

November 2007
FM Translator K257BP
Grants Pass, Oregon Channel 257D
Allocation Study

The instant application is being filed to make corrections to the coordinates and height of the licensed K257BP facility.

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 map demonstrates compliance with the Commission's Rules for protection of FM broadcast stations and FM translators as outlined in §74.1204.

While the K257BP transmitter site is located within the 60 dBu protected contour of second-adjacent-channel K259AE Wolf Creek, the attached transmitter site map demonstrates that there is no populated area within the 100 dBu interfering contour.

K257BP Grants Pass is cochannel with commonly-owned K257BT Cave Junction. Simultaneously with this application, an application is being filed to make a correction to the coordinate and elevation data for K257BT, and to make a change in the directional antenna of that facility. The proposed K257BP 40 dBu interfering contour does not overlap the proposed K257BT 60 dBu protected contour. Therefore there is not believed to be any bar to consideration of the instant proposal.

The proposed facility will operate with less than 100 Watts ERP, and is therefore exempt from spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

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Channel: 257A 99.3 MHz

Latitude: 42 24 43

Longitude: 123 16 55

Safety Zone: 50 km

Job Title: K257BP GRANTS PASS

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K203CI LIC	CAVE JUNCTION OR	BLFT-971126TJ	203D 88.5	0.010 805.0	42-15-31 123-39-43	241.5	35.65 0.00	0 TRANS
K204CY LIC	MEDFORD OR	BLFT-980204TC	204D 88.7	0.010 718.0	42-17-51 122-44-59	106.0	45.66 0.00	0 TRANS
KJKL LIC	SELMA OR	BLED-061017ACU	204C0 88.7	30.000 584.0	42-15-29 123-39-32	241.2	35.46 10.46	25 CLEAR
K255AK LIC	HAPPY CAMP CA	BLFT-970707TM	255D 98.9	0.047 953.0	41-51-29 123-21-09	185.4	61.80 0.00	0 TRANS
KRVC LIC	HORN BROOK CA	BLH-070103AEX	255C2 98.9	1.250 757.0	42-05-00 122-42-00	127.1 SS	60.32 5.32	55 CLOSE
KRVC CP MOD	HORN BROOK CA	BMPH-061127AAK	255C2 98.9	1.250 757.0	42-05-00 122-42-00	127.1 SS	60.32 5.32	55 CLOSE
K255AJ LIC	MYRTLE CREEK OR	BLFT-970606TM	255D 98.9	0.010 749.0	42-54-06 123-17-07	359.7	54.40 0.00	0 TRANS
KODZ LIC	EUGENE OR	BMLH-070606ABU	256C 99.1	100.000 497.0	44-06-57 122-59-57	6.8	190.68 25.68	165 CLEAR
KSHD-LP LIC	SHADY COVE OR	BLL-070719ADL	256L1 99.1	0.100 -156.0	42-37-25 122-48-29	58.6	45.49 -10.51	56 SHORT
K257CA LIC	MOUNT SHASTA CA	BLFT-031105ACS	257D 99.3	0.052 707.0	41-13-23 122-17-53	148.0	155.31 0.00	0 TRANS
KNNN LIC	SHASTA LAKE CITY CA	BLH-010605AAC	257C2 99.3	1.600 465.0	40-39-15 122-31-12	161.8 SS	205.32 39.32	166 CLEAR
K257BT LIC	CAVE JUNCTION OR	BLFT-830815MH	257D 99.3	0.050 792.0	42-15-31 123-39-43	241.5	35.65 0.00	0 TRANS
K257BT APP	CAVE JUNCTION OR	BPFT-070703ABE	257D 99.3	0.025 784.0	42-15-28 123-39-34	241.2	35.51 0.00	0 TRANS
K257BP LIC	GRANTS PASS OR	BLFT-830815MI	257D 99.3	0.099 132.0	42-24-39 123-16-52	151.0	0.14 0.00	0 TRANS

