

KCGC(FM)
Coarsegold, CA
Proposed Minor Modification
Of Permitted Facility

Application Overview:

KCGC(FM) (FCC Facility ID# 164118) proposes to modify its currently Permitted Facilities using the following parameters:

Tech Box:

Channel:	233
Class:	A
Antenna Coordinates:	N37-18-40, W119-40-10 (NAD 27)
ASRN:	N/A
Tower Height AGL:	30 m
COR AMSL:	1150 m
COR AGL:	26 m
COR HAAT:	276 m
ERP:	0.8 kW
Directional Antenna:	No

Antenna Site City-Grade Coverage:

Exhibit 4 demonstrates that the proposed facility's antenna site provides city grade coverage of KCGC(FM)'s community of license – Coarsegold, CA. As can be seen in the Exhibit, 100% of Coarsegold's community boundaries are encompassed by the F(50,50) 70 dBu

contour of the proposed facility. In addition, the Applicant has noted the location of the Mean Occurrence Longley-Rice 70 dBu contour extending 24% beyond the F(50,50) curve.

Interference Study (Fully Spaced):

Exhibit 5 is a channel spacings study demonstrating that the proposed antenna site is fully spaced towards all applications, authorizations, and permits pursuant to Section 73.207 since BPH-20060425AAR for KOKO-FM Kerman, CA (FCC #3970) has expired.

Downward Radiation Study (FM Model):

The proposed FM Facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). The Commission's FM Model Power Density Prediction program was employed to determine the Field. Using the Phelps-Dodge "Ring Stub" Worst Case antenna with 1 section and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 27.9% of the Uncontrolled Standard with a Power Density of 55.74 microwatts per square centimeter 6 meters from the base of the tower.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

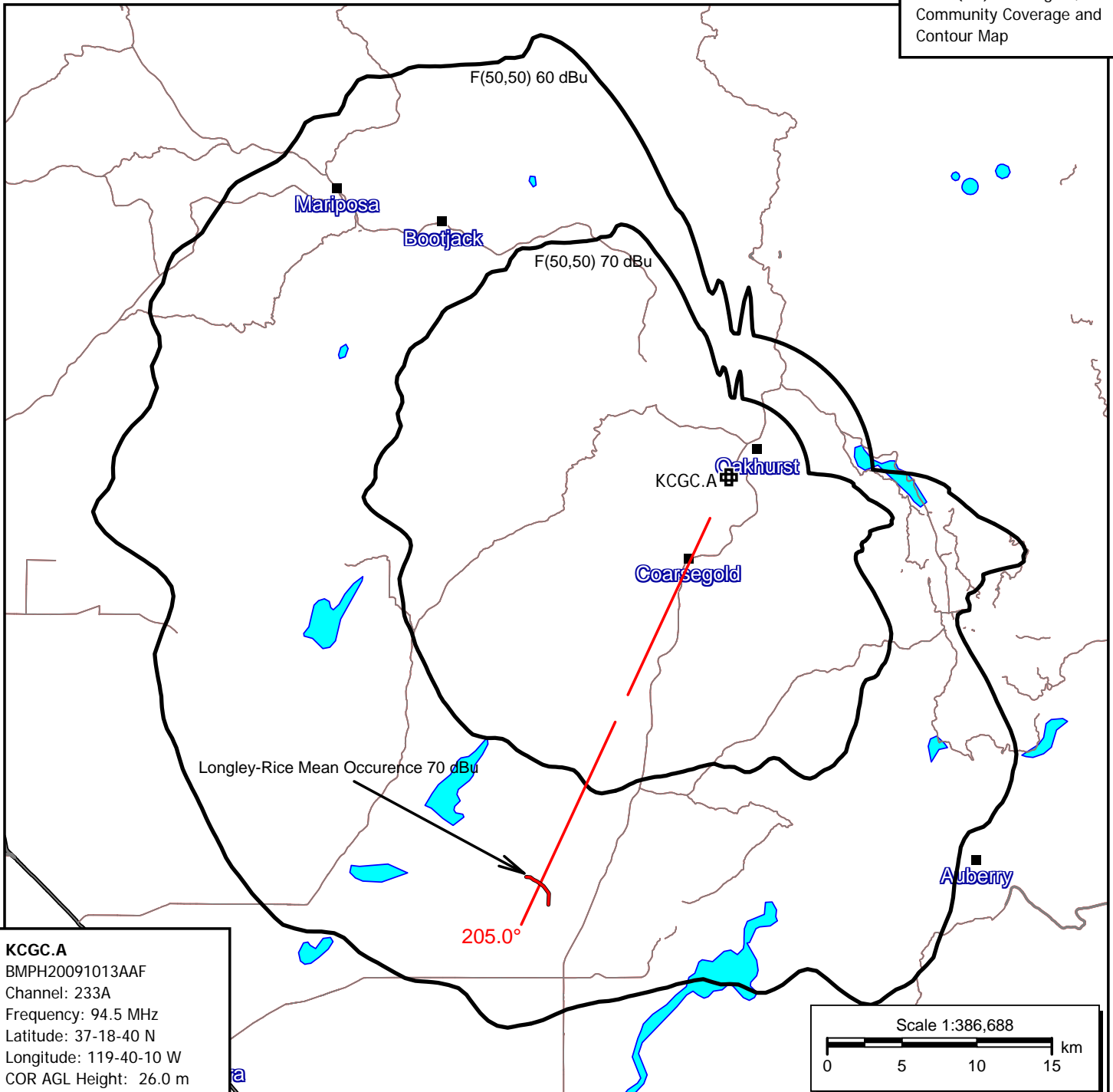
Existing Tower:

