800 230.0	49-31-44 119-38-25	20.0	116.46 32.46	84 CLEAR
NEW-T APP	CARLTON WA	BNPFT-030317EGJ	246D 97.1	0.001 1306.0	48-01-00 119-58-47	165.0	61.01 0.00	0 TRANS
NEW-T APP	OMAK WA	BNPFT-030317LRC	246D 97.1	0.050 251.0	48-21-08 119-33-52	114.8	51.25 0.00	0 TRANS
	YALE BC	-	247A 97.3	0.000 0.0	49-33-40 121-26-42	321.5	145.29 26.29	119 CLEAR
NEW-T APP	BREWSTER WA	BNPFT-030317CDP	247D 97.3	0.001 1312.0	48-00-59 119-58-51	165.0	61.02 0.00	0 TRANS
NEW-T APP	ENTIAT WA	BNPFT-030317AAN	247D 97.3	0.007 521.0	47-51-15 120-10-10	178.7	77.02 0.00	0 TRANS
KBSGaux LIC	TACOMA WA	BXLH-940302KB	247C 97.3	20.000 691.0	47-30-14 121-58-29	229.5	176.40 0.00	0 AUX
KBSG-FM LIC	TACOMA WA	BLH-891018KC	247C 97.3	55.000 729.0	47-30-14 121-58-29	229.5	176.40 0.40	176 CLOSE
KBSGaux LIC	TACOMA WA	BXLH-001018ACH	247C 97.3	50.000 388.0	47-32-35 122-06-25	232.6	181.19 0.00	0 AUX
CHRKFM	KAMLOOPS BC	-	248B 97.5	4.300 143.0	50-40-15 120-23-50	356.5	236.72 13.72	223 CLEAR
	TRAIL BC	-	248A 97.5	0.000 0.0	49-05-26 117-49-08	69.9	184.51 0.51	184 CLOSE
NEW-T APP	COLVILLE WA	BNPFT-030317KKO	248D 97.5	0.011 551.0	48-34-25 117-53-47	88.1	169.52 0.00	0 TRANS
K248BG CP	ELLENSBURG WA	BNPFT-030829AXF	248D 97.5	0.250 58.0	46-59-57 120-31-42	188.4	173.89 0.00	0 TRANS

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Channel: 248C3 97.5 MHz Page 2

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Job Title: WINTHROP 248C3 ALLOTMENT SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW	WINTHROP		248A	6.000	48-27-40	193.6	9.79	142
APP	WA BNPH-041230ACJ		97.5	-1.0	120-13-25		-132.21	SHORT
VAC	WINTHROP		248A	0.000	48-27-40	173.0	9.59	142
	WA -		97.5	0.0	120-10-36		-132.41	SHORT
CBUFFM	VANCOUVER		249C	100.000	49-21-12	295.0	221.34	195
	BC -		97.7	567.0	122-57-18		26.34	CLEAR
KYSN	EAST WENATCHEE		249C3	9.300	47-22-51	183.2	129.82	99
LIC	WA BLH-020423AAQ		97.7	-30.0	120-17-15		30.82	CLEAR
NEW-T	MANSFIELD		249D	0.007	47-51-15	178.7	77.02	0
APP	WA BNPFT-030317AAP		97.7	521.0	120-10-10		0.00	TRANS
K249CV	OMAK, ETC.		249D	0.048	48-27-15	98.6	66.25	0
LIC	WA BLFT-871209TA		97.7	1037.0	119-18-25		0.00	TRANS
NEW-T	BREWSTER		250D	0.001	48-00-59	165.0	61.02	0
APP	WA BNPFT-030317CCL		97.9	1312.0	119-58-51		0.00	TRANS
	OSOYOOS		251A	0.000	49-06-08	35.9	76.54	55
	BC RM-		98.1	0.0	119-34-38		21.54	CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 248 44444

SEARCH PARAMETERS

FM Database Date: 050308

Channel: 248C3 97.5 MHz
 Latitude: 48 19 6
 Longitude: 120 6 47
 Safety Zone: 32 km
 Job Title: WINTHROP 248C3 TRANSMITTER SITE

