

**March 2015
KKIQ(FM) Channel 269A
Livermore, California
Allocation Study**

Background

The instant application is being filed in order to make a correction to the coordinates and site elevation of the licensed KKIQ facility. Owing to a resultant increase in antenna HAAT, the station ERP is being adjusted downward to ensure compliance with the ERP/HAAT limitations for Class A stations as defined in §73.211 of the Commission's Rules.

Spacing Study

The attached spacing study shows that the proposed operation meets the co-channel and adjacent channel spacing requirements for Class A stations as prescribed in §73.207 of the Commission's Rules, with one exception as discussed below.

The spacing study lists a short-spacing to the licensed operation of KHTH on Channel 269B1 at Santa Rosa. This short-spacing was created by KHTH in its construction permit BMPH-19911203ID (subsequently licensed as BLH-19920818KG). In that application KHTH requested §73.215 processing with respect to the KKIQ licensed facility.

Correction of the KKIQ transmitter site coordinates will not increase the short-spacing which was created by KHTH. Specifically, when rounded to the nearest kilometer the distance between the licensed transmitter site coordinates of the two stations is 134 kilometers. Likewise, the corrected distance between the two transmitter sites is also 134 kilometers.¹ Therefore, it is not necessary for KKIQ to request processing pursuant to §73.215 with respect to the KHTH license.

¹ §73.208(c)(8) of the Commission's Rules provides that distances between transmitter sites shall be rounded to the nearest kilometer. See also *Lauren Colby, Esq., and Gregory Masters, Esq.*, Letter re Owens One Company, Inc. Application for Modification to FM Broadcast Station/Auxiliary Licenses for KUZZ-FM, Bakersfield, California, DA 12-122, Released February 2, 2012.

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SEARCH PARAMETERS FM Database Date: 150309

Channel: 269A 101.7 MHz
 Latitude: 37 35 42
 Longitude: 121 39 43
 Safety Zone: 32 km
 Job Title: KKIQ 269A COORDINATE CORRECTION

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K216FV LIC	CONCORD CA	BLFT-41012ABM	216D 91.1	0.010 0.0	DA 37-52-54 121-55-05	324.8	39.01 0.00	0 TRANS
KIOI-FM2 LIC	PLEASANTON CA	BLFTB-990225UB	267D 101.3	0.900 0.0	DA 37-39-34 121-55-54	286.9	24.86 0.00	0 BOOST
KIOIaux LIC	SAN FRANCISCO CA	BLH-790820AB	267B 101.3	61.000 360.0	37-41-24 122-26-13	279.0	69.21 0.00	0 AUX
KIOI LIC	SAN FRANCISCO CA	BLH-6225	267B 101.3	125.000 354.0	DA 37-41-24 122-26-13	279.0	69.21 0.21	69 CLOSE
KIOIaux CP	SAN FRANCISCO CA	BXPB-40808AAH	267B 101.3	9.000 394.0	37-41-17 122-26-07	278.9	69.03 0.00	0 AUX
KIOI-FM1 LIC	WALNUT CREEK CA	BLFTB-990225UC	267D 101.3	0.150 300.0	DA 37-55-57 122-07-20	313.0	55.21 0.00	0 BOOST
KSTG-LP LIC	LODI CA	BLL-90701AAB	268L1 101.5	0.100 28.1	38-07-08 121-15-39	31.0	68.02 0.00	0 LPFM
KAMB LIC	MERCED CA	BLED-971112KJ	268B 101.5	1.850 638.0	37-32-01 120-01-46	92.2	144.40 31.40	113 CLEAR
KCDU LIC	CARMEL CA	BLH-941228KG	269A 101.7	2.350 161.0	36-33-09 121-47-17	185.6	116.24 1.24	115 CLOSE
KKIQ-FM1 LIC	HAYWARD CA	BLFTB-30625AAO	269D 101.7	0.600 0.0	DA 37-40-43 122-04-58	284.2	38.29 0.00	0 BOOST
KKIQ LIC	LIVERMORE CA	BMLH-900130KA	269A 101.7	4.500 116.0	37-35-42 121-39-42	38.4	0.04 -114.96	115 SHORT
KHTH-FM1 LIC	PETALUMA CA	BLFTB-930712TD	269D 101.7	0.045 400.0	DA 38-19-56 122-35-42	315.3	115.84 0.00	0 BOOST
KHTH LIC	SANTA ROSA CA	BLH-920818KG	269B1 101.7	2.200 332.0	DA 38-30-31 122-39-41	319.6 SS	134.08 -8.92	143 SHORT
NOTE: SEE TEXT FOR DISCUSSION								
K269FB LIC	SAUSALITO CA	BLFT-20410AEF	269D 101.7	0.025 351.0	DA 37-51-04 122-29-50	291.4	78.94 0.00	0 TRANS

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K269FB CP	SAUSALITO CA	BPFT-31217DGV	269D 101.7	0.250 DA 147.0	37-47-54 122-24-59	289.0	70.26 0.00	0 TRANS
KKIQ-FM2TRACY LIC	CA	BLFTB-930614TA	269D 101.7	1.200 DA 85.0	37-46-52 121-21-37	52.0	33.69 0.00	0 BOOST
K270BE LIC	MODESTO CA	BLFT-61206ADN	270D 101.9	0.055 63.0	37-38-03 120-59-50	85.5	58.85 0.00	0 TRANS
KYTH-LP CP MOD	SANTA CRUZ CA	BMPL-50223ACA	270L1 101.9	0.003 167.4	37-00-28 122-04-23	209.2	74.67 0.00	0 LPFM
KRBQ LIC	SAN FRANCISCO CA	BMLH-20530ALA	271B 102.1	33.000 319.0	37-51-03 122-29-51	291.4	78.95 9.95	69 CLOSE
KRBQaux LIC	SAN FRANCISCO CA	BXLH-900604KB	271B 102.1	16.000 294.0	37-50-57 122-29-56	291.3	79.00 0.00	0 AUX
KRBQ-FM2SAN LIC	SAN FRANCISCO CA	BLFTB-60209AAG	271D 102.1	1.000 DA 0.0	37-52-54 121-55-05	324.8	39.01 0.00	0 BOOST
K271BX CP	STOCKTON CA	BNPFT-30321AAB	271D 102.1	0.025 56.0	37-57-24 121-17-15	39.2	51.96 0.00	0 TRANS

===== END OF FM SPACING STUDY FOR CHANNEL 269 =====