The proposed facility is exempt from environmental processing because the facility is not located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

Exhibit 4

Proposed Antenna Site Contour Map:

**F(50,50) Protected Contour
F(50,50) City-Grade Contour**



KCGC.A

BMPH20091013AAF
Channel: 233A
Frequency: 94.5 MHz
Latitude: 37-18-40 N
Longitude: 119-40-10 W
COR AGL Height: 26.0 m
COR AMSL Height: 1150.0 m
Base Elevation: 1124.0 m
COR HAAT: 276.0 m
ERP: 0.80 kW
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 9.1 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

Community Coverage Statement:

The entire community of Coarsegold, CA, is encompassed by the F(50,50) 70 dBu contour. In addition, on the 205 degree contour (the contour on which the reference coordinates of Coarsegold are located), the Mean Occurrence 70 dBu Longley Rice Contour is predicted to extend 29.9 kilometers from the antenna site and, therefore, exceed the F(50,50) 70 dBu contour by 7.3 kilometers, or 24%.

Exhibit 5

Proposed Antenna Site Channel Spacings Study

KCGC(FM) 233A Coarsegold, CA
Section 73.207 Antenna Site Channel Study

REFERENCE
37 18 40.0 N.
119 40 10.0 W.

CLASS = A
Current Spacings
Channel 233 - 94.5 MHz

DISPLAY DATES
DATA 11-24-09
SEARCH 11-24-09

Call	Channel	Location	Azi	Dist	FCC	Margin
KCGC APP 233A Coarsegold CA 0.0 0.00 114.5 -114.50						
Of Note: Pending Application being instantly amended.						
AU3730022USE 233A Coarsegold CA 276.1 3.21 114.5 -111.29						
KCGC CP -Z 233A Coarsegold CA 196.5 5.27 114.5 -109.23						
Of Note: Instant facility being modified						
KOKO-FM APP-N 232A Kerman CA 208.8 67.63 71.5 -3.87						
Of No Concern: Mutually exclusive application BPH-20091120AEP was filed subsequent to the instant application and, therefore, in accordance with Section 73.3573(f), shall remain in queue until the instant application is acted upon.						
KOKO-FM CP -N 232A Kerman CA 208.8 67.63 71.5 -3.87						
Of No Concern: Construction Permit BPH-20060425AAR has expired.						
ALLO USE 233A Hanford CA 176.6 114.40 114.5 -0.10						
Of No Concern: Channel 233A at Hanford is licensed to KGEN-FM for its use (see below).						
KOKO-FM LIC 232A Kerman CA 210.4 73.26 71.5 1.76						
ALLO USE 232A Kerman CA 208.2 73.98 71.5 2.48						
KGEN-FM LIC 233A Hanford CA 175.6 123.16 114.5 8.66						
KBAY LIC-D 233B Gilroy CA 267.1 187.05 177.5 9.55						
KBAY CP -D 233B Gilroy CA 267.1 187.05 177.5 9.55						
ALLO USE 234A Firebaugh CA 234.3 85.92 71.5 14.42						
KYAF CP 234A Firebaugh CA 234.5 85.93 71.5 14.43						
ALLO USE 233B Gilroy CA 264.1 194.19 177.5 16.69						
ALLO USE 286B1 Auberry CA 147.3 30.37 11.5 18.87						
KKBZ LIC 286B1 Auberry CA 141.3 33.80 11.5 22.30						
KBKY LIC 231A Merced CA 289.2 53.03 30.5 22.53						
ALLO USE 236B Oakdale CA 305.8 92.15 68.5 23.65						
KHOP LIC 236B Oakdale CA 305.8 92.15 68.5 23.65						
KBOS-FM LIC 235B Tulare CA 139.0 98.85 68.5 30.35						
ALLO USE 235B Tulare CA 139.0 98.85 68.5 30.35						
ALLO USE 231A Merced CA 266.5 66.03 30.5 35.53						
KWTY CP -N 233B1 Cartago CA 129.5 193.36 142.5 50.86						
ALLO USE 233B1 Cartago CA 128.3 195.15 142.5 52.65						
KTTA LIC 232B1 Jackson CA 324.8 148.96 95.5 53.46						
ALLO USE 232B1 Jackson CA 324.4 150.62 95.5 55.12						