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	OKANOGAN WA	BNPFT-030314BKM	245D 96.9	0.001 1213.0	48-26-58 119-18-26	75.9	61.44 0.00	0 TRANS
NEW-T APP	CARLTON WA	BNPFT-030317EGJ	246D 97.1	0.001 1306.0	48-01-00 119-58-47	163.5	34.98 0.00	0 TRANS
NEW-T APP	CHELAN WA	BNPFT-030314AGS	246D 97.1	0.003 863.0	47-48-24 120-02-05	174.1	57.19 0.00	0 TRANS
NEW-T APP	OMAK WA	BNPFT-030317LRC	246D 97.1	0.050 251.0	48-21-08 119-33-52	84.5	40.85 0.00	0 TRANS
NEW-T APP	WATERVILLE WA	BNPFT-030313AGB	246D 97.1	0.100 402.0	47-39-17 120-05-11	178.4	73.81 0.00	0 TRANS
NEW-T APP	BREWSTER WA	BNPFT-030317CDP	247D 97.3	0.001 1312.0	48-00-59 119-58-51	163.7	34.99 0.00	0 TRANS
NEW-T APP	ENTIAT WA	BNPFT-030317AAN	247D 97.3	0.007 521.0	47-51-15 120-10-10	184.7	51.78 0.00	0 TRANS
KBSGaux LIC	TACOMA WA	BXLH-940302KB	247C 97.3	20.000 691.0	47-30-14 121-58-29	237.6	166.04 0.00	0 AUX
KBSG-FM LIC	TACOMA WA	BLH-891018KC	247C 97.3	55.000 729.0	47-30-14 121-58-29	237.6	166.04 -9.96	176 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 165 KM								
KBSGaux LIC	TACOMA WA	BXLH-990714KF	247C 97.3	54.000 226.0	47-18-14 122-23-43	237.3	204.80 0.00	0 AUX
KBSGaux LIC	TACOMA WA	BXLH-001018ACH	247C 97.3	50.000 388.0	47-32-35 122-06-25	240.6	172.14 0.00	0 AUX
	TRAIL BC	-	248A 97.5	0.000 0.0	49-05-26 117-49-08	62.1	189.45 5.45	184 CLOSE
RSV	BASIN CITY WA	RM-10637	248C2 97.5	0.000 0.0	46-39-26 119-10-23	158.7	197.80 20.80	177 CLEAR
KOLW RSV	BASIN CITY WA	-	248C1 97.5	0.000 0.0	46-14-17 119-19-43	165.4	238.77 27.77	211 CLEAR

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KOLW CP	BASIN CITY WA	BPH-031010AAR	248C1 97.5	50.000 189.0	46-17-23 119-25-28	166.8 SS	231.47 20.47	211 CLEAR
NEW-T APP	COLVILLE WA	BNPFT-030317KKO	248D 97.5	0.011 551.0	48-34-25 117-53-47	79.3	166.43 0.00	0 TRANS
K248BG CP	ELLENSBURG WA	BNPFT-030829AXF	248D 97.5	0.250 58.0	46-59-57 120-31-42	192.1	149.95 0.00	0 TRANS
KOLW LIC	OTHELLO WA	BLH-920224KD	248C3 97.5	4.600 232.0	46-45-55 119-16-49	159.8	183.70 30.70	153 CLEAR
NEW APP	WINTHROP WA	BNPH-041230ACJ	248A 97.5	6.000 -1.0	48-27-40 120-13-25	332.8	17.86 -124.14	142 SHORT
VAC	WINTHROP WA	-	248A 97.5	0.000 0.0	48-27-40 120-10-36	343.5	16.56 -125.44	142 SHORT
KYSN LIC	EAST WENATCHEE WA	BLH-020423AAQ	249C3 97.7	9.300 -30.0	47-22-51 120-17-15	187.2	105.05 6.05	99 CLOSE
NEW-T APP	MANSFIELD WA	BNPFT-030317AAP	249D 97.7	0.007 521.0	47-51-15 120-10-10	184.7	51.78 0.00	0 TRANS
K249CV LIC	OMAK, ETC. WA	BLFT-871209TA	249D 97.7	0.048 1037.0	48-27-15 119-18-25	75.5	61.59 0.00	0 TRANS
NEW-T APP	BREWSTER WA	BNPFT-030317CCL	250D 97.9	0.001 1312.0	48-00-59 119-58-51	163.7	34.99 0.00	0 TRANS
K215AD APP	CHELAN, ETC. WA	BMJPFT-030314AEM	250D 97.9	0.010 901.0	47-48-37 120-02-00	174.0	56.80 0.00	0 TRANS
NEW-T APP	CHELAN WA	BNPFT-030317EBL	251D 98.1	0.099 246.0	47-51-52 120-02-20	173.7	50.77 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 248 44444

