

Exhibit B-16
KHPO-FM Channel 292A Merced, California
Allocation 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 the exception of a 12 kilometer short-spacing to KFYE Channel 292B1 Kingsburg. The licensed KHPO and KFYE facilities are also short-spaced, with KHPO operating via an omnidirectional antenna and KFYE operating via a directional antenna. KHPO and KFYE are filing simultaneous applications to reverse this situation. By the instant application, KHPO proposes operation with a directional antenna. A separate application for KFYE proposes operation with an omnidirectional antenna.

Processing pursuant to §73.215 of the Commission's Rules is requested with respect to the proposed KFYE omnidirectional facility, and the attached allocation study map is included to demonstrate the lack of prohibited contour overlap with KFYE.

It should be noted that the proposed KHPO facility also provides full contour protection to the licensed KFYE facility. Therefore, a construction permit can be issued for KHPO without any special operating condition relating to the initiation of service by KFYE with its new omnidirectional facility.

SEARCH PARAMETERS

FM Database Date: 040330

Channel: 292A 106.3 MHz
 Latitude: 37 25 35
 Longitude: 120 26 25
 Safety Zone: 50 km
 Job Title: KHPO 292A MERCED

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KEMR LIC	SANTA CLARA CA	BMLH-930914KG	289B 105.7	50.000 152.0	37-21-32 121-45-22	266.7	116.76 47.76	69 CLEAR
KRNC LIC	FRESNO CA	BLH-791203AF	290B 105.9	2.400 597.0	37-04-23 119-25-51	113.4	97.77 28.77	69 CLEAR
KCFA LIC	ARNOLD CA	BMLH-020516AAB	291B1 106.1	3.800 256.0	38-22-42 120-11-36	11.5	107.87 11.87	96 CLEAR
KCFA CP MOD	ARNOLD CA	BMPH-020925AAK	291B1 106.1	3.800 257.0	38-22-40 120-11-33	11.5	107.82 11.82	96 CLEAR
KQRP-LP CP	SALIDA CA	BNPL-000601ACZ	291L1 106.1	0.100 19.7	37-42-35 121-05-41	298.8	65.82 9.82	56 CLOSE
KFYE LIC	KINGSBURG CA	BLD-990305KA	292B1 106.3	16.000 128.0	36-26-50 119-37-10	145.9 SS	130.98 -12.02	143 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 119 KM								
KFYE APP	KINGSBURG CA		292B1 106.3	16.000 128.0	36-26-50 119-37-10	145.9 SS	130.98 -12.02	143 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 119 KM								
KHPO LIC	MERCED CA	BLH-990716KD	292A 106.3	2.950 145.0	37-25-35 120-26-25	0.0	0.00 -115.00	115 SHORT
NEW-T APP	MODESTO CA	BNPFT-030317ART	292D 106.3	0.170 43.0	37-40-50 120-55-26	303.7	51.20 0.00	0 TRANS
NEW-T APP	MODESTO CA	BNPFT-030818AEZ	292D 106.3	0.170 43.0	37-40-50 120-55-26	303.7	51.20 0.00	0 TRANS
KMJV LIC	SOLEDAD CA	BLH-971222KF	292A 106.3	4.700 113.0	36-16-27 121-16-15	210.2	147.77 32.77	115 CLEAR
NEW-T APP	WEST FRESNO CA	BNPFT-030313ATH	292D 106.3	0.250 61.0	36-50-09 119-55-04	144.6	80.32 0.00	0 TRANS
KMMT LIC	MAMMOTH LAKES CA	BLH-940712KX	293B1 106.5	0.360 723.0	37-37-42 119-01-47	79.3	126.68 30.68	96 CLEAR
NEW-T APP	NORTH FRESNO CA	BNPFT-030317EDD	293D 106.5	0.250 54.0	36-50-31 119-48-11	138.8	86.10 0.00	0 TRANS
KWOD LIC	SACRAMENTO CA	BLH-830216AD	293B 106.5	50.000 125.0	38-38-30 121-05-25	337.4	146.46 33.46	113 CLEAR

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Channel: 292A 106.3 MHz Page 2

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Job Title: KHPO 292A MERCED

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KEZR	SAN JOSE		293B	42.000	37-12-32	258.8	120.68	113
LIC	CA	BLH-020129AAD	106.5	164.0	121-46-27		7.68	CLOSE
NEW-T	WEST FRESNO		293D	0.250	36-50-09	144.6	80.32	0
APP	CA	BNPFT-030313ASH	106.5	61.0	119-55-04		0.00	TRANS
NEW-T	MARIPOSA		294D	0.010	37-32-01	71.7	38.24	0
APP	CA	BNPFT-030825ANP	106.7	877.0	120-01-46		0.00	TRANS
NEW-T	MARIPOSA		294D	0.010	37-32-01	71.7	38.24	0
APP	CA	BNPFT-030825ANP	106.7	888.0	120-01-46		0.00	TRANS
NEW-T	MARIPOSA, ETC.		294D	0.010	37-32-01	71.7	38.24	0
APP	CA	BPFT-970825TH	106.7	886.0	120-01-46		0.00	TRANS
ADD	WATERFORD		294A	0.000	37-40-21	327.2	32.55	31
	CA	RM-rfs63	106.7	0.0	120-38-26		1.55	CLOSE
NEW-T	WEST FRESNO		294D	0.250	36-50-09	144.6	80.32	0
APP	CA	BNPFT-030313ARW	106.7	61.0	119-55-04		0.00	TRANS
KQLB	LOS BANOS		295A	6.000	36-55-35	212.9	66.11	31
LIC	CA	BLH-921207KI	106.9	100.0	120-50-42		35.11	CLEAR
NEW	MODESTO		295L1	0.020	37-38-12	295.4	54.86	29
APP	CA	BNPL-000605AAB	106.9	66.3	121-00-07		25.86	CLEAR
NEW	MODESTO		295L1	0.100	37-40-13	299.9	54.82	29
APP	CA	BNPL-000605AAN	106.9	18.1	120-58-47		25.82	CLEAR
NEW	MODESTO		295L1	0.030	37-38-30	296.1	54.74	29
APP	CA	BNPL-000605AIA	106.9	55.1	120-59-51		25.74	CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 292 44444

