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ENGINEERING REPORT

Solimar Beach, CA, Channel 243D FM Translator Application

ENGINEERING STATEMENT

Gold Coast Broadcasting, LLC ("Applicant") submits this Long-form Application that covers its pending Auction 83 Short-form Application for a new FM translator station at Solimar Beach, CA. The pending application file number is BNPFT-20030317HBI.

There are no tech box changes being made by this long-form application.

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

FILL-IN MAP

Figure EEA, attached, is a map showing that the FM translator's 60 dBu F50,50 contour is completely inside the 2 mV/m daytime contour (and completely inside of the 40 kilometer radius circle contour) of KVTA(AM).

CHANNEL STUDY

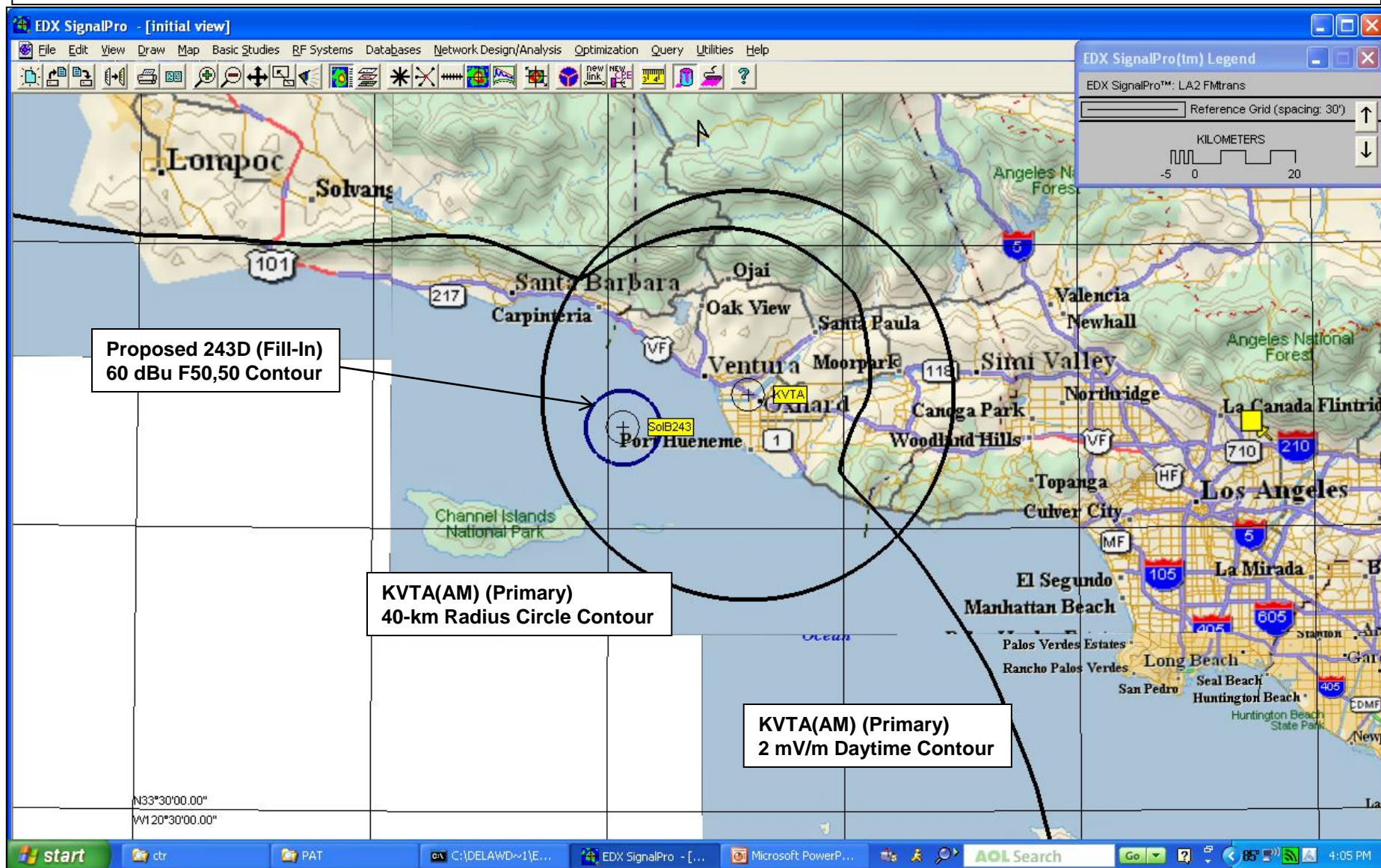
Attached as Figure EE1 is a channel study for the proposed channel 243D facility. All required protections are met by contour non-overlap pursuant to Section 74.1204.

CONTOUR OVERLAP SHOWING

No detailed study is required due to contour non-overlap clearance as listed in Figure EE1 for each protected facility. 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 EEA

Solimar Beach, CA, 243D Contour Fill-In Map



SECTION 74.1204 CHANNEL STUDY**PROJECT: SOLIMAR BEACH,CA, 243D FROM PROPOSED SITE****STUDY COORDINATES: N 34-10-46.0; W 119-28-04.0(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	
Licensee/Permittee								
KOCP	240	B1 FM	95.9 MHz	LIC	CAMARILLO	CA	US	BLH-19980209KF
-	70563		1.2 kW		444. m	689. m	64. m	
N 34 20 55.00	W 119 20 13.00			1020674	22.30 km	13.86 mi	32.55°	
GOLD COAST BROADCASTING LLC								
NOTE: THE 97 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 243D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								
KOCP	240	A FM	95.9 MHz	CP	CAMARILLO	CA	US	BPH-20121016ACW
-	70563		1. kW		245. m	892. m	17. m	
N 34 25 20.00	W 119 2 4.00			-	48.13 km	29.91 mi	55.73°	
GOLD COAST BROADCASTING LLC								
NOTE: THE 97 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 243D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								
NEW	242	D FX	96.3 MHz	APP	SOLIMAR BEACH	CA	US	BNPFT-20030317HBI
-	156323		0.12 kW		45.9 m	46. m	46. m	
N 34 10 46.00	W 119 28 4.00			-	0.00 km	0.00 mi	0.00°	
GOLD COAST BROADCASTING LLC								
NOTE: THIS IS THE AUCTION 83 SHORT-FORM APPLICATION THAT IS BEING COVERED BY THIS LONG-FORM APPLICATION								
KLJR-FM1	244	D FB	96.7 MHz	LIC	VENTURA	CA	US	BLFTB-19911226TA
-	35926		0.003 kW	DA	24. m	142. m	14. m	
N 34 17 25.00	W 119 17 23.00			-	20.50 km	12.74 mi	52.97°	
LAZER LICENSES, LLC								
NOTE: THE 54 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 243D FM TRANSLATOR EXTENDS ONLY TO 10.4 KILOMETERS AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								
KLJR-FM	244	A FM	96.7 MHz	LIC	SANTA PAULA	CA	US	BMLH-20040420AAV
-	35925		0.28 kW		457. m	703. m	15. m	
N 34 19 33.00	W 119 2 18.00			-	42.76 km	26.57 mi	67.47°	
LAZER LICENSES, LLC								
NOTE: THE 54 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 243D FM TRANSLATOR EXTENDS ONLY TO 10.4 KILOMETERS AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.								

Study Complete