

June 2013
New FM Translator
Kennewick South, WA Channel 231D
Allocation Study for Tech Box Amendment

This Tech Box amendment is being filed in order to resolve all conflicts with other applications in MX Group #510, by changing the proposed transmitter site, height, power, and pattern. Simultaneously, the only other applicant in this MX group is also filing an amendment. The sum total of these changes eliminate any conflict between the two applications. This amendment qualifies as a minor change.

The attached spacing study shows the spacing between the proposed 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 map demonstrates that the amended Kennewick South proposal is no longer MXed with the other applications from MX Group #510.

SEARCH PARAMETERS

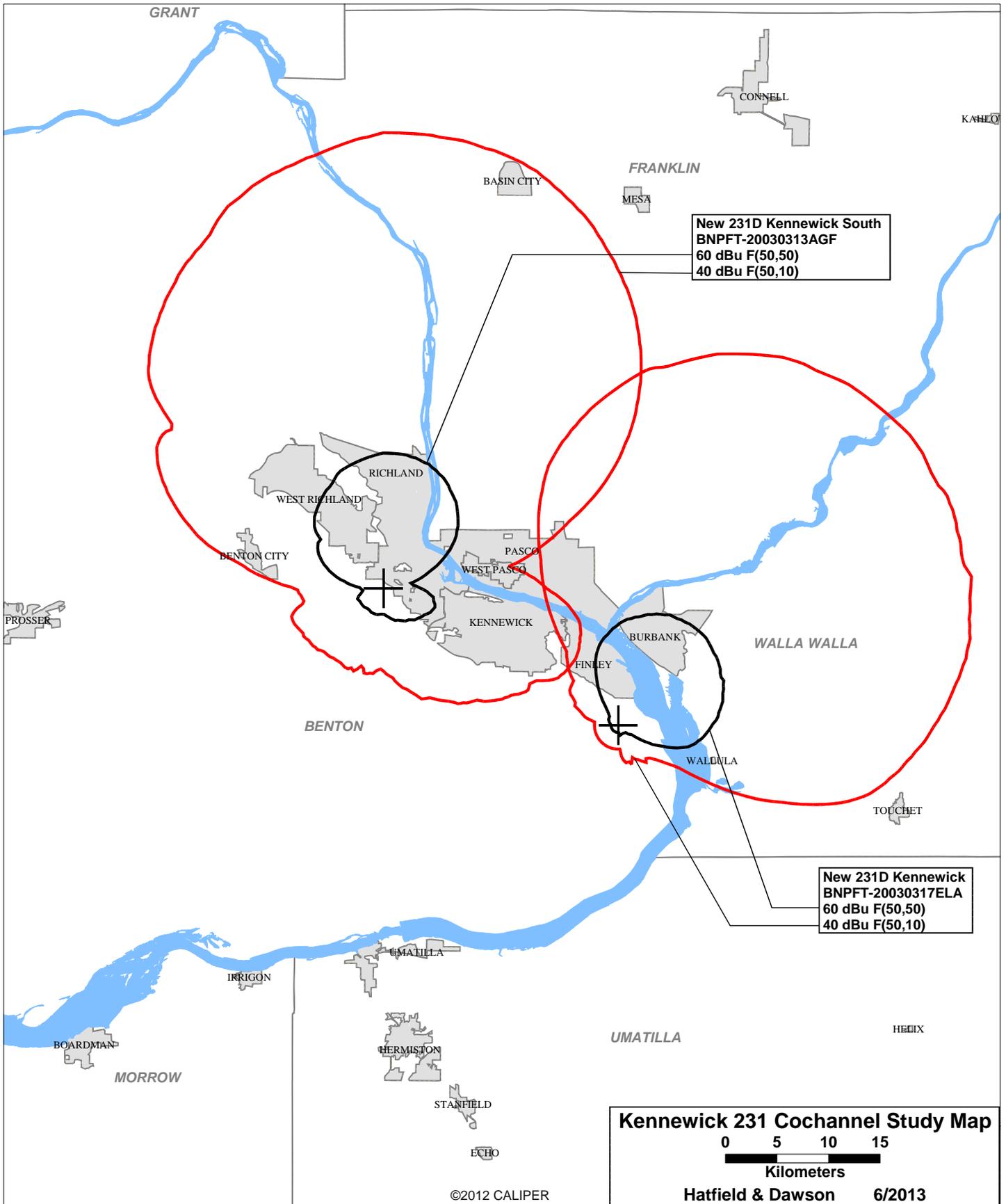
FM Database Date: 130528

Channel: 231A 94.1 MHz
 Latitude: 46 14 4
 Longitude: 119 19 13
 Safety Zone: 32 km
 Job Title: KENNEWICK SOUTH 231 AMEND

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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)
KRKG-FM LIC	PASCO WA	BLH-90706ADN	229A 93.7	0.450 361.0	46-06-15 119-07-48	134.6	20.63 -10.37	31 SHORT
VAC	BOARDMAN OR	RM-11245	231C3 94.1	0.000 0.0	45-53-51 119-55-21	231.3	59.78 -82.22	142 SHORT
RSV	CLARKSTON WA	RM-11245	231C0 94.1	0.000 0.0	46-27-27 117-06-03	80.9	172.65 -42.35	215 SHORT
KCLK-FM LIC	CLARKSTON WA	BLH-831227AC	231C0 94.1	100.000 376.0	46-27-27 117-06-03	80.9	172.65 -42.35	215 SHORT
NEW-T APP	KENNEWICK WA	BNPFT-30317ELA	231D 94.1	0.030 195.0	46-08-48 119-05-59	119.8	19.62 0.00	0 TRANS
NEW-T APP	KENNEWICK SOUTH WA	BNPFT-30313AGF	231D 94.1	0.050 258.0	46-09-43 119-09-12	122.0	15.20 0.00	0 TRANS
KMPS-FM LIC	SEATTLE WA	BMLH-21205AAR	231C 94.1	73.000 698.0	47-30-17 121-58-04	306.0	246.35 20.35	226 CLEAR
KMPSaux LIC	SEATTLE WA	BXLH-60530AHC	231C 94.1	53.000 371.0	47-32-37 122-06-35	305.5	257.64 0.00	0 AUX
K232CB LIC	PENDLETON OR	BLFT-860327TZ	232D 94.3	0.009 31.0	45-40-04 118-46-52	146.3	75.60 0.00	0 TRANS
KATS LIC	YAKIMA WA	BLH-840625CS	233C1 94.5	100.000 277.0	46-31-59 120-30-14	290.5	96.91 21.91	75 CLEAR
K285FN LIC	KENNEWICK WEST WA	BLFT-70614AAX	285D 104.9	0.019 365.0	46-14-04 119-19-13	0.0	0.00 0.00	0 TRANS

==== END OF FM SPACING STUDY FOR CHANNEL 231 =====



New 231D Kennewick South
BNPFT-20030313AGF
 60 dBu F(50,50)
 40 dBu F(50,10)

New 231D Kennewick
BNPFT-20030317ELA
 60 dBu F(50,50)
 40 dBu F(50,10)

Kennewick 231 Cochannel Study Map

0 5 10 15
 Kilometers

Hatfield & Dawson 6/2013