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ENGINEERING REPORT

Solimar Beach, CA, Channel 255D 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-20030317GXW.

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 KUNX(AM).

CHANNEL STUDY

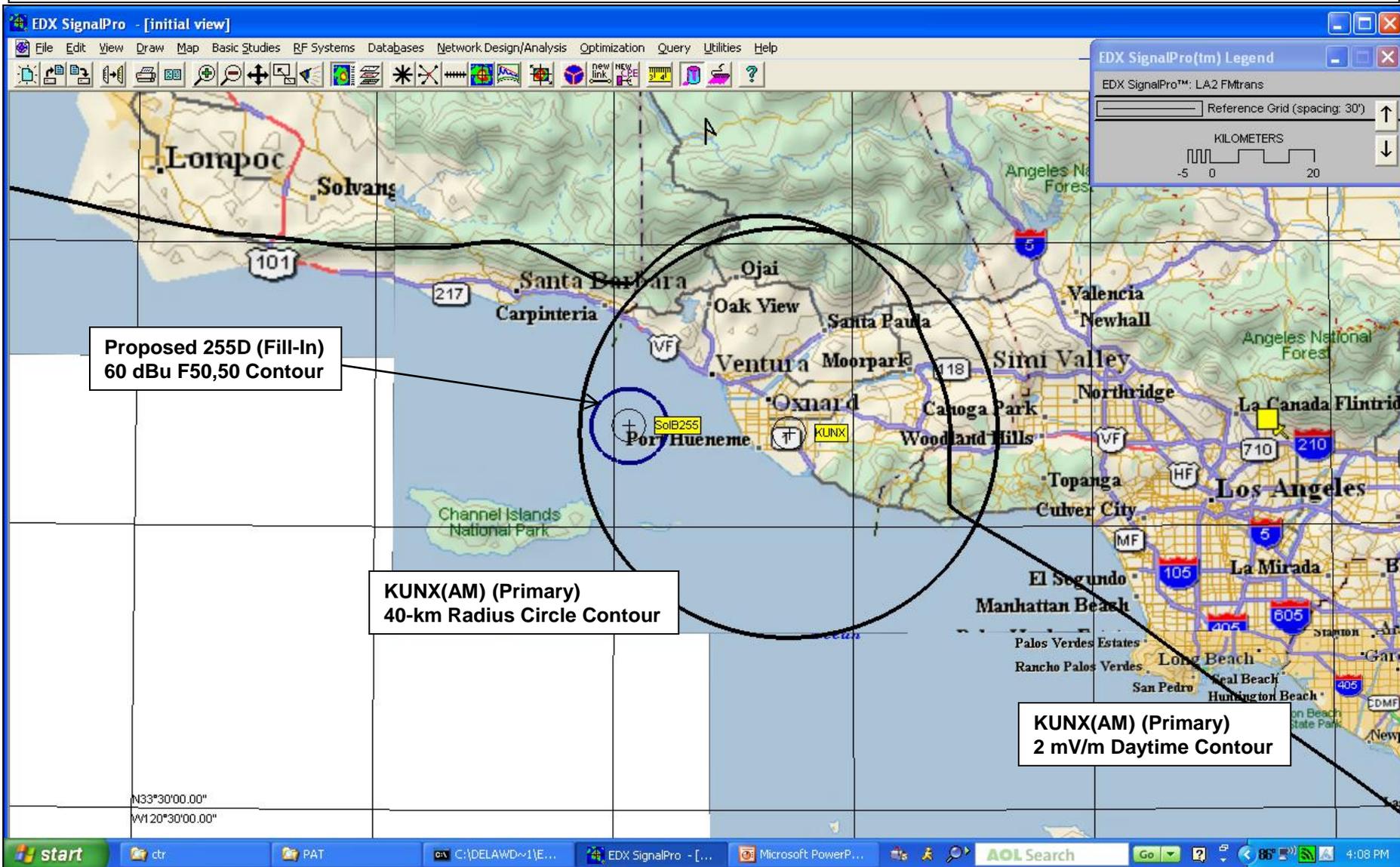
Attached as Figure EE1 is a channel study for the proposed channel 255D facility. All required protections are met by contour non-overlap pursuant to Section 74.1204.

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, 255D Contour Fill-In Map



SECTION 74.1204 CHANNEL STUDY

PROJECT: SOLIMAR BEACH,CA, 255D 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								

KDAR	252	B1	FM	98.3 MHz	LIC	OXNARD	CA US	BLH-19970528KA
-	3077			1.5 kW		393. m	677. m	74. m
N 34 20	55.00	W 119 19	57.00	1015915		22.52 km	14.00 mi	33.42°

NEW INSPIRATION BROADCASTING COMPANY, INC.

NOTE: THE 97 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 255D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.

KDAR-FM1	252	D	FB	98.3 MHz	LIC	SANTA BARBARA	CA US	BLFTB-20080422AAU
-	161997			3.7 kW	DA	0. m	649. m	9. m
N 34 27	56.00	W 119 40	38.00	-		37.13 km	23.07 mi	328.90°

NEW INSPIRATION BROADCASTING COMPANY, INC.

NOTE: THE 100 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 255D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.

K254AH	254	D	FX	98.7 MHz	LIC	ISLA VISTA	CA US	BLFT-20000926ANE
-	85653			0.01 kW	DA	278. m	658. m	3. m
N 34 28	1.00	W 119 40	37.00	-		37.25 km	23.15 mi	329.06°

PACIFICA FOUNDATION, INC.

NOTE: THE 54 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 255D FM TRANSLATOR EXTENDS ONLY TO 10.4 KILOMETERS AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED.

NEW	255	D	FX	98.9 MHz	APP	SOLIMAR BEACH	CA US	BNPFT-20030317GXW
-	143644			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

NEW	258	D	FX	99.5 MHz	APP	SANTA CRUZ ISLAND	CA US	BNPFT-20030317GWG
-	143657			0.1 kW	DA	0. m	448. m	9. m
N 34 0	9.00	W 119 38	51.50	-		25.70 km	15.97 mi	220.14°

COAST BROADCASTING LLC

NOTE: THIS IS AN AUCTION 83 APPLICATION BY THE APPLICANT. NOTE: THE 100 DBU F50,10 INTERFERENCE CONTOUR OF THE PROPOSED 255D FM TRANSLATOR EXTENDS TO LESS THAN 1 KILOMETER AND DOES NOT REACH LAND; THEREFORE, THIS FACILITY IS ADEQUATELY PROTECTED. (THE LONG-FORM APPLICATION FOR THIS FACILITY SPECIFIES A CHANGE TO CHANNEL 257D THAT REMAINS PROTECTED AS A SECOND-ADJACENT FM.)

Study Complete