

**New FM Translator  
Ashland, Oregon Channel 300D  
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 proposed translator transmitter site is located within the 60 dBu contour of second-adjacent station KIFS Channel 298C2 Ashland. The proposed translator site is 7.94 kilometers from the KIFS site at a bearing of 177 degrees. Given the KIFS antenna's 370 meter HAAT along this radial, KIFS places 92.3 dBu at the translator site. Therefore, the appropriate interfering contour from the translator is  $92.3 + 40 = 132.3$  dBu. The attached map of the proposed transmitter site depicts the 132.3 dBu contour from the proposed facility. There is no population within this contour, which extends a maximum of 27 meters from the tower. Therefore, the proposed facility is believed to satisfy the requirements of §74.1204(d) with respect to KIFS.

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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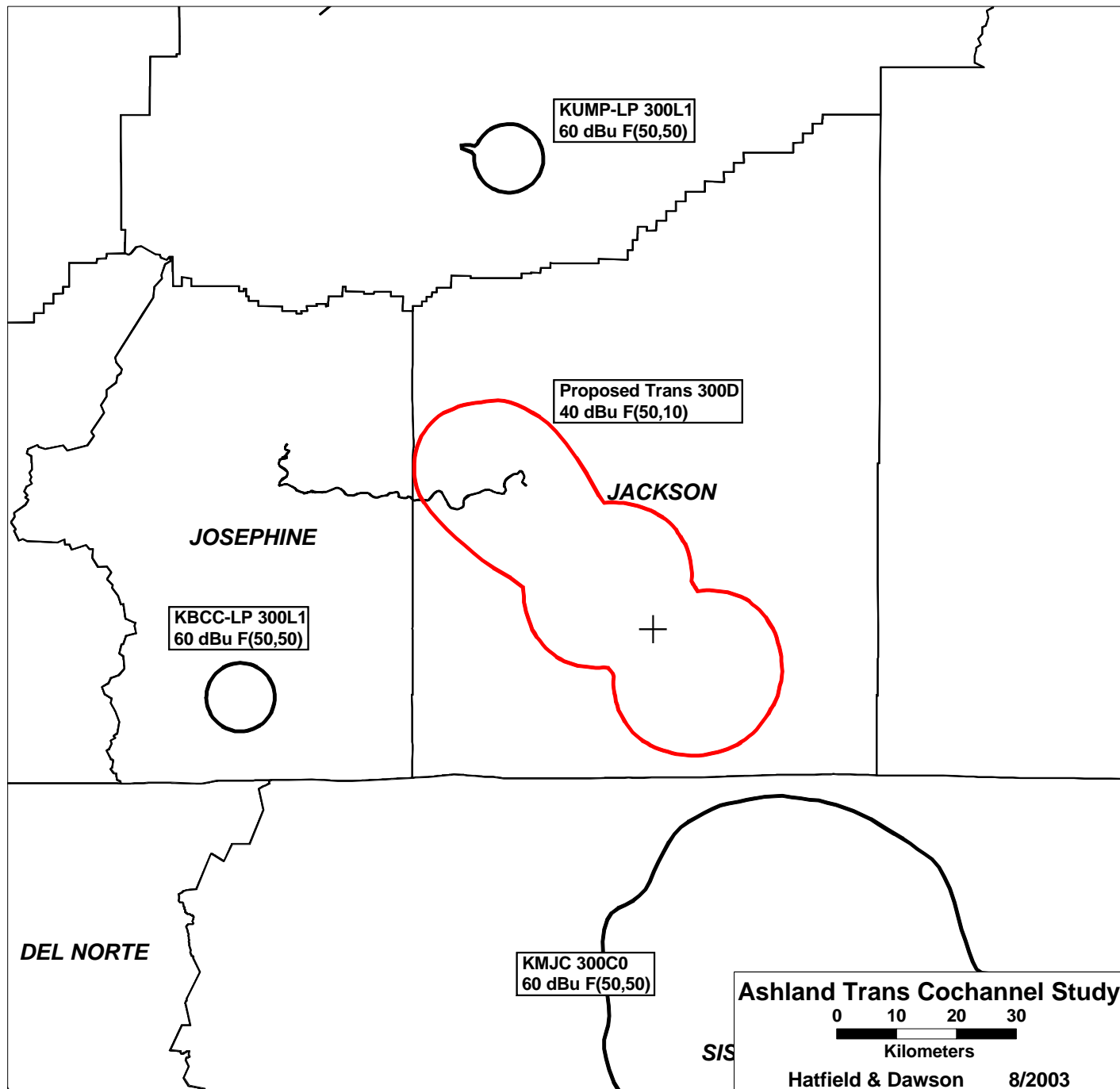
SEARCH PARAMETERS FM Database Date: 030724

