

**November 2008  
FM Translator K272CO  
Roseburg, Oregon Channel 271D  
Allocation Study**

The attached spacing study shows the spacing between the proposed 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.

The proposed facility will operate with an ERP of less than 100 Watts, and therefore there are no spacing requirements to IF-channel stations.

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SEARCH PARAMETERS FM Database Date: 081112

Channel: 271A 102.1 MHz Page 1

Latitude: 43 12 8

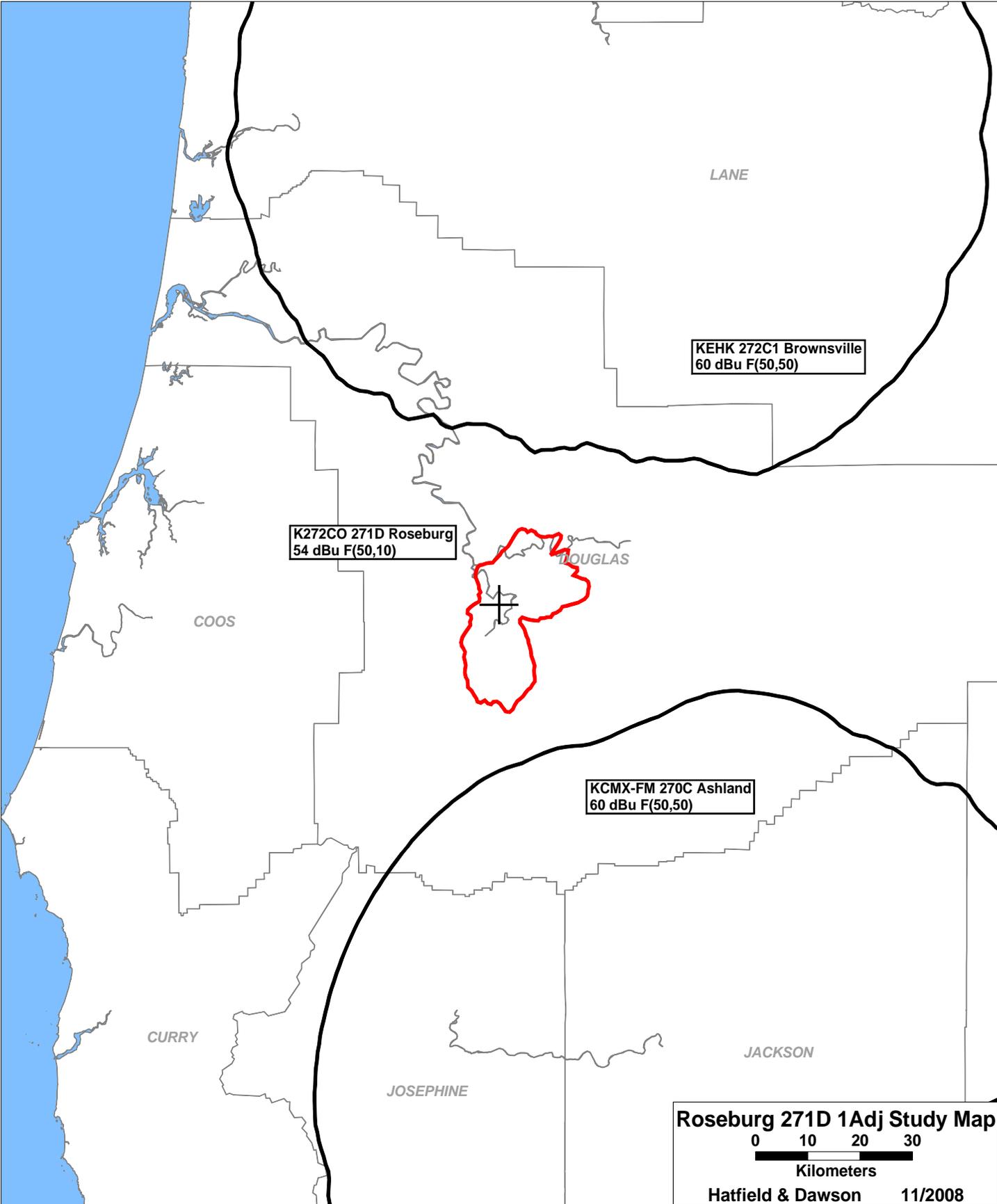
Longitude: 123 22 53

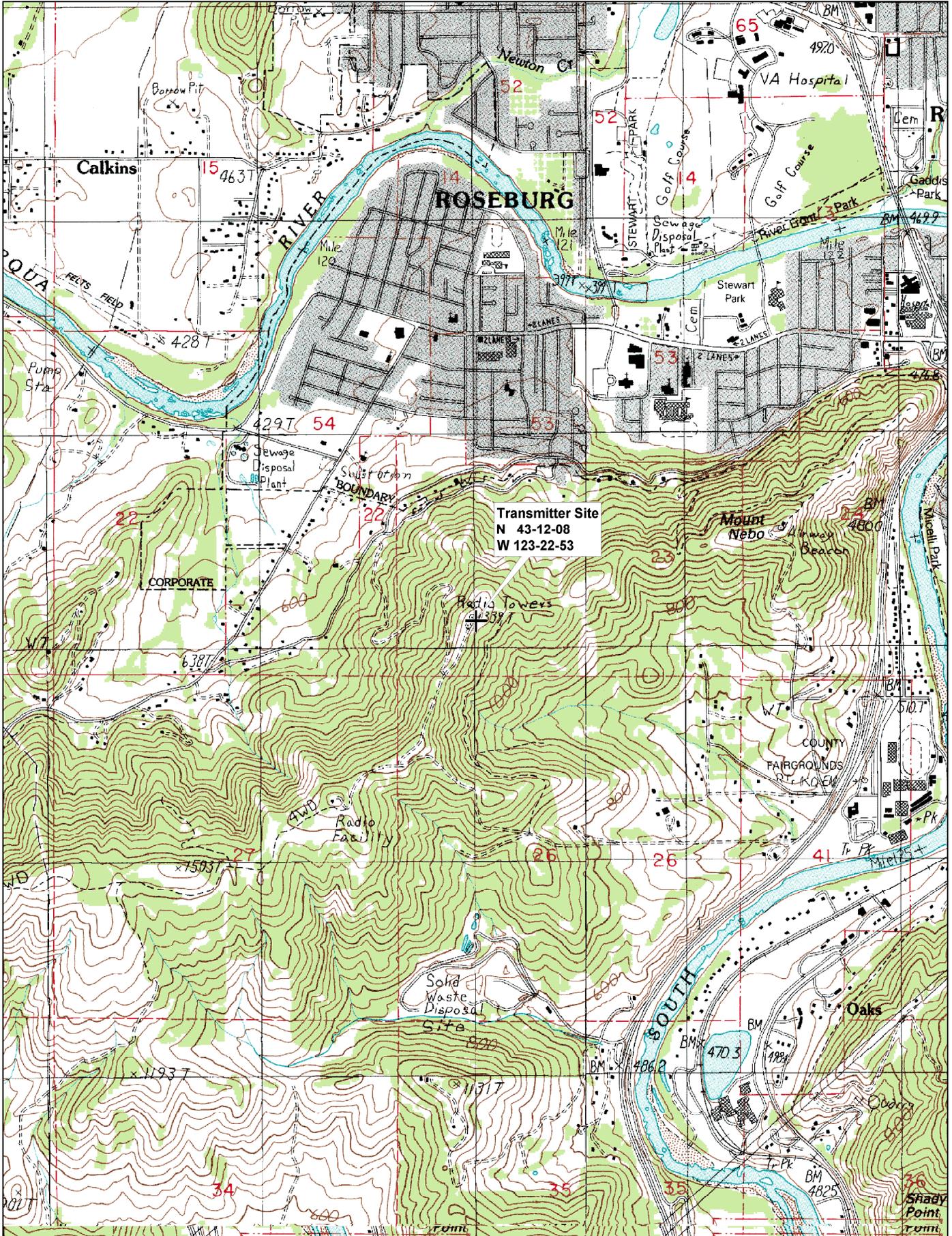
Safety Zone: 50 km

Job Title: ROSEBURG 271D

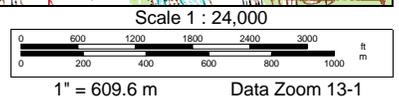
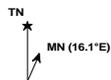
Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW APP	GLENDALE OR	BNPED-071022AOM	217A 91.3	0.038 761.0	42-41-48 123-13-39	167.4	57.55 47.55	10 CLEAR
NEW APP	TILLER OR	BNPED-071022AER	217C3 91.3	0.040 571.0	42-46-20 123-00-40	147.7	56.51 44.51	12 CLEAR
