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ENGINEERING REPORT

Summerland, CA, Channel 290D FM Translator Application

ENGINEERING STATEMENT

Gold Coast Broadcasting, LLC ("Applicant") submits this technical minor amendment for its pending 1983 application for a new FM translator station at Summerland, CA. The pending application file number is BNPFT-20030317GZT.

The addition of vertical polarization is the only technical change to this application and is deemed a minor change pursuant to Section 74.1233(a) of the FCC Rules.

Note that this proposal is for an oil platform site off the main California coast.

LPFM Preclusion Study Results for the herein proposed facility are provided in the separate Exhibit 1 (Section 1, Question 5 of the FCC Form 349, as directed by the FCC).

CHANNEL STUDY

Attached as Figure EE1 is a channel study for the proposed channel 290D facility. All required protections are met by contour non-overlap pursuant to Section 74.1204.

CONTOUR OVERLAP SHOWING

The service and interference contour distances that are listed on Figure EE1 use the worst-case (greatest) distance along any bearing for each facility, and also considers each protected station as omni-directional. No contour overlap using this worst-case test means no possible contour overlap when applying Section 73.313 methodology.

Figure EE2, attached, shows non-overlap between the service contour of KRAZ and the interference contour of the proposed channel 290D facility. All contours were determined pursuant to Section 73.313 of the FCC Rules using a USGS 3 arc-second terrain database at one-degree radial intervals.

SECTION 74.1204 CHANNEL STUDY**PROJECT: SUMMERLAND,CA, 290D FROM PROPOSED SITE****STUDY COORDINATES: N 34-20-16.0; W 119-32-29.0 (N D-M-S; W D-M-S)**

Call Docket	Channel FacilityID	Class Service	Frequency ERP	Status DA?	City HAAT	State RCAMSL	Country RCAGL	File Number
Latitude	Longitude			ASRN	Dist (km)	Dist (mi)	Azimuth	
KFYV	288 A	FM	105.5 MHz	LIC	OJAI	CA	US	BLH-19980209KG
-	7744		0.31 kW		438. m	683. m	58. m	
N 34 20 55.00	W 119 20 13.00			1020674	18.85 km	11.71 mi	86.27°	
GOLD COAST BROADCASTING LLC								
NOTE: THE 100 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 290D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								
KFYV-FM1	288 D	FB	105.5 MHz	LIC	OAK VIEW	CA	US	BLFTB-2
-	7747		0.048 kW	DA	0. m	267. m	12. m	
N 34 24 24.00	W 119 17 41.00			-	23.94 km	14.88 mi	71.24°	
BUENA VENTURA, INC.								
NOTE: THE 100 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 290D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								
KFYV	288 A	FM	105.5 MHz	CP	OJAI	CA	US	BPH-20100301ADU
-	7744		0.63 kW		307. m	515. m	15. m	
N 34 20 52.70	W 119 19 25.00			-	20.07 km	12.47 mi	86.69°	
GOLD COAST BROADCASTING LLC								
NOTE: THE 100 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 290D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								
KRAZ	290 A	FM	105.9 MHz	LIC	SANTA YNEZ	CA	US	BLH-20001220AAY
-	33439		0.065 kW	DA	894. m	1232. m	19. m	
N 34 31 32.00	W 119 57 29.00			-	43.60 km	27.09 mi	298.77°	
KNIGHT BROADCASTING, INC.								
Protected Contour Dist: 32.3 km Prop 274D Interf Contour Dist: 23.9 km								
Result: -12.6 km SHORT (WORST-CAST STUDY); See Contour Non-overlap Showing								
NEW	290 D	FX	105.9 MHz	APP	SUMMERLAND	CA	US	BNPFT-20030317GZT
-	143699		0.25 kW		-53.6 m	21. m	21. m	
N 34 20 16.00	W 119 32 29.00			-	0.00 km	0.00 mi	0.00°	
GOLD COAST BROADCASTING LLC								
NOTE: THIS IS THE AUCTION 83 APPLICATION THAT IS BEING AMENDED BY THIS APPLICATION								
KRRF	292 A	FM	106.3 MHz	LIC	OAK VIEW	CA	US	BLH-20130311AEJ
-	10329		0.96 kW		252. m	393. m	41. m	
N 34 17 47.00	W 119 16 21.00			1014800	25.17 km	15.64 mi	100.48°	
CUMULUS LICENSING LLC								
NOTE: THE 100 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 290D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								

Study Complete

FIGURE EE2
Summerland, CA 290D Contour Non-Overlap Showing to KRAZ

