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Federal Communications Commission
Media Bureau, Video Division
445 12th St. S.W.
Washington, D.C. 20554

In evaluating the proposed facility change for K16GE, an evaluation of possible interference according to FCC rules was conducted.

PROPOSED STATION EVALUATION TO POSSIBLE INTERFERENCE CRITERIA

Proposed facility does not interfere with FCC Monitoring Stations

Proposed facility does not interfere with West Virginia quite zone

Proposed facility does not interfere with Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance. The distance to the border is 230 kilometers. The maximum actual power radiated towards the Mexican border is 162 watts when the antenna pattern is taken into account so it is believed that the proposed facilities would not pose a potential problem of interference to Mexican stations and not require coordination with Mexican authorities.

Proposed station is OK toward AM broadcast stations

There are spacing and/or contour violations with full service, digital, Class A, and Low Power TV stations.

An evaluation according to OET-69 is presented to support this proposed facility. In evaluating the proposed facility for K16GE, an outgoing interference study was executed using the OET-69 Longley Rice Methodology using a signal resolution of 1 km and a spacing increment of 1.0 km with an ERP of 100 kW. The CDBS database of 1/20/07 was used for this analysis. The following stations were considered in the study:

Call Sign	FCC File Number	City	State	Distance	Bearing
K21AC (21N)	BLTT19820105IG	Victorville, Etc.	CA	0.2	81.4
K21DO (21-)	BLTTL19941013JF	Palm Springs/indio	CA	114.1	135.8
K21FP (21+)	BLTT20021009AAE	Bakersfield	CA	160.9	305.1
K21GI (21+)	BLTT20050516AUD	Morongo Valley	CA	91.4	131.3
K21GR (21Z)	BLTT20040130ARR	Joshua Tree, Etc.	CA	112.0	116.5
K28IE.C (28+)	BMPTTL20050705ABI	Barstow	CA	0.1	90.0
K29FX.C (29+)	BMPTTL20050520AEM	Forest Falls	CA	70.9	148.9
K29GK (29-)	BLTT20060119ADC	Twentynine Palms,et	CA	136.3	115.4
K33DK (33+)	BLTT19910927IB	Lucerne Valley	CA	41.0	113.4
K33HU.A (33+)	BMPTTL20050520AEL	Banning	CA	70.9	148.9
K33HU.C (33+)	BNPTTL20000831AVX	Banning	CA	70.9	148.9
K35BQ (35N)	BLTT19880307IA	Daggett, Etc.	CA	47.2	49.6
K35IW-D.C (35)	BDCCDTL20061030AQU	Bakersfield	CA	151.1	308.5
K36BQ (36N)	BLTT19910611IY	Pahrump	NV	213.9	33.9

