

**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.

Hatfield & Dawson Consulting Engineers

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SEARCH PARAMETERS

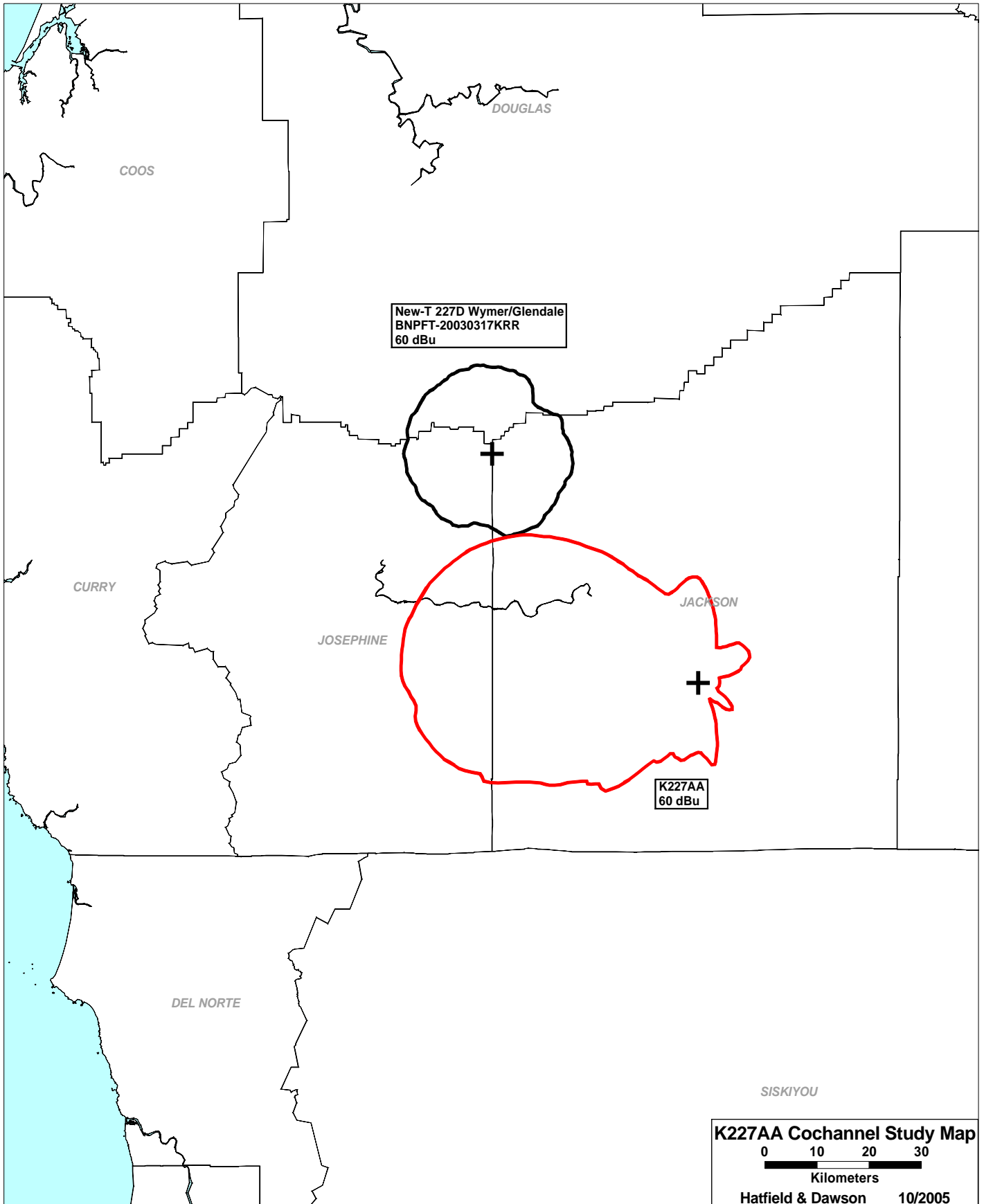
FM Database Date: 050923

Channel: 227A 93.3 MHz
 Latitude: 42 17 52
 Longitude: 122 45 0
 Safety Zone: 32 km
 Job Title: K227AA ASHLAND

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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)
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
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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.