

**New FM Translator
Coos Bay, Oregon Channel 239D
Allocation Study
August 2003**

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 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.

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SEARCH PARAMETERS FM Database Date: 030813
 Channel: 239A 95.7 MHz Page 1
 Latitude: 43 21 15
 Longitude: 124 14 34
 Safety Zone: 32 km
 Job Title: COOS BAY 239 TRANS

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW-T APP	ELKTON/DAYS CREEK OR BNPFT-030317HHO	237D 95.3	0.010 521.0	43-24-18 123-28-28	84.5	62.52 0.00	0 TRANS	
NEW-T APP	REEDSPORT OR BNPFT-030310BJW	238D 95.5	0.010 204.0	43-43-23 124-05-41	16.2	42.70 0.00	0 TRANS	
NEW-T APP	REEDSPORT OR BNPFT-030717ACG	238D 95.5	0.010 279.0	43-44-11 124-05-47	15.5	44.08 0.00	0 TRANS	
NEW-T APP	COOS BAY OR BNPFT-030314BKZ	239D 95.7	0.060 DA 201.0	43-21-15 124-14-34	0.0	0.00 0.00	0 TRANS	
NEW-T APP	EUGENE OR BNPFT-030311AUI	239D 95.7	0.080 44.0	44-03-10 123-06-37	49.1	119.83 0.00	0 TRANS	
NEW-T APP	GOSHEN OR BNPFT-030317BVQ	239D 95.7	0.020 320.0	44-00-08 123-06-50	51.2	116.07 0.00	0 TRANS	
KBOY-FM LIC	MEDFORD OR BLH-900810KB	239C1 95.7	60.000 299.0	42-27-11 123-03-21	135.6	139.35 -60.65	200 SHORT	
NEW-T APP	NEWPORT OR BNPFT-030317DZX	239D 95.7	0.100 152.0	44-38-12 124-01-36	6.8	143.55 0.00	0 TRANS	
NEW-T APP	ROSEBURG OR BNPFT-030314BPH	239D 95.7	0.250 26.0	43-17-42 123-21-43	95.0	71.75 0.00	0 TRANS	
K252DL APP	WALTON OR BMJPFT-030310BJZ	239D 95.7	0.010 580.0	44-04-00 123-37-42	31.7	93.38 0.00	0 TRANS	
NEW-T APP	ROSEBURG OR BNPFT-030317IPL	240D 95.9	0.030 274.0	43-12-08 123-22-54	103.3	71.91 0.00	0 TRANS	
KZEL-FM LIC	EUGENE OR BLH-900321KB	241C 96.1	100.000 333.0	44-00-05 123-06-48	51.2	116.05 21.05	95 CLEAR	

44444 END OF FM SPACING STUDY FOR CHANNEL 239 44444