KSRS LIC	ROSEBURG OR	bled-910103KA	218A 91.5	2.000 93.0	43-12-22 123-21-48	73.5	1.53 -8.47	10 SHORT
KFLY LIC	CORVALLIS OR	BLH-021007AAP	268C0 101.5	28.000 707.0	44-17-28 123-32-18	354.1	121.64 35.64	86 CLEAR
K269FO LIC	REEDSPORT OR	BLFT-070712AAQ	269D 101.7	0.092 170.0	43-43-21 124-05-40	315.4	81.68 0.00	0 TRANS
KCMX-FM LIC	ASHLAND OR	BLH-051128AOB	270C 101.9	42.000 448.0	42-17-55 122-44-53	152.6	112.98 -52.02	165 SHORT
K270AT LIC	HARRISBURG OR	BLFT-070508ACD	270D 101.9	0.010 556.0	44-06-58 122-59-50	16.8	106.16 0.00	0 TRANS
K269FO CP	REEDSPORT OR	BPFT-070717AAX	270D 101.9	0.075 196.0	43-43-21 124-05-40	315.4	81.68 0.00	0 TRANS
K271AR LIC	COOS BAY OR	BLFT-050315ABN	271D 102.1	0.010 196.0	43-21-15 124-14-34	283.9	71.93 0.00	0 TRANS
NEW-T APP	ASHLAND OR	BNPFT-030310BDU	272D 102.3	0.010 740.0	42-17-57 122-44-56	152.6	112.89 0.00	0 TRANS
KEHK LIC	BROWNSVILLE OR	BLH-940919KA	272C1 102.3	100.000 280.0	44-00-08 123-06-50	13.5	91.47 -41.53	133 SHORT
NEW-T APP	MERLIN OR	BNPFT-030310BGQ	272D 102.3	0.010 1490.0	42-26-44 123-12-55	170.8	85.15 0.00	0 TRANS
K272CO LIC	ROSEBURG OR	BLFT-880408TA	272D 102.3	0.031 305.0	43-14-06 123-19-20	52.7	6.03 0.00	0 TRANS
NEW-T APP	VOORHIES OR	BNPFT-030317MBU	272D 102.3	0.010 721.0	42-17-57 122-44-56	152.6	112.89 0.00	0 TRANS
KCNA LIC	CAVE JUNCTION OR	BLH-850513KH	274C 102.7	100.000 602.0	42-15-30 123-39-38	192.4	107.32 12.32	95 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 271 44444





Transmitter Site  
 N 43-12-08  
 W 123-22-53



**November 2008**  
**FM Translator K272CO**  
**Roseburg, Oregon Channel 271D**  
**NIER Study**

**Facilities Proposed**

The proposed operation will be on Channel 252D (98.3 MHz) with an effective radiated power of 62 Watts. Operation is proposed with an antenna to be mounted on an existing tower on Mount Nebo.

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 62 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.