Channel: 300A 107.9 MHz  
 Latitude: 42 13 37  
 Longitude: 122 44 33  
 Safety Zone: 32 km  
 Job Title: ASHLAND 300 TRANS

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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)
NEW-T APP	ASHLAND OR	BNPFT-030310BDX	247D 97.3	0.010 740.0	DA 42-17-57 122-44-56	356.3	8.04 0.00	0 TRANS
NEW-T APP	ASHLAND OR	BNPFT-030716AAT	247D 97.3	0.010 740.0	DA 42-17-57 122-44-56	356.3	8.04 0.00	0 TRANS
KIFS LIC	ASHLAND OR	BLH-970108KA	298C2 107.5	5.300 433.0	42-17-54 122-44-53	356.7 SS	7.94 -47.06	55 SHORT
KIFS APP	ASHLAND OR	BPH-021024ABD	298C2 107.5	5.800 419.0	42-17-54 122-44-53	356.7 SS	7.94 -47.06	55 SHORT
NEW APP	ALTAMONT OR	BNPL-010615ADG	299L1 107.7	0.000 0.0	42-13-39 121-46-47	89.6	79.48 23.48	56 CLEAR
NEW APP	KLAMATH FALLS OR	BNPL-010615ARJ	299L1 107.7	0.000 0.0	42-15-44 121-45-38	86.9	81.14 25.14	56 CLEAR
KMJC-FM LIC	MT. SHASTA CA	BMLD-021106AAH	300A 107.9	3.500 -395.0	41-19-09 122-18-35	160.3	107.05 -7.95	115 SHORT
KMJC-FM CP	MT. SHASTA CA	BPH-010611ACS	300C0 107.9	100.000 334.0	41-13-26 122-18-05	161.7	117.30 -97.70	215 SHORT
NEW-T APP	ASHLAND OR	BNPFT-030310AKO	300D 107.9	0.250 138.0	DA 42-13-37 122-44-33	0.0	0.00 0.00	0 TRANS
KBCC-LP LIC	CAVE JUNCTION OR	BLL-030331ALA	300L1 107.9	0.100 -167.0	42-07-29 123-34-38	260.9	69.90 2.90	67 CLOSE
KUMP-LP CP	DAYS CREEK OR	BNPL-010615ART	300L1 107.9	0.100 -131.0	42-55-53 123-02-02	343.2	81.83 14.83	67 CLEAR
NEW APP	GRANTS PASS OR	BNPL-010614AGD	300L1 107.9	0.100 -33.3	42-24-49 123-23-38	291.4	57.56 -9.44	67 SHORT
NEW APP	GRANTS PASS OR	BNPL-010614AGR	300L1 107.9	0.000 0.0	42-26-17 123-21-27	295.1	55.85 -11.15	67 SHORT
NEW APP	GRANTS PASS OR	BNPL-010615AZN	300L1 107.9	0.000 0.0	42-27-25 123-21-12	297.2	56.45 -10.55	67 SHORT
NEW APP	GRANTS PASS OR	BNPL-010615BDF	300L1 107.9	0.000 0.0	42-27-04 123-21-21	296.5	56.35 -10.65	67 SHORT
NEW APP	GRANTS PASS OR	BNPL-010611ACG	300L1 107.9	0.100 -109.0	42-25-22 123-23-57	292.2	58.34 -8.66	67 SHORT

44444 END OF FM SPACING STUDY FOR CHANNEL 300 44444





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Zoom Level: 13-1 Datum: NAD27

**Scale 1 : 24,000**  
**1" = 610 m**

