

**K280BD Minor Modification
Channel 277D
Allocation Study
August 2005**

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 transmitter site is located within the 60 dBu contour of second-adjacent-channel station KSJJ 275C1 Redmond. The attached map exhibit depicts the worst-case 100 dBu F(50,10) contour (0.7 km radius) from the proposed translator facility, overlaid on the USGS "Grizzly Mountain" 7.5 minute topographic map. The 100 dBu F(50,10) contour does not overlap any populated areas, encompassing only the transmitter sites at the Grizzly Mountain peak, and the transmitter site access road. Therefore, the proposed translator facility is believed to be in compliance with §74.1204(d) with respect to KSJJ.

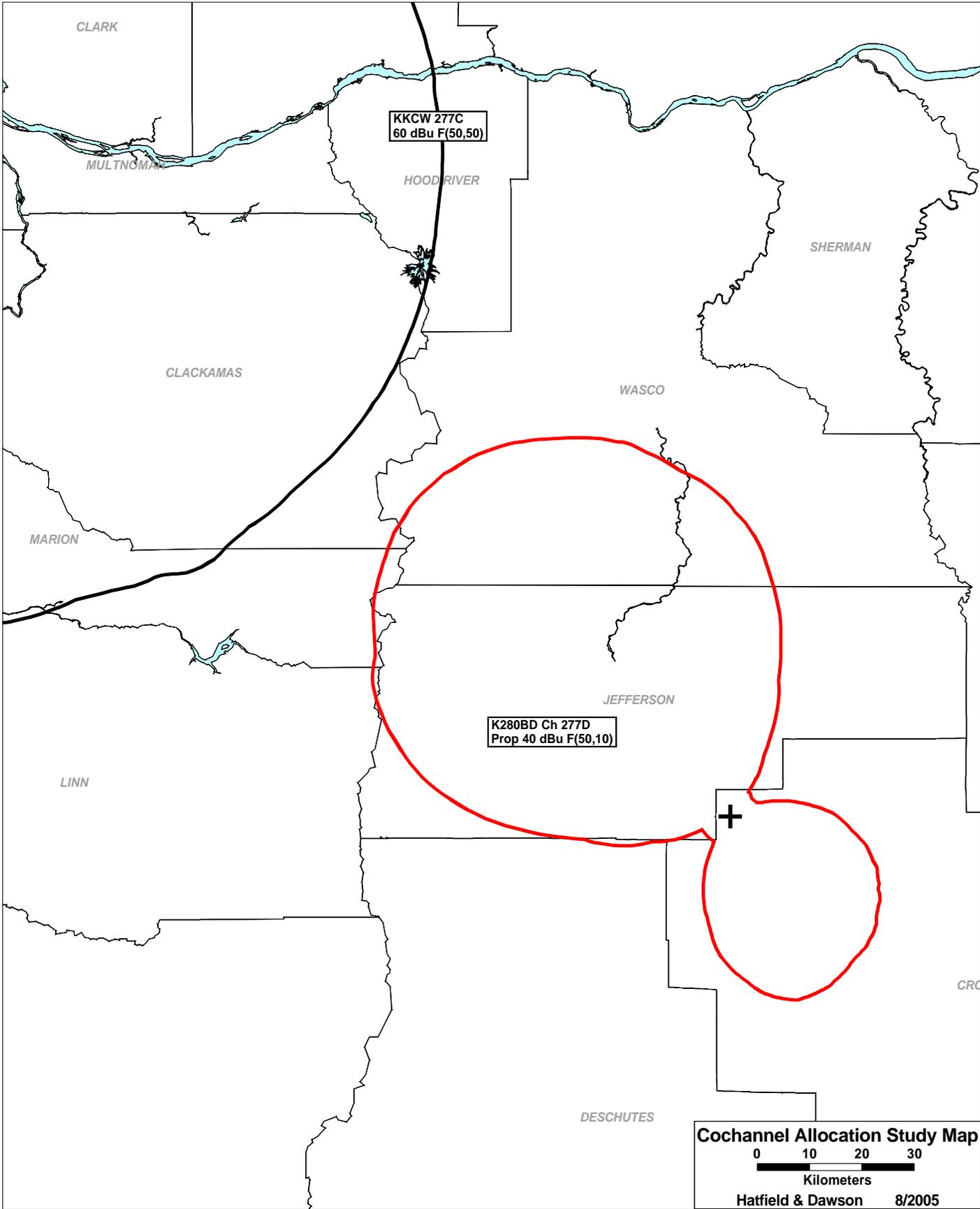
The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation. Specifically, the proposed site is located 12 km from K224AT Redmond, to which the spacing requirement is 10 km.

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SEARCH PARAMETERS FM Database Date: 050819
 Channel: 277A 103.3 MHz Page 1
 Latitude: 44 26 7
 Longitude: 120 57 8
 Safety Zone: 32 km
 Job Title: K280BD MOD TO 277D

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K224AT LIC	REDMOND OR	BLFT-830505MG	224D 92.7	0.023 DA 635.0	44-25-02 121-06-01	260.4	11.96 1.96	10 CLEAR
KSJJ LIC	REDMOND OR	BMLH-040702AFK	275C1 102.9	100.000 270.0	44-02-49 121-31-50	227.1	63.22 -11.78	75 SHORT
KKCW LIC	BEAVERTON OR	BLH-011214AAF	277C 103.3	100.000 470.0	45-31-21 122-44-45	311.2	186.05 -39.95	226 SHORT
KXPCaux CP	LEBANON OR	BXPH-050506AAH	279C 103.7	0.600 529.0	45-00-35 122-20-17	300.7	127.01 0.00	0 AUX
KXPC-FM LIC	LEBANON OR	BLH-041222ABK	279C 103.7	90.000 624.0	44-34-49 122-30-07	278.0 SS	124.28 29.28	95 CLEAR
K280BD LIC	PRINEVILLE OR	BLFT-810508IB	280D 103.9	0.045 DA 785.0	44-26-05 120-57-06	144.5	0.08 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 277 44444



Cochannel Allocation Study Map
0 10 20 30
Kilometers
Hatfield & Dawson 8/2005

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NIER Study
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Facilities Proposed

The proposed operation will be on Channel 277D (103.3 MHz) with a maximum lobe effective radiated power of 100 Watts. Operation is proposed with an antenna to be mounted on an existing tower atop Grizzly Mountain.

The proposed antenna support structure will not exceed 60.96 meters (200 feet) above ground and does not require notification to the Federal Aviation Administration. Therefore, this structure does not require an Antenna Structure Registration Number.

NIER Study

Section 1.1307(b)(1) of the Commission's Rules exempts FM translators and boosters operating with an effective radiated power of 100 Watts or less from the requirement to submit an Environmental Assessment to determine compliance with FCC specified guidelines for human exposure to radiofrequency radiation. The applicant proposes operation with a maximum lobe effective radiated power of 100 Watts and therefore no calculations have been submitted. Nonetheless, public access to the site is restricted and all station personnel and contractors are required to follow appropriate safety procedures, including turning off the transmitter if necessary, prior to commencing work on the antenna tower.