

**May 2011  
New FM Channel 299C2  
Prineville, Oregon  
Allocation Study**

The instant application proposes a “one step” upgrade of the Prineville Channel 299C3 allotment to Channel 299C2.

**Allotment Site Spacing Study**

The attached spacing study shows that the proposed Channel 299C2 allotment site meets the co-channel and adjacent channel spacing requirements for Class C2 stations as prescribed in §73.207 of the Commission's Rules.

**Transmitter Site Spacing Study**

The attached spacing study shows that the proposed Channel 299C2 transmitter site 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 a short-spacing to a vacant allotment on Channel 299A at Diamond Lake. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to the Diamond Lake allotment, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with that allotment assuming that it were to operate with maximum Class A parameters at the allotment site.

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## SEARCH PARAMETERS

FM Database Date: 110509

Channel: 299C2 107.7 MHz  
 Latitude: 44 19 22  
 Longitude: 120 48 44  
 Safety Zone: 32 km  
 Job Title: PRINEVILLE 299C2 ALLOT SITE

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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	318.6	16.94 0.00	0 TRANS
KXJM LIC	BANKS OR	BLH-91013ABB	298C0 107.5	71.000 501.6	45-30-58 122-43-59	311.9	201.47 25.47	176 CLEAR
VAC	DIAMOND LAKE OR	RM-10348	299A 107.7	0.000 0.0	43-10-44 122-08-16	220.4	165.99 -0.01	166 SHORT
K299AD LIC	HOOD RIVER OR	BLFT-940524TE	299D 107.7	0.010 DA 630.0	45-43-23 121-26-42	342.5	163.41 0.00	0 TRANS
KWVN-FM LIC	PENDLETON OR	BLH-50711ABV	299C1 107.7	75.000 340.0	45-35-27 118-34-47	50.5	225.59 1.59	224 CLOSE
VAC	PRINEVILLE OR	RM-11360	299C3 107.7	0.000 0.0	44-26-17 120-57-12	318.9	17.05 -159.95	177 SHORT
NEW APP NOTE:	PRINEVILLE OR	BNPH-70129AAI	299C3 107.7	0.430 668.0	44-26-17 120-57-12	318.9	17.05 -159.95	177 SHORT
THIS IS THE FORM 301 APPLICATION WHICH ACCOMPANIED THE ORIGINAL PRINEVILLE 299C3 ALLOTMENT PROPOSAL								
K299BB LIC	THE DALLES OR	BLFT-70510ABG	299D 107.7	0.125 58.0	45-35-15 121-09-47	349.0	143.25 0.00	0 TRANS
KHPE LIC	ALBANY OR	BLH-5427	300C 107.9	100.000 354.0	44-38-46 123-16-11	281.3	198.78 10.78	188 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 299 44444

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## SEARCH PARAMETERS

FM Database Date: 110509

Channel: 299C2 107.7 MHz  
 Latitude: 44 11 51  
 Longitude: 120 58 36  
 Safety Zone: 32 km  
 Job Title: PRINEVILLE 299C2 TRANSMITTER SITE

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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	4.0	26.67 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	201.86 25.86	176 CLEAR
VAC	DIAMOND LAKE OR	RM-10348	299A 107.7	0.000 0.0	43-10-44 122-08-16	219.9	146.88 -19.12	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	173.52 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	244.59 20.59	224 CLEAR
VAC	PRINEVILLE OR	RM-11360	299C3 107.7	0.000 0.0	44-26-17 120-57-12	4.0	26.79 -150.21	177 SHORT
NEW APP NOTE:	PRINEVILLE OR	BNPH-70129AAI	299C3 107.7	0.430 668.0	44-26-17 120-57-12	4.0	26.79 -150.21	177 SHORT
THIS IS THE FORM 301 APPLICATION WHICH ACCOMPANIED THE ORIGINAL PRINEVILLE 299C3 ALLOTMENT PROPOSAL								
K299BB LIC	THE DALLES OR	BLFT-70510ABG	299D 107.7	0.125 58.0	45-35-15 121-09-47	354.6	155.17 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	189.30 1.30	188 CLOSE

44444 END OF FM SPACING STUDY FOR CHANNEL 299 44444

