

**January 2015
KFMI(FM) Channel 242C
Eureka, California
Allocation Study**

The instant application proposes to correct the coordinates and elevation data for the licensed KFMI operation at Eureka, California, in order to match the recently corrected Antenna Structure Registration No. 1012280. The correction amounts to +1 seconds of latitude, +3 seconds of longitude, and +3 meters of site elevation, the latter necessitating the filing of a Form 301 application.

Since the instant application is being filed in order to correct the station's coordinates and height to match the ASR, it is our understanding (based on conversation with Audio Division staff) that it is not necessary to accept reclassification of KFMI as a Class C0 facility despite the fact that the station operates with an ERP/HAAT combination which results in a 60 dBu contour distance of less than 84 kilometers. Therefore this application specifies operation as a Class C facility.

The attached spacing study shows that the corrected site coordinates meet the co-channel and adjacent channel spacing requirements for Class C stations as prescribed in §73.207 of the Commission's Rules.

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SEARCH PARAMETERS

FM Database Date: 150127

Channel: 242C 96.3 MHz
 Latitude: 40 43 37
 Longitude: 123 58 21
 Safety Zone: 32 km
 Job Title: KFMI 242C EUREKA

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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)
K240DX LIC	EUREKA CA	BLFT-90212ADM	240D 95.9	0.200 541.0	DA 40-49-32 124-00-05	347.5	11.22 0.00	0 TRANS
K240DX CP	EUREKA CA	BPFT-40730ACH	240D 95.9	0.200 0.0	DA 40-49-32 124-00-05	347.5	11.22 0.00	0 TRANS
K241AH LIC	LAYTONVILLE CA	BLFT-980107TC	241D 96.1	0.010 940.0	39-41-38 123-34-43	163.6	119.51 0.00	0 TRANS
KKXS LIC	SHINGLETOWN CA	BLH-50818ABS	241C3 96.1	1.900 358.0	40-29-18 121-53-58	97.9 SS	177.44 1.44	176 CLOSE
K241AG LIC	GRANTS PASS OR	BLFT-960209TI	241D 96.1	0.100 560.0	42-24-39 123-16-52	16.8	195.71 0.00	0 TRANS
KFMI LIC	EUREKA CA	BLH-5918	242C 96.3	30.000 482.0	40-43-36 123-58-18	113.7	0.08 -289.92	290 SHORT
K242AD LIC	UKIAH CA	BLFT-40304ACB	242D 96.3	0.250 0.0	DA 39-07-00 123-13-53	160.3	189.69 0.00	0 TRANS
K243BS LIC	FORT BRAGG CA	BLFT-40819ABT	243D 96.5	0.250 213.0	39-26-35 123-43-58	171.8	144.01 0.00	0 TRANS
KIHP-LP LIC	SHASTA LAKE CA	BLL-21004AAW	243L1 96.5	0.100 -93.0	40-40-39 122-22-14	91.8	135.50 0.00	0 LPFM
KFLS-FM LIC	TULELAKE CA	BLH-951103KF	243C 96.5	20.000 657.0	42-05-50 121-37-59	51.2	247.83 6.83	241 CLOSE
NEW CP	ARCATA CA	BNPL-31115ABK	244L1 96.7	0.050 -1.5	40-55-44 124-05-56	334.7	24.83 0.00	0 LPFM
KYBU LIC	COVELO CA	BLH-11025ABK	245A 96.9	0.100 -225.0	39-47-39 123-14-56	149.1	120.49 25.49	95 CLEAR

===== END OF FM SPACING STUDY FOR CHANNEL 242 =====