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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

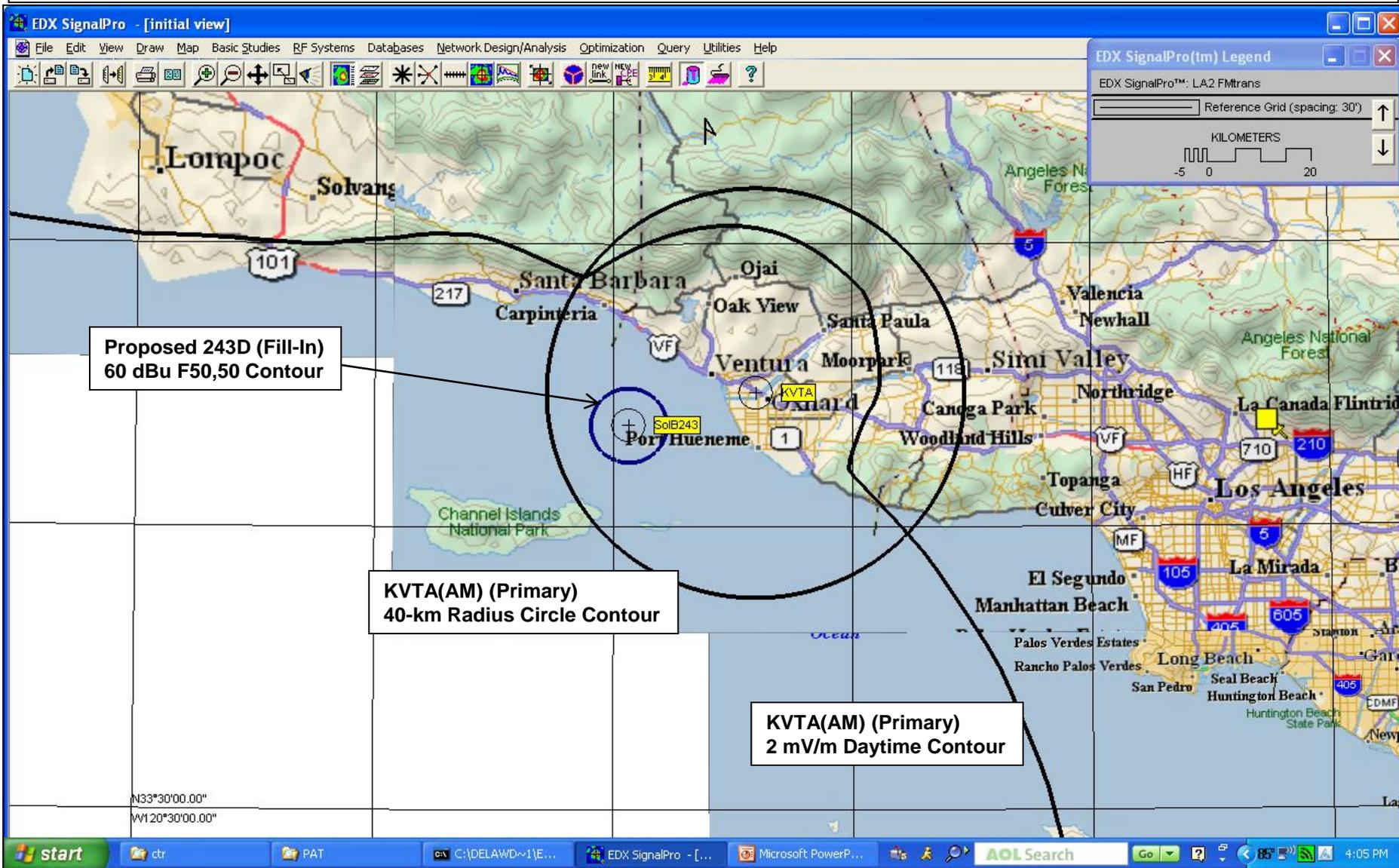
Attached as Figure EE1 is a channel study for the proposed channel 243D facility. All required protections are met by contour non-overlap pursuant to Section 74.1204.

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