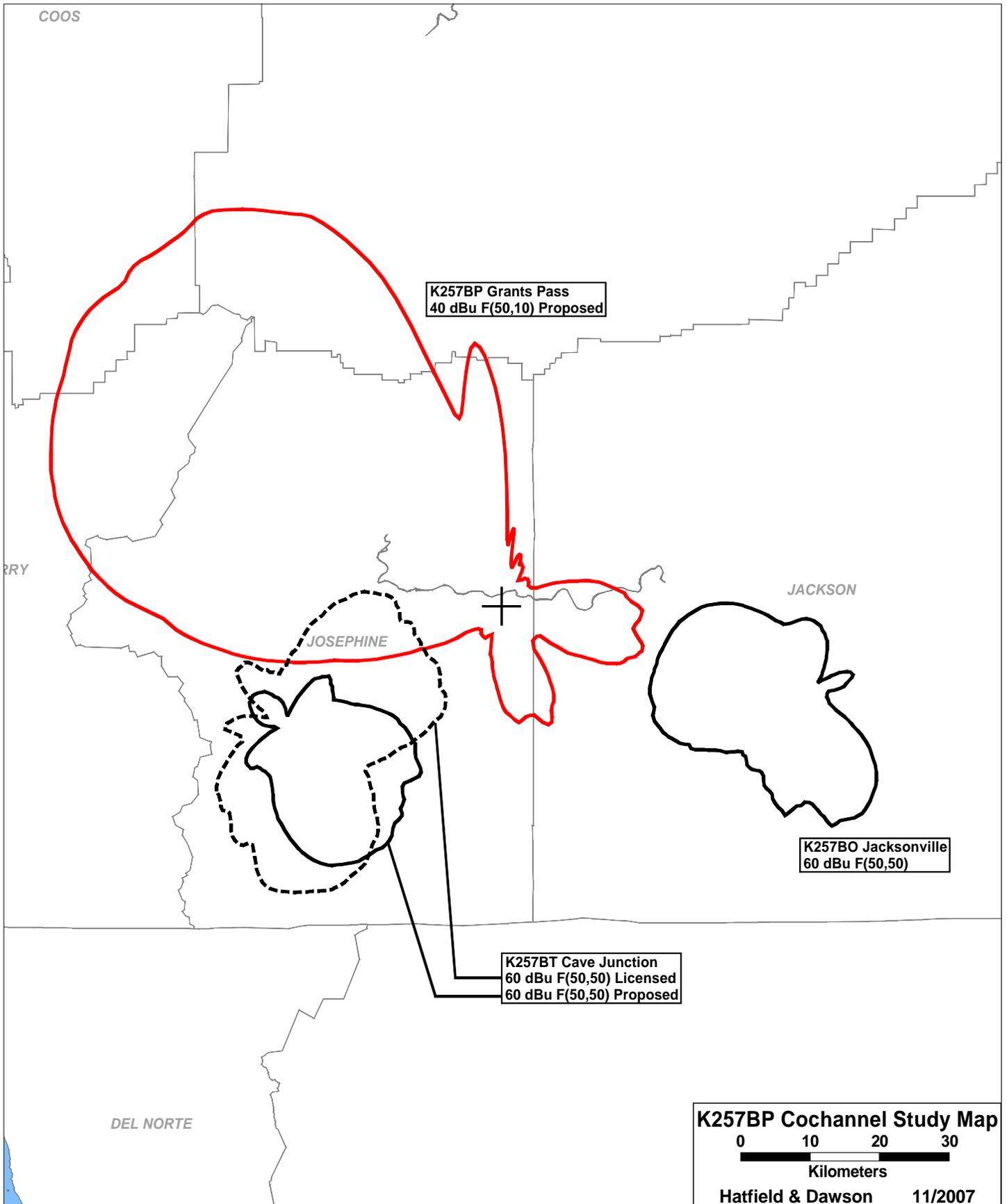
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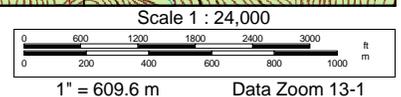
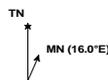
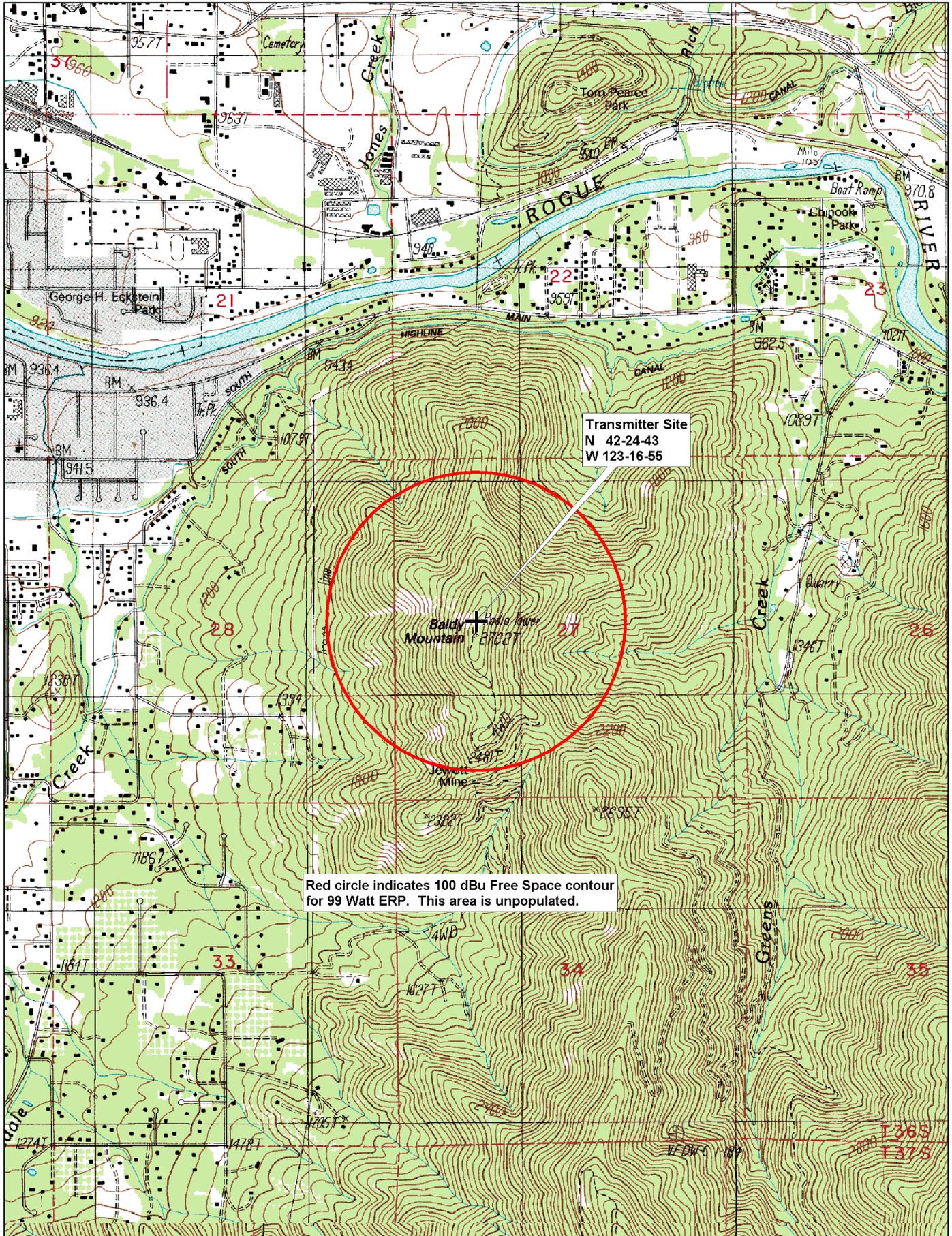