Call Sign	FCC File Number	City	State	Distance	Bearing
K36DU (36N)	BLTTL19960308IA	Lake Havasu	AZ	267.9	89.4
K36DU-D.A (36)	BDFCDTA20060331AKF	Lake Havasu City	CA	267.9	89.4
K36FO (36+)	BLTTL20030611AAI	Calexico	CA	247.6	137.5
K36GO (36-)	BLTT20060331AEU	Morongo Valley	CA	91.6	131.3
K39DW (39+)	BLTT19950929IK	Daggett, Etc.	CA	47.2	49.6
K39GY (39-)	BLTT20030822AFM	Victorville	CA	0.2	109.1
K43AG (43N)	BLTTL19960410ID	Ridgecrest	CA	111.6	342.1
K43EE (43+)	BLTT19960216JF	Lucerne Valley	CA	41.0	113.4
K43IR.C (43-)	BNPTTL20000830BOG	Caliente	CA	141.7	300.7
K55AB.C (35+)	BPTT20041201BZX	Ridgecrest, Etc.	CA	102.9	339.7
K55AB-D.C (35)	BDFCDTT20051011AB	Ridgecrest	CA	102.9	339.7
K55CW.C (34-)	BPTTL20050531BPK	Victorville, Etc.	CA	0.2	113.4
KBAKTV (29Z)	BLCT2317	Bakersfield	CA	151.1	308.6
KBFK-L (36+)	BLTTL20040219ACE	Bakersfield	CA	161.2	305.1
KBFX-C.A (22-)	BPTTA20051114AAG	Bakersfield	CA	151.1	308.6
KCET (28Z)	BLET19820607LE	Los Angeles	CA	83.0	239.1
KDTF-L.A (36Z)	BMPTTL19990903AAS	San Diego	CA	214.8	171.1
KDUG-L (21+)	BLTTL20060628ADC	Hemet	CA	92.2	160.1
KDUG-L.C (21+)	BPTTL20060828ACF	Hemet	CA	113.8	173.3
KDUO-L.C (43-)	BNPTTL20000831BKM	Palm Desert	CA	126.1	147.6
KFRE-D.C (36)	BMPCDT20020215AAB	Sanger	CA	335.0	325.3
KJCN-C (36-)	BLTTL19870602IA	Paso Robles	CA	318.2	286.1
KKAX-L (36N)	BLTTL20030722AAR	Hilltop	AZ	314.1	79.5
KMEX-D (35)	BLCDT20021118ACF	Los Angeles	CA	83.2	239.4
KMEXTV (34Z)	BLCT20030313AHD	Los Angeles	CA	83.2	239.4
KMIRTV (36-)	BLCT19901207KE	Palm Springs	CA	114.2	136.0
KNBC-D.A (36)	BPCDT20050406ACJ	Los Angeles	CA	83.1	239.3
KNLZ-L.C (29+)	BMPTTL20060720ABQ	Forest Falls	CA	77.4	145.2
KPCD-L.A (35Z)	BDISTTL20060403ABE	Palm Springs	CA	71.1	148.8
KRMV-L-D.A(35)	BDISDTL20060901AAT	Banning	CA	77.4	145.2
KSCD-L.A (38-)	BDISTTL20060323AEG	Big Bear Lake	CA	51.4	135.2
KSMV-L (33-)	BLTTL20020725AAP	Los Angeles	CA	83.2	239.4
KSPP-L (29+)	BLTTL20050314AAB	Palm Springs	CA	108.3	151.0
KVKV-L.C (29+)	BNPTTL20000831BKW	Victorville	CA	0.0	348.3
KWHYTV (22Z)	BLCT19940317KM	Los Angeles	CA	83.2	239.4
KXLA.C (44+)	BMPCT20031128AAV	Rancho Palos Verdes	CA	83.2	239.4
NEW.A (22-)	BNPTTL20000831BLO	Hemet	CA	99.1	164.2
NEW-D.A-1 (36)	BDCCDTL20060907AAI	Las Vegas	NV	259.3	52.6
NEW-D.A-2 (36)	BDCCDTT20061023ABC	Goodsprings	NV	216.6	48.5
NEW-D.A-3 (36)	BDCCDTL20061026AEN	Yuma	AZ	334.6	130.0
NEW-D.A-4 (35)	BSFDTL20060630CVW	Palm Springs	CA	114.5	136.1
NEW-D.A-5 (35)	BSFDTL20060630ATQ	Palm Springs	CA	114.5	136.1

Of the considered stations, the following stations showed possible interference:

Call Sign	FCC File Number
K21AC (21N)	BLTT19820105IG
KNBC-D.A (36)	BPCDT20050406ACJ

Each of the above stations was evaluated for incoming interference using the OET-69 Longley Rice methodology. In each case, there was zero percent (when rounded to the nearest percent) interference present. The following table identifies the actual percentage interference from the incoming interference analyses.

Call Sign	FCC File Number	Percentage Interference
K21AC (21N)	BLTT19820105IG	0.34 %
KNBC-D.A (36)	BPCDT20050406ACJ	0.33 %

Should you have any questions concerning this analysis, please contact me and I will be happy to help.

Sincerely,

Greg Best

President