

**April 2006
KINK(FM) Channel 270C Portland, OR
Allocation Study**

Channel 270C Allotment Site

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

The proposed allotment site is located within the city of Portland, and provides 70 dBu service to 100% of Portland.

SEARCH PARAMETERS

FM Database Date: 060407

Channel: 270C 101.9 MHz
 Latitude: 45 28 29
 Longitude: 122 41 14
 Safety Zone: 32 km
 Job Title: KINK 270C ALLOTMENT SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K216EH LIC	COLTON OR	BLFT-040824AAV	216D 91.1	0.010 960.0	45-07-52 122-17-28	140.8	49.23 0.00	0 TRANS
NEW-T APP	PORTLAND OR	BNPFT-000222ABV	216D 91.1	0.010 478.0	45-30-58 122-43-59	322.2	5.83 0.00	0 TRANS
KFLY RSV	CORVALLIS OR -		268C 101.5	0.000 0.0	44-38-24 123-16-25	206.6	103.63 -1.37	105 SHORT
NOTE: THE ALLOTMENT AT CORVALLIS IS ON CHANNEL 268C0; THIS RECORD IS FOR AN OLD PROPOSAL WITH WAS DENIED.								
K268AU CP	SEASIDE OR	BNPFT-030721AKW	268D 101.5	0.012 436.0	45-44-39 123-56-23	287.5	102.19 0.00	0 TRANS
VAC	THE DALLES OR	RM-8741	268C3 101.5	0.000 0.0	45-31-28 121-07-22	86.8	122.40 26.40	96 CLEAR
VAC	THE DALLES OR -		268C3 101.5	0.000 0.0	45-31-28 121-07-22	86.8	122.40 26.40	96 CLEAR
RSV	REDMOND OR	RM-8732	269C2 101.7	0.000 0.0	44-04-41 121-19-57	145.0	188.65 0.65	188 CLOSE
KLRR LIC	REDMOND OR	BLH-041213ACA	269C2 101.7	23.000 223.0	44-04-39 121-19-57	145.0	188.70 0.70	188 CLOSE
K216EG CP	EUFAULA/LONGVIEW WA	BPFT-030611AAG	269D 101.7	0.023 313.0	46-19-46 122-57-50	347.4	97.40 0.00	0 TRANS
K269EM LIC	RAYMOND WA	BLFT-040204ABA	269D 101.7	0.040 3.0	46-41-00 123-43-54	329.4	156.76 0.00	0 TRANS
K270AT CP	HARRISBURG OR	BNPFT-030804ABZ	270D 101.9	0.010 870.0	44-11-53 122-59-07	189.5	143.82 0.00	0 TRANS
K270BB CP	LINCOLN CITY OR	BNPFT-030827APS	270D 101.9	0.250 48.0	44-59-48 124-00-27	243.3	116.50 0.00	0 TRANS
KINK CP MOD	PORTLAND OR	BMPH-050912AAP	270C0 101.9	100.000 441.0	45-30-58 122-43-59	322.2	5.83 -275.17	281 SHORT
KINK LIC	PORTLAND OR	BLH-000524ABC	270C 101.9	100.000 470.0	45-31-21 122-44-45	319.3	7.01 -282.99	290 SHORT