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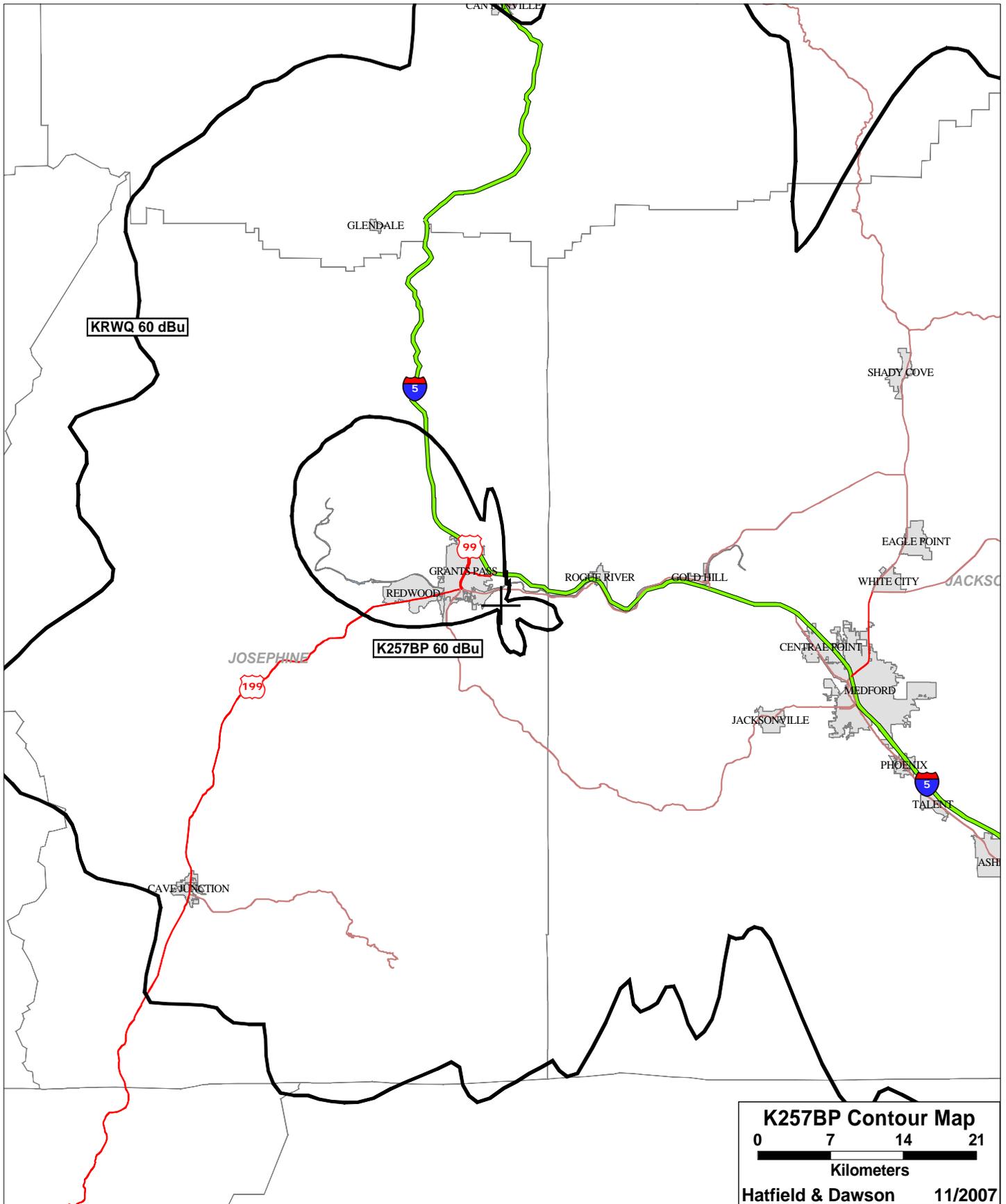
Channel: 257A 99.3 MHz
 Latitude: 42 24 43
 Longitude: 123 16 55
 Safety Zone: 50 km
 Job Title: K257BP GRANTS PASS

