

**FM Translator K227AA
Ashland, Oregon Channel 227D
Allocation Study
October 2005**

The K227AA licensee recently discovered that the licensed coordinate and height data for this facility are incorrect. The instant application therefore proposes to correct the coordinate and height data, as well as to make a change in the antenna system.

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.

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SEARCH PARAMETERS FM Database Date: 050923 Page 1

Channel: 227A 93.3 MHz

Latitude: 42 17 52

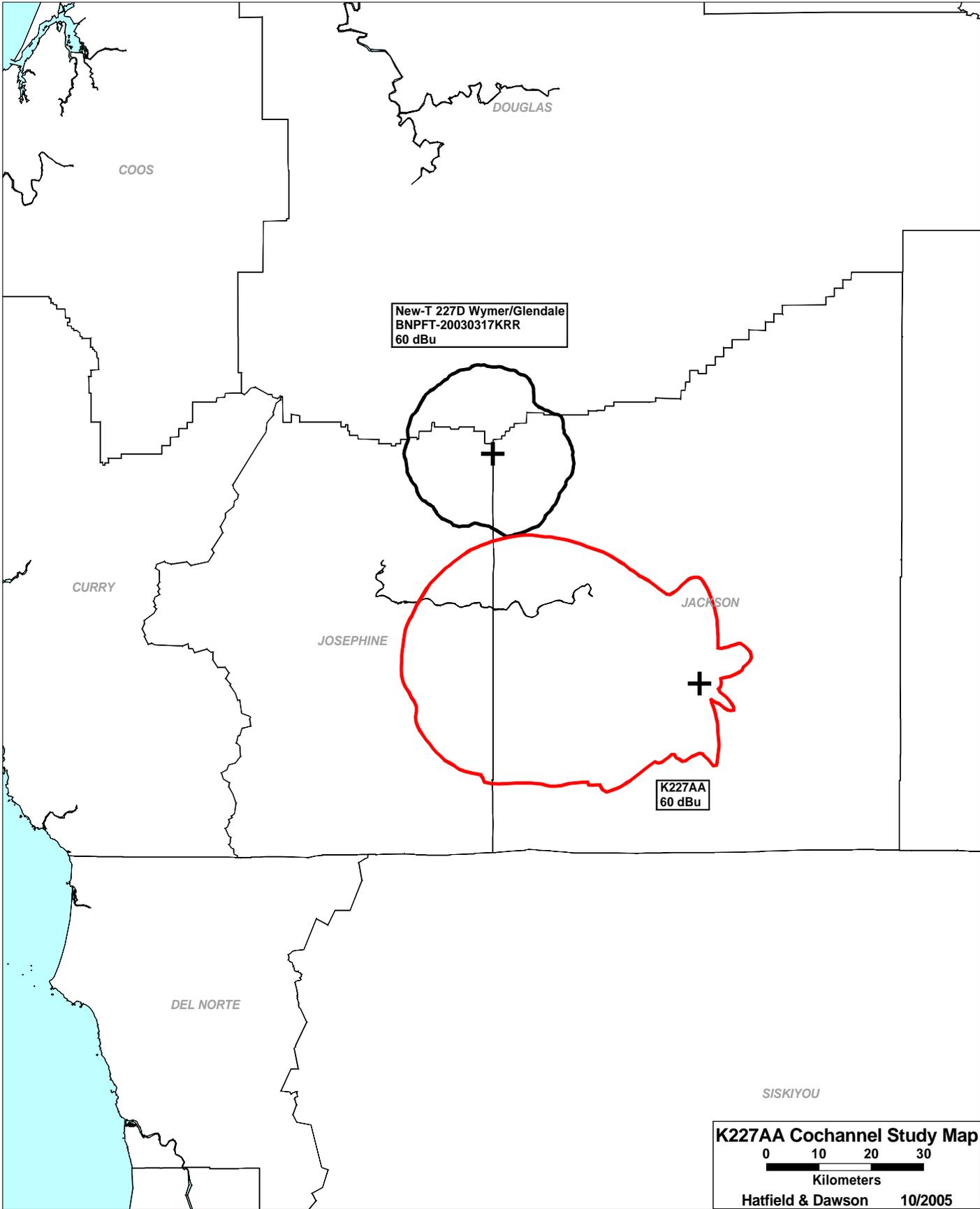
Longitude: 122 45 0

Safety Zone: 32 km

Job Title: K227AA ASHLAND

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
VAC	BUTTE FALLS OR	RM-9849	225A 92.9	0.000 0.0	42-33-33 122-36-13	22.4	31.44 0.44	31 CLOSE
NEW APP	BUTTE FALLS OR	BSFH-050812ASV	225A 92.9	0.000 0.0	42-31-09 122-37-47	21.8	26.51 -4.49	31 SHORT
KEPO LIC	EAGLE POINT OR	BLED-970611KC	225D 92.9	0.014 -124.0	42-28-21 122-47-48	348.9	19.78 0.00	0 CLS=D
K225AC LIC	GRANTS PASS, ETC. OR	BLFT-920727TF	225D 92.9	0.250 415.0	42-28-17 123-18-12	293.2	49.48 0.00	0 TRANS
KKNU LIC	SPRINGFIELD-EUGENE OR	BLH-970925KF	226C 93.1	100.000 396.0	44-00-04 123-06-45	351.3	191.51 26.51	165 CLEAR
DEL	SPRINGFIELD-EUGENE OR	RM-10668	226C 93.1	0.000 0.0	44-00-04 123-06-45	351.3	191.51 26.51	165 CLEAR
K227AA LIC	ASHLAND, ETC. OR	BLFT-930429TE	227D 93.3	0.013 705.0	42-17-43 122-45-00	184.7	0.28 0.00	0 TRANS
NEW-T APP	RIDDLE OR	BNPFT-030317LBS	227D 93.3	0.016 588.0	43-00-14 123-21-27	327.9	92.92 0.00	0 TRANS
ADD	SPRINGFIELD-EUGENE OR	RM-10668	227C0 93.3	0.000 0.0	44-00-04 123-06-45	351.3	191.51 -23.49	215 SHORT
KKNU RSV	SPRINGFIELD-EUGENE OR	-	227C0 93.3	0.000 0.0	44-00-04 123-06-45	351.3	191.51 -23.49	215 SHORT
KKNU CP	SPRINGFIELD-EUGENE OR	BPH-050817ACL	227C0 93.3	100.000 395.0	44-00-04 123-06-45	351.3	191.51 -23.49	215 SHORT
NEW-T APP	WYMER/GLENDALE OR	BNPFT-030317KRR	227D 93.3	0.010 984.0	42-41-27 123-13-43	318.2	58.77 0.00	0 TRANS
KTMT-FM LIC	MEDFORD OR	BLH-890803KC	229C 93.7	31.000 995.0	42-04-55 122-43-07	173.8	24.11 -70.89	95 SHORT
KTMT-FM APP	MEDFORD OR	BPH-050822ANP	229C 93.7	31.000 980.0	42-04-52 122-43-09	174.0	24.20 -70.80	95 SHORT
K281AG LIC	JACKSONVILLE, ETC. OR	BLFT-950724TD	281D 104.1	0.250 700.0	42-21-13 122-47-05	335.3	6.83 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 227 44444



**FM Translator K227AA
Ashland, Oregon Channel 227D
NIER Study
October 2005**

Facilities Proposed

The proposed operation will be on Channel 227D (93.3 MHz) with an effective radiated power of 13 Watts. Operation is proposed with a circularly-polarized Scala HDCA-5CP antenna mounted on an existing structure at Mt. Baldy.

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 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 26 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.