SEARCH PARAMETERS

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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)
KINKaux LIC	PORTLAND OR	BXLH-040806AAZ	270C 101.9	40.000 441.0	45-31-21 122-44-45	319.3	7.01 0.00	0 AUX
NEW-T APP	HUNT'S POINT WA	BNPFT-030317ACA	270D 101.9	0.099 167.0	47-36-58 122-18-28	6.8	239.81 0.00	0 TRANS
NEW-T APP	MANZANITA WA	BNPFT-030317AAS	270D 101.9	0.020 118.0	47-21-14 122-27-45	4.6	209.60 0.00	0 TRANS
NEW-T APP	MERCER ISLAND WA	BNPFT-030311AQK	270D 101.9	0.010 224.0	47-36-57 122-18-26	6.8	239.79 0.00	0 TRANS
NEW-T APP	ORTING WA	BNPFT-030311AQH	270D 101.9	0.010 517.0	47-02-52 122-08-33	13.3	179.83 0.00	0 TRANS
ADD	PRINEVILLE OR	RM-10684	271C3 102.1	0.000 0.0	44-21-08 120-44-42	128.5	197.70 21.70	176 CLEAR
ADD	PRINEVILLE OR	RM-10684	271C3 102.1	0.000 0.0	44-20-36 120-44-06	128.6	198.94 22.94	176 CLEAR
K271AU CP	CHEHALIS WA	BNPFT-030826ANF	271D 102.1	0.090 114.0	46-40-09 122-57-46	351.0	134.47 0.00	0 TRANS
KSWW LIC	ELMA WA	BLH-980730KA	271C3 102.1	25.000 98.0	46-57-31 123-35-18	337.5 SS	179.00 3.00	176 CLOSE
RSV	MONTESANO WA	RM-9679	271C2 102.1	0.000 0.0	47-03-44 123-44-44	335.6	194.41 6.41	188 CLOSE
KSWW CP	MONTESANO WA	BPH-050527BFD	271C2 102.1	23.000 171.0	46-59-47 123-46-03	334.2 SS	188.55 0.55	188 CLOSE
NEW-T APP	SUMNER WA	BNPFT-030313BBI	271D 102.1	0.002 54.0	47-10-52 122-14-57	9.9	192.65 0.00	0 TRANS
KPQ-FM LIC	WENATCHEE WA	BMLH-000322ABI	271C 102.1	35.000 809.0	47-16-28 120-25-30	40.1	265.17 24.17	241 CLEAR
KCRX-FM LIC	SEASIDE OR	BLH-980909KF	272C3 102.3	25.000 100.0	45-57-08 123-56-14	299.1 SS	110.86 14.86	96 CLEAR

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SEARCH PARAMETERS

FM Database Date: 060407

Channel: 270C 101.9 MHz Page 3
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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)
ADD	THE DALLES OR	RM-ajr322	272C2 102.3	0.000 0.0	45-38-56 121-16-20	79.5	112.16 7.16	105 CLOSE
K273AJ LIC	ELWOOD OR	BLFT-030703ABN	273D 102.5	0.010 961.0	45-07-52 122-17-28	140.8	49.23 0.00	0 TRANS
K273AI LIC	ARIEL WA	BLFT-020624AAE	273D 102.5	0.006 508.0	46-01-00 122-46-39	353.4	60.64 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 270 44444

Channel 270C Transmitter Site

The attached spacing study shows that the proposed allotment site meets the co-channel and adjacent channel spacing requirements for Class C stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed and authorized operations of KSWW on Channel 271C3/C2. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KSWW, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that station.

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SEARCH PARAMETERS

FM Database Date: 060407

Channel: 270C 101.9 MHz
 Latitude: 45 30 58
 Longitude: 122 43 59
 Safety Zone: 32 km
 Job Title: KINK 270C TRANSMITTER SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K216EH LIC	COLTON OR	BLFT-040824AAV	216D 91.1	0.010 960.0	45-07-52 122-17-28	140.9	55.06 0.00	0 TRANS
NEW-T APP	PORTLAND OR	BNPFT-000222ABV	216D 91.1	0.010 478.0	45-30-58 122-43-59	0.0	0.00 0.00	0 TRANS
KFLY RSV	CORVALLIS OR	-	268C 101.5	0.000 0.0	44-38-24 123-16-25	203.7	106.26 1.26	105 CLOSE
K268AU CP	SEASIDE OR	BNPFT-030721AKW	268D 101.5	0.012 436.0	45-44-39 123-56-23	285.6	97.45 0.00	0 TRANS
VAC	THE DALLES OR	RM-8741	268C3 101.5	0.000 0.0	45-31-28 121-07-22	89.0	125.82 29.82	96 CLEAR
VAC	THE DALLES OR	-	268C3 101.5	0.000 0.0	45-31-28 121-07-22	89.0	125.82 29.82	96 CLEAR
RSV	REDMOND OR	RM-8732	269C2 101.7	0.000 0.0	44-04-41 121-19-57	144.9	194.47 6.47	188 CLOSE
KLRR LIC	REDMOND OR	BLH-041213ACA	269C2 101.7	23.000 223.0	44-04-39 121-19-57	144.9	194.52 6.52	188 CLOSE
K216EG CP	EUFAULA/LONGVIEW WA	BPFT-030611AAG	269D 101.7	0.023 313.0	46-19-46 122-57-50	348.9	92.16 0.00	0 TRANS
K269EM LIC	RAYMOND WA	BLFT-040204ABA	269D 101.7	0.040 3.0	46-41-00 123-43-54	329.7	150.98 0.00	0 TRANS
K270AT CP	HARRISBURG OR	BNPFT-030804ABZ	270D 101.9	0.010 870.0	44-11-53 122-59-07	187.8	147.82 0.00	0 TRANS
K270BB CP	LINCOLN CITY OR	BNPFT-030827APS	270D 101.9	0.250 48.0	44-59-48 124-00-27	240.4	115.50 0.00	0 TRANS
KINK CP MOD	PORTLAND OR	BMPH-050912AAP	270C0 101.9	100.000 441.0	45-30-58 122-43-59	0.0	0.00 -281.00	281 SHORT
KINK LIC	PORTLAND OR	BLH-000524ABC	270C 101.9	100.000 470.0	45-31-21 122-44-45	305.5	1.23 -288.77	290 SHORT