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K257BP APP	GRANTS PASS OR	BMPFT-070808ACH	257D 99.3	0.020 538.0	42-24-43 123-16-55	0.0	0.00	0
K257BP CP	GRANTS PASS OR	BPFT-070705AAQ	257D 99.3	0.020 514.0	42-24-43 123-16-55	0.0	0.00	0
K257BO LIC	JACKSONVILLE OR	BLFT-830815MG	257D 99.3	0.050 1306.0	42-17-43 122-45-00	106.4	45.70	0
K257BO CP MOD	JACKSONVILLE OR	BMPFT-070723ACC	257D 99.3	0.050 720.0	42-17-55 122-44-53	105.8	45.75	0
K257EB LIC	RIDDLE/DAYS CREEK OR	BLFT-050210AUA	257D 99.3	0.010 743.0	42-54-06 123-17-07	359.7	54.40	0
KAGO-FM LIC	KLAMATH FALLS OR	BLH-050902ABI	258C1 99.5	60.000 112.0	42-12-56 121-47-51	99.6	124.31	133
K259AE LIC	WOLF CREEK OR	BLFT-060809AJH	259D 99.7	0.195 946.0	42-32-24 123-14-48	11.5	14.52	0
NEW-T APP	AGER CA	BNPFT-030317KEX	260D 99.9	0.010 1045.0	42-03-52 122-28-40	120.0	76.79	0
NEW-T APP	KLAMATH JUNCTION OR	BNPFT-030317MDL	260D 99.9	0.010 1416.0	42-04-55 122-43-07	128.2	59.20	0

44444 END OF FM SPACING STUDY FOR CHANNEL 257 44444







K257BP Contour Map
0 7 14 21
Kilometers
Hatfield & Dawson 11/2007

November 2007
FM Translator K257BP
Grants Pass, Oregon Channel 257D
NIER Study

Facilities Proposed

The proposed operation will be on Channel 257D (99.3 MHz) with an effective radiated power of 99 Watts. Operation is proposed with the existing antenna mounted on a structure atop Baldy Mountain.

The proposed antenna support structure does 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 Calculations

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 99 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.