

**January 2012  
KWXS Channel 299C2  
Prineville, Oregon  
Allocation Study**

The attached spacing study shows that the proposed KWXS Channel 299C2 operation meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules, with the exception of the short-spacing to the construction permit for KBDF on Channel 299A at Diamond Lake. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to the KBDF permit, 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

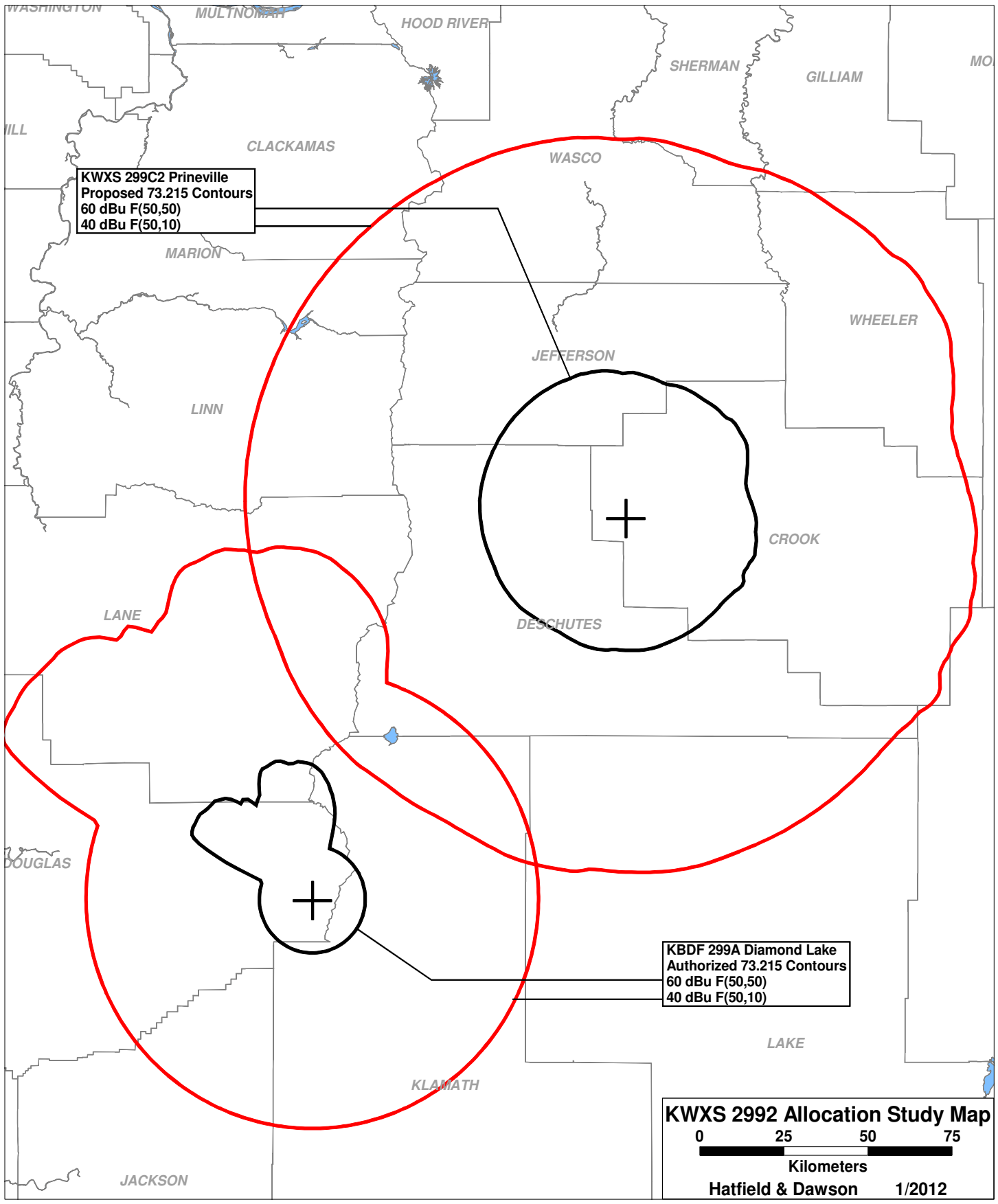
FM Database Date: 120104

Channel: 299C2 107.7 MHz  
 Latitude: 44 11 53  
 Longitude: 120 58 40  
 Safety Zone: 32 km  
 Job Title: KWXS PRINEVILLE

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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)
K245BC LIC	PRINEVILLE OR	BLFT-81008ACX	245D 96.9	0.056 806.0	44-26-13 120-57-11	4.2	26.62 0.00	0 TRANS
KXJM LIC	BANKS OR	BLH-91013ABB	298C0 107.5	71.000 501.6	45-30-58 122-43-59	317.3	201.75 25.75	176 CLEAR
KBDF CP	DIAMOND LAKE OR	BNPH-10824AAS	299A 107.7	6.000 -70.0	43-10-52 122-08-15	219.9 SS	146.66 -19.34	166 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 143 KM								
K299AD LIC	HOOD RIVER OR	BLFT-940524TE	299D 107.7	0.010 DA 630.0	45-43-23 121-26-42	347.9	173.44 0.00	0 TRANS
KWVN-FM LIC	PENDLETON OR	BLH-50711ABV	299C1 107.7	75.000 340.0	45-35-27 118-34-47	49.8	244.62 20.62	224 CLEAR
KWXS CP	PRINEVILLE OR	BNPH-10523AEV	299C2 107.7	0.740 581.0	44-11-51 120-58-36	124.9 SS	0.11 -189.89	190 SHORT
K299BB LIC	THE DALLES OR	BLFT-70510ABG	299D 107.7	0.125 58.0	45-35-15 121-09-47	354.7	155.10 0.00	0 TRANS
KHPE LIC	ALBANY OR	BLH-5427	300C 107.9	100.000 354.0	44-38-46 123-16-11	286.1	189.19 1.19	188 CLOSE

===== END OF FM SPACING STUDY FOR CHANNEL 299 =====



**KWXS 299C2 Prineville**  
Proposed 73.215 Contours  
60 dBu F(50,50)  
40 dBu F(50,10)

**KBDF 299A Diamond Lake**  
Authorized 73.215 Contours  
60 dBu F(50,50)  
40 dBu F(50,10)