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KINKaux LIC	PORTLAND OR	BXLH-040806AAZ	270C 101.9	40.000 441.0	45-31-21 122-44-45	305.5	1.23 0.00	0 AUX
NEW-T APP	HUNT'S POINT WA	BNPFT-030317ACA	270D 101.9	0.099 167.0	47-36-58 122-18-28	7.8	235.71 0.00	0 TRANS
NEW-T APP	MANZANITA WA	BNPFT-030317AAS	270D 101.9	0.020 118.0	47-21-14 122-27-45	5.7	205.34 0.00	0 TRANS
NEW-T APP	MERCER ISLAND WA	BNPFT-030311AQK	270D 101.9	0.010 224.0	47-36-57 122-18-26	7.8	235.68 0.00	0 TRANS
NEW-T APP	ORTING WA	BNPFT-030311AQH	270D 101.9	0.010 517.0	47-02-52 122-08-33	14.7	176.23 0.00	0 TRANS
ADD	PRINEVILLE OR	RM-10684	271C3 102.1	0.000 0.0	44-21-08 120-44-42	128.9	203.37 27.37	176 CLEAR
ADD	PRINEVILLE OR	RM-10684	271C3 102.1	0.000 0.0	44-20-36 120-44-06	129.0	204.61 28.61	176 CLEAR
K271AU CP	CHEHALIS WA	BNPFT-030826ANF	271D 102.1	0.090 114.0	46-40-09 122-57-46	352.2	129.39 0.00	0 TRANS
KSWW LIC	ELMA WA	BLH-980730KA	271C3 102.1	25.000 98.0	46-57-31 123-35-18	338.0 SS	173.38 -2.62	176 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 165 KM								
RSV	MONTESANO WA	RM-9679	271C2 102.1	0.000 0.0	47-03-44 123-44-44	336.0	188.74 0.74	188 CLOSE
KSWW CP	MONTESANO WA	BPH-050527BFD	271C2 102.1	23.000 171.0	46-59-47 123-46-03	334.6 SS	182.86 -5.14	188 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 176 KM								
NEW-T APP	SUMNER WA	BNPFT-030313BBI	271D 102.1	0.002 54.0	47-10-52 122-14-57	11.2	188.79 0.00	0 TRANS
KPQ-FM LIC	WENATCHEE WA	BMLH-000322ABI	271C 102.1	35.000 809.0	47-16-28 120-25-30	41.3	264.04 23.04	241 CLEAR
KCRX-FM LIC	SEASIDE OR	BLH-980909KF	272C3 102.3	25.000 100.0	45-57-08 123-56-14	297.9 SS	105.52 9.52	96 CLOSE

SEARCH PARAMETERS

FM Database Date: 060407

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 Latitude: 45 30 58
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 Safety Zone: 32 km
 Job Title: KINK 270C TRANSMITTER SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
ADD	THE DALLES OR	RM-ajr322	272C2 102.3	0.000 0.0	45-38-56 121-16-20	82.1	114.96 9.96	105 CLOSE
K273AJ LIC	ELWOOD OR	BLFT-030703ABN	273D 102.5	0.010 961.0	45-07-52 122-17-28	140.9	55.06 0.00	0 TRANS
K273AI LIC	ARIEL WA	BLFT-020624AAE	273D 102.5	0.006 508.0	46-01-00 122-46-39	356.5	55.74 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 270 44444

