

April 2008
FM Translator K300BE
Ashland, OR Channel 300D
Allocation Study

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 map demonstrates 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 protected contour of second-adjacent channel station KIFS 298C2 Ashland, OR. The proposed site is 7.78 km from the KIFS transmitter site at a bearing of 179 degrees. Given the KIFD antenna's 333 meter HAAT along this radial, KIFS places a 92 dBu contour at the translator transmitter site. The corresponding interfering contour from the translator is $92 + 40 = 132$ dBu. The distance to the 132 dBu contour is 0.028 kilometers and does not reach the ground. The attached map of the proposed transmitter site depicts the 132 dBu contour from the proposed facility. There is no population within this contour. Therefore, the proposed facility is believed to satisfy the requirements of §74.1204(d) with respect to KIFS.

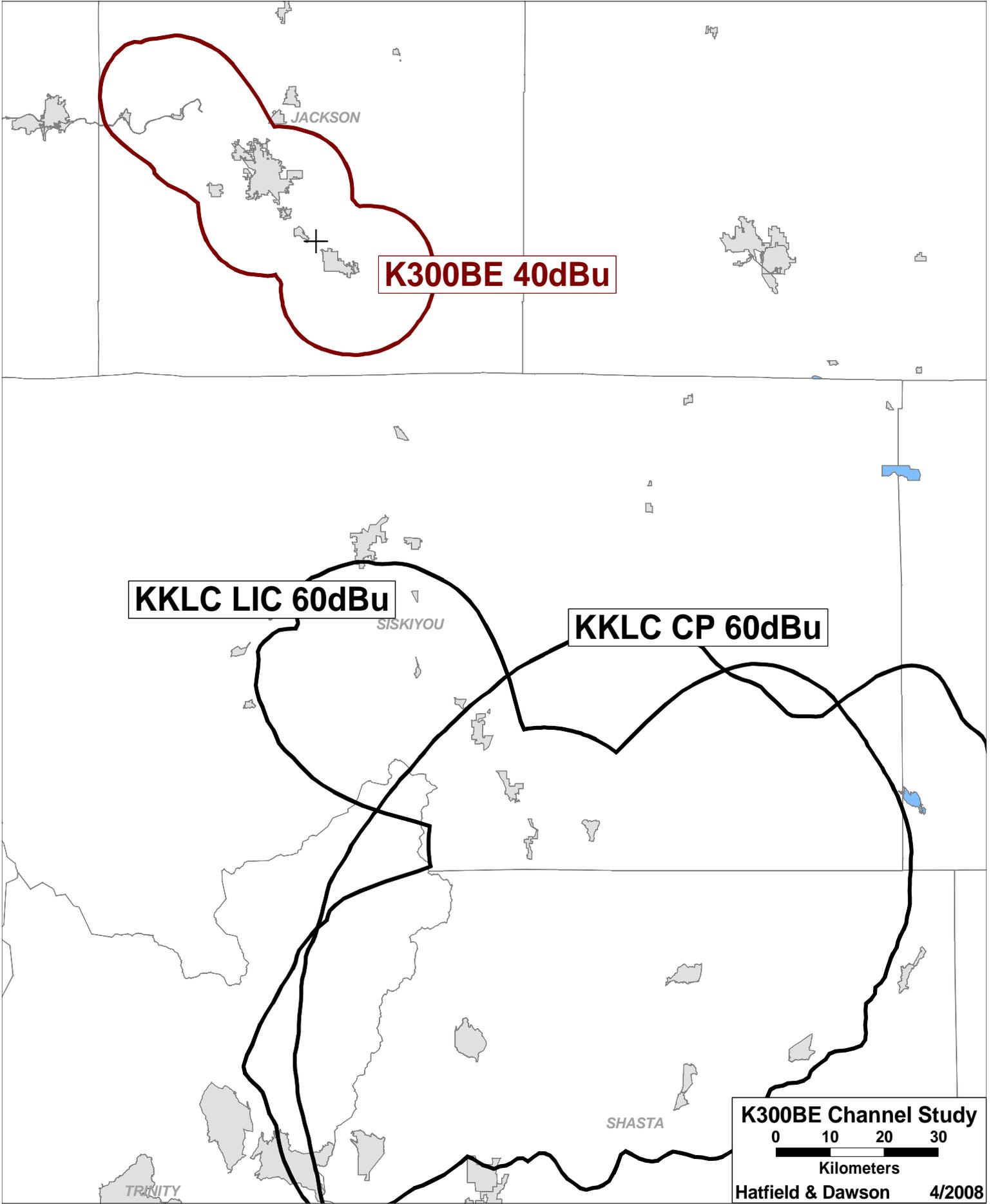
The attached spacing study demonstrates compliance with §73.207 of the Commission's Rules regarding spacing restrictions to stations which are 53 or 54 channels removed from the proposed operation.

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SEARCH PARAMETERS FM Database Date: 080421
 Channel: 300A 107.9 MHz Page 1
 Latitude: 42 13 42
 Longitude: 122 44 43
 Safety Zone: 32 km
 Job Title: ASHLAND 300 TRANS

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K247AQ LIC	ASHLAND OR	BLFT-061113ADG	247D 97.3	0.010 1165.0	42-04-59 122-42-04	167.3	16.54 0.00	0 TRANS
KIFS LIC	ASHLAND OR	BMLH-051021AGS	298C2 107.5	5.800 419.0	42-17-54 122-44-53	358.3 SS	7.78 -47.22	55 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 49 KM								
KKLC CP	FALL RIVER MILLS CA	BPH-070119AHG	300C1 107.9	13.000 633.0	40-54-23 121-49-39	152.2 SS	165.58 -34.42	200 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 178 KM								
KKLC LIC	MT. SHASTA CA	BLED-051123ACE	300C1 107.9	20.000 248.6	41-13-37 122-14-23	159.2	118.91 -81.09	200 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 178 KM								
K300BE LIC	ASHLAND OR	BLFT-050603AAJ	300D 107.9	0.250 DA 138.0	42-13-37 122-44-33	124.0	0.28 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	260.7	69.70 2.70	67 CLOSE
KUMP-LP LIC	DAYS CREEK OR	BLL-040323AUJ	300L1 107.9	0.100 -131.0	42-55-53 123-02-02	343.3	81.61 14.61	67 CLEAR
ADD	EUGENE OR	RM-11279	300C 107.9	0.000 0.0	44-00-08 123-06-50	351.5	199.34 -26.66	226 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 203 KM								
NEW CP	GRANTS PASS OR	BNPL-010615BDF	300L1 107.9	0.100 -28.3	42-27-04 123-21-21	296.5	56.07 -10.93	67 SHORT

iiii END OF FM SPACING STUDY FOR CHANNEL 300 iiii



K300BE 40dBu

KKLC LIC 60dBu

KKLC CP 60dBu

K300BE Channel Study

0 10 20 30

Kilometers

Hatfield & Dawson 4/2008

