

**New FM Translator
Wenatchee, Washington Channel 225D
Allocation Study
August 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 proposed translator transmitter site is located within the 60 dBu contour of third-adjacent translator station K228CX 228D Wenatchee. The free-space 100 dBu contour from the proposed translator would extend just 0.7 km from the tower. There is no population within this contour. Therefore, the proposed facility is believed to satisfy the requirements of §74.1204(d) with respect to K228CX.

The proposed translator will operate with less than 100 Watts ERP. Therefore, there are no required 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, Canadian concurrence of the proposed translator operation is not believed to be required.

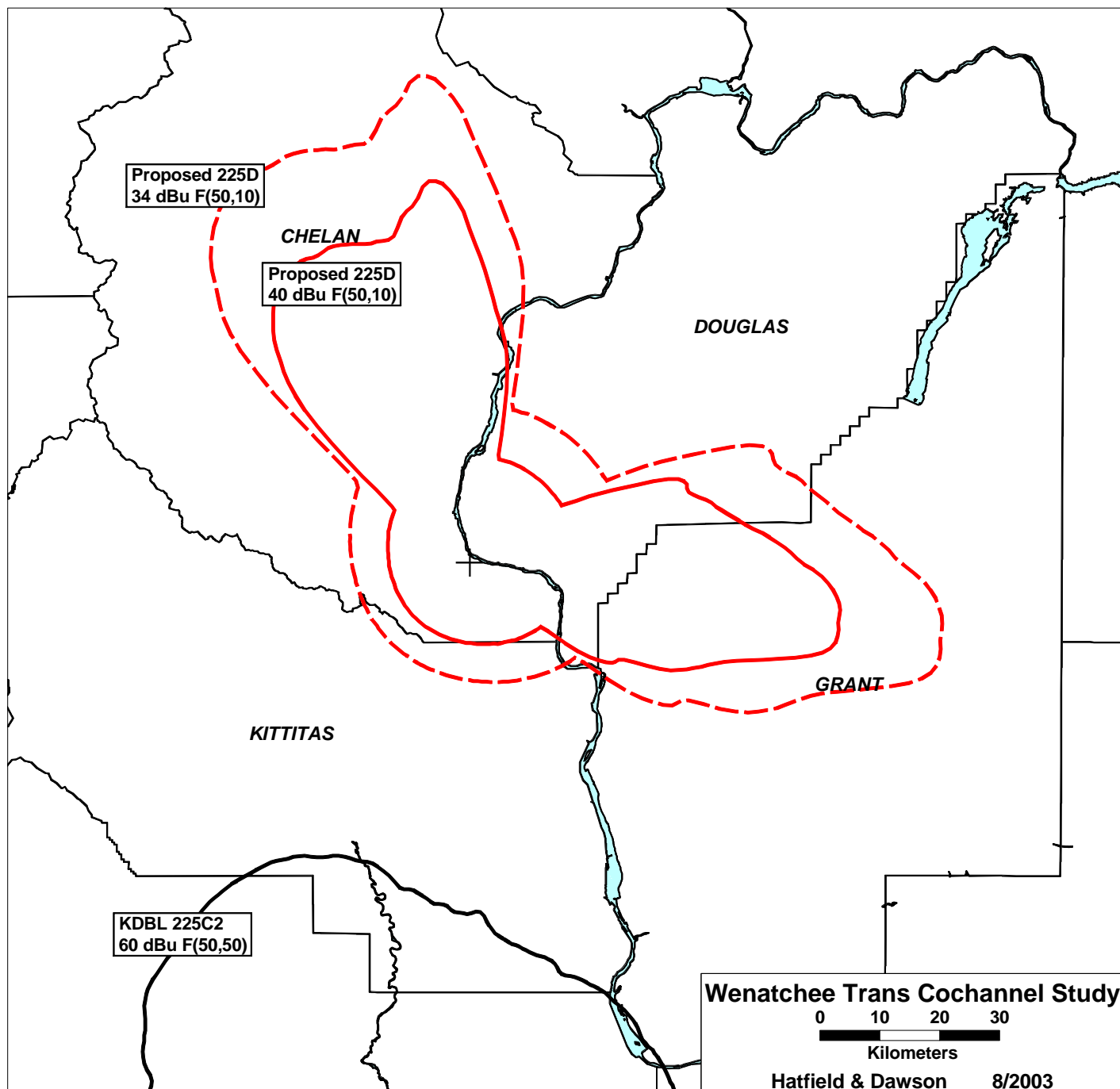
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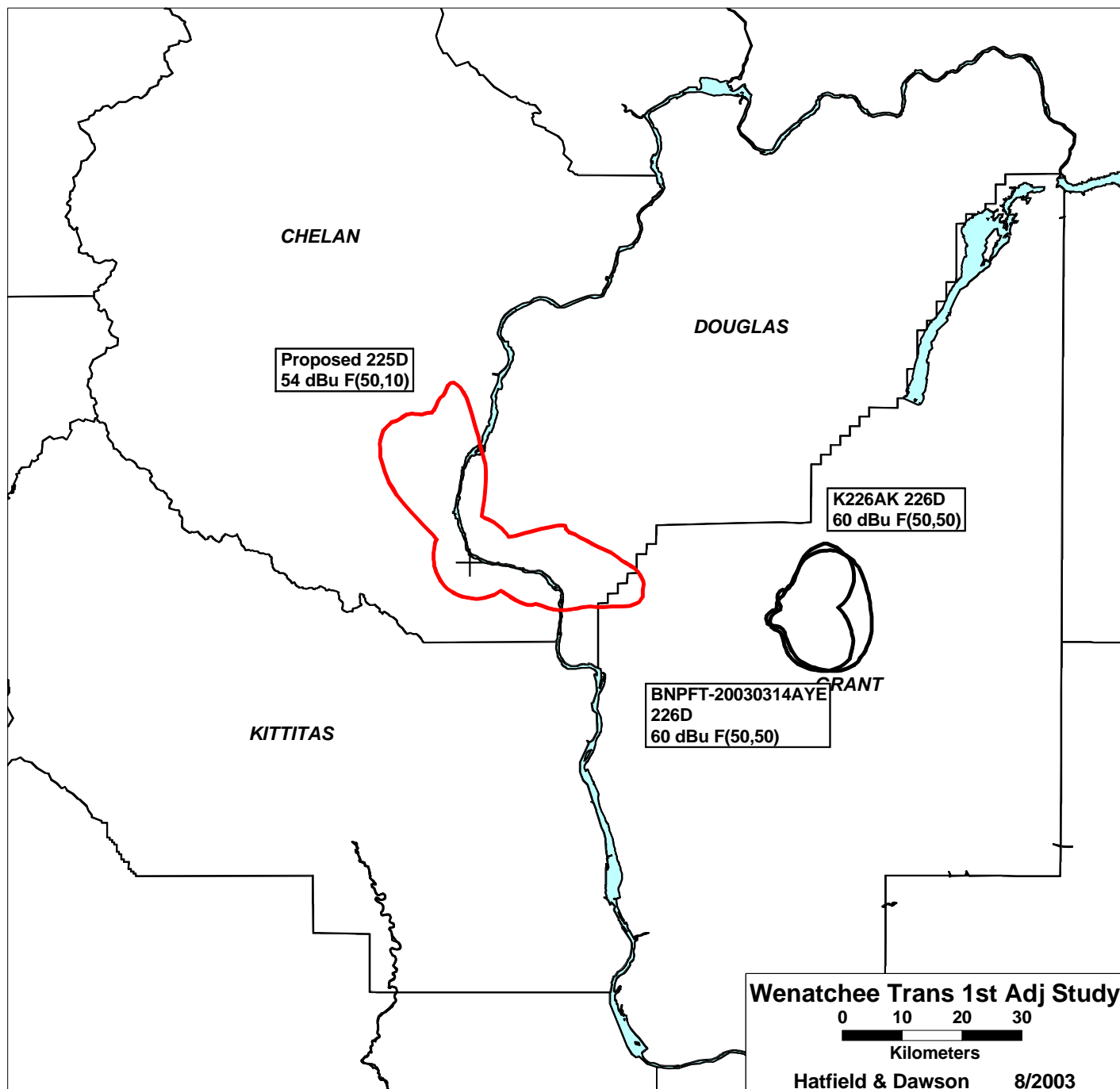
SEARCH PARAMETERS FM Database Date: 030731

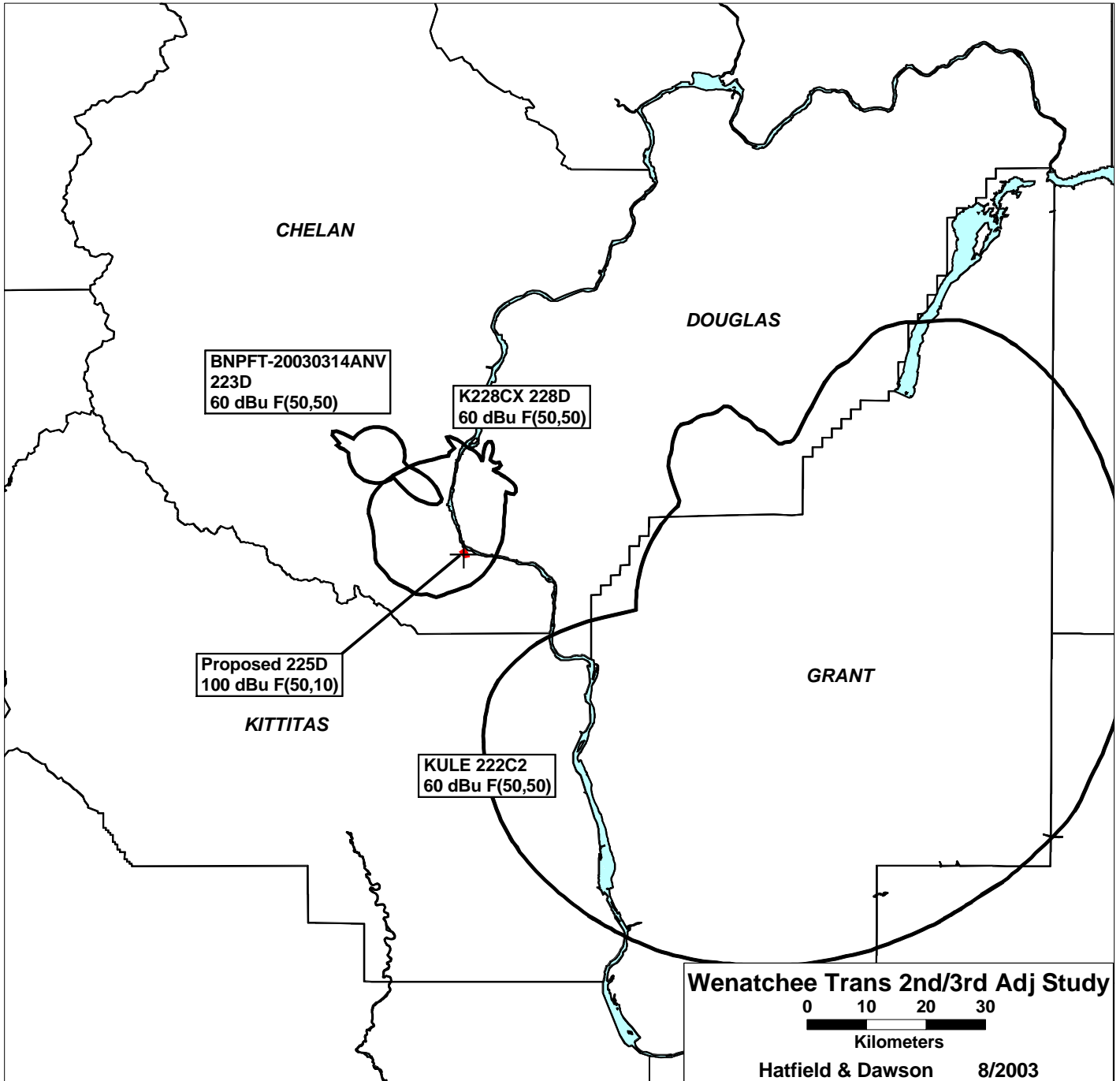
Channel: 225A 92.9 MHz Page 1
 Latitude: 47 22 51
 Longitude: 120 17 15
 Safety Zone: 32 km
 Job Title: WENATCHEE 225 TRANS

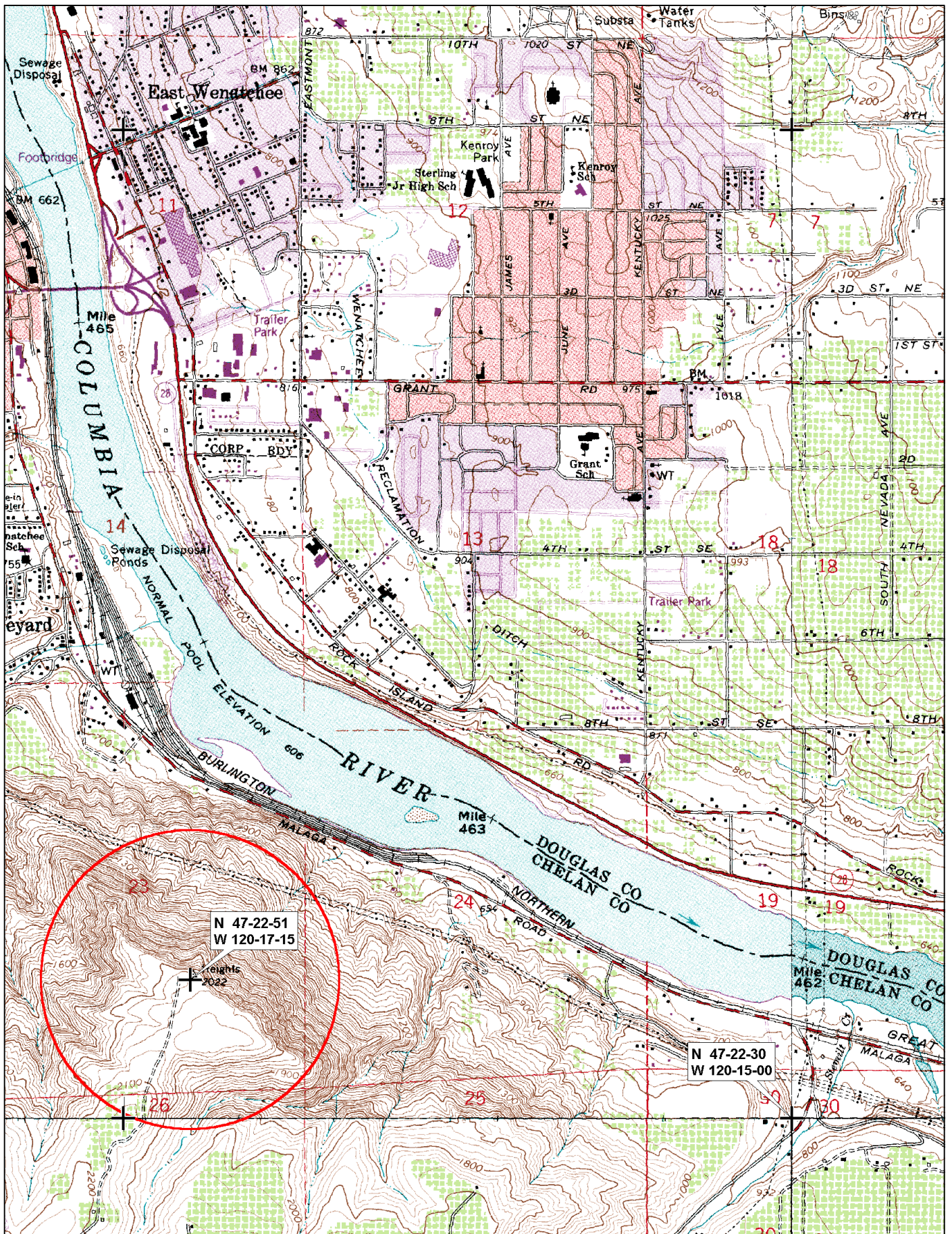
Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KULE-FM LIC	EPHRATA WA	BLH-990108KA	222C2 92.3	26.000 205.0	47-18-18 119-35-53	99.0 SS	52.78 -2.22	55 SHORT
KLSY-FM LIC	BELLEVUE WA	BLH-890918KA	223C 92.5	58.000 714.0	47-30-14 121-58-29	276.8	128.00 33.00	95 CLEAR
NEW-T APP	CASHMERE WA	BNPFT-030314ANV	223D 92.5	0.050 237.0	47-31-50 120-28-50	319.0	22.11 0.00	0 TRANS
NEW-T APP	CHELAN WA	BNPFT-030317EBG	223D 92.5	0.100 246.0	47-51-52 120-02-20	19.0	56.92 0.00	0 TRANS
KNCW LIC	OMAK WA	BLH-951212KE	224C2 92.7	4.100 287.0	48-19-12 119-32-18	27.9 SS	118.52 12.52	106 CLEAR
KISM LIC	BELLINGHAM WA	BLH-5235	225C 92.9	50.000 744.0	48-40-48 122-50-24	308.2	238.98 12.98	226 CLEAR
KZZU-FM LIC	SPOKANE WA	BLH-781017AE	225C 92.9	85.000 634.0	47-35-42 117-17-53	82.8	226.55 0.55	226 CLOSE
KDBL LIC	TOPPENISH WA	BLH-900706KF	225C2 92.9	17.000 257.0	46-30-15 120-23-33	184.7	97.79 -68.21	166 SHORT
NEW-T APP	WENATCHEE WA	BNPFT-030313AGC	225D 92.9	0.020 396.0	47-22-52 120-17-16	325.9	0.04 0.00	0 TRANS
NEW-T APP	EPHRATA WA	BNPFT-030314AYE	226D 93.1	0.040 266.0	47-18-50 119-34-55	97.7	53.83 0.00	0 TRANS
K226AK CP	MOSES LAKE WA	BPFT-960325TE	226D 93.1	0.040 328.0	47-18-50 119-34-55	97.7	53.83 0.00	0 TRANS
NEW-T APP	LEAVENWORTH WA	BNPFT-030314AOT	227D 93.3	0.010 425.0	47-36-59 120-40-37	312.0	39.33 0.00	0 TRANS
KOZI-FM LIC	CHELAN WA	BMLH-910204KE	228A 93.5	0.590 317.0	47-51-07 119-52-18	30.6	61.00 30.00	31 CLEAR
K228CX LIC	WENATCHEE, ETC. WA	BLFT-891201TC	228D 93.5	0.050 784.0	47-30-33 120-14-22	14.2	14.72 0.00	0 TRANS
NEW-T APP	WENATCHEE WA	BNPFT-030317AAJ	278D 103.5	0.000 782.0	47-30-33 120-14-22	14.2	14.72 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 225 44444









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Zoom Level: 13-1 Datum: NAD27

Scale 1 : 24,000
1" = 610 m

