

**March 2007
KRTO Channel 286B1
Lompoc, CA
Allocation Study**

Contingent Application Group

The instant application is being filed as a part of a two-application contingent group comprised of applications for KIDI-FM and KRTO(FM). These two stations are commonly-owned by Emerald Wave Media. By these applications, Emerald Wave Media proposes:

- 1) KRTO upgrades from Channel 286A to Channel 286B1 at Lompoc, California, with no change in transmitter site;
- 2) In order to accommodate the KRTO upgrade, KIDI-FM changes from Channel 288A to Channel 246A at Guadalupe, with no change in transmitter site apart from a correction of coordinates.

Channel 286B1 Allotment Site

The attached spacing study shows that the proposed Channel 286B1 allotment site meets the co-channel and adjacent channel spacing requirements for Class B1 stations as prescribed in §73.207 of the Commission's Rules.

The proposed Channel 286B1 allotment site is an existing tower site and is located 14 km from the far side of Lompoc. The standard 70 dBu contour distance for a Class B1 facility is 23.2 km. Therefore, and as depicted on the attached map exhibit, the proposed allotment will provide 70 dBu service to 100% of Lompoc.

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SEARCH PARAMETERS

FM Database Date: 070322

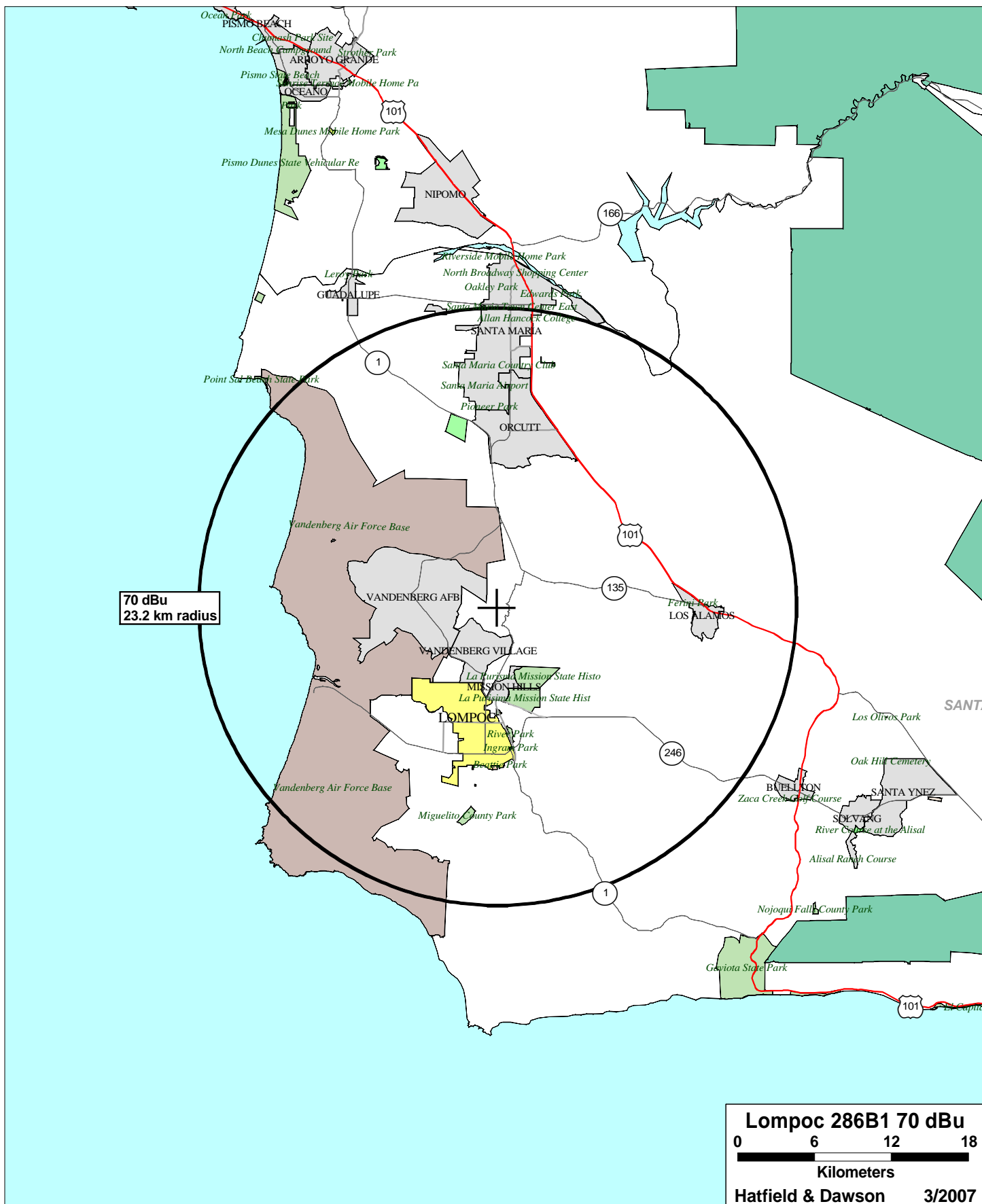
Channel: 286B1 105.1 MHz
 Latitude: 34 44 30
 Longitude: 120 26 45
 Safety Zone: 32 km
 Job Title: LOMPOC 286B1 ALLOTMENT SITE

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW-T APP	SANTA MARIA CA	BNPFT-030317AQR	232D 94.3	0.250 333.0	34-44-31 120-26-46	320.6	0.04 0.00	0 TRANS
KIQO LIC	ATASCADERO CA	BLH-021017AAU	283B 104.5	4.700 440.0	35-21-40 120-39-21	344.5	71.34 0.34	71 CLOSE
NEW-T APP	OJAI CA	BNPFT-030317HEO	285D 104.9	0.250 689.0	34-20-55 119-20-13	113.0	110.73 0.00	0 TRANS
K285EW LIC	SAN LUIS OBISPO CA	BMLFT-050620ABQ	285D 104.9	0.010 788.0	35-23-38 120-42-30	341.8	76.22 0.00	0 TRANS
NEW-T APP	SOLIMAR BEACH CA	BNPFT-030317GUD	285D 104.9	0.250 46.0	34-10-46 119-28-04	124.6	109.39 0.00	0 TRANS
KRTO LIC	LOMPOC CA	BMLH-020730ABN	286A 105.1	0.420 371.0	34-41-28 120-15-58	108.8	17.39 -125.61	143 SHORT
KKGOaux LIC	LOS ANGELES CA	BXLH-050422AEB	286B 105.1	18.000 864.0	34-13-45 118-04-04	104.0	225.72 0.00	0 AUX
KKGOaux LIC	LOS ANGELES CA	BXLH-040916ACT	286B 105.1	3.500 874.0	34-13-45 118-04-04	104.0	225.72 0.00	0 AUX
KKGO LIC	LOS ANGELES CA	BLH-870225KA	286B 105.1	18.000 880.0	34-13-45 118-04-04	104.0	225.72 14.72	211 CLEAR
NEW-T APP	SOUTH LAKE TAHOE CA	BNPFT-030317GLW	286D 105.1	0.004 2561.0	33-55-37 119-55-53	152.3	102.02 0.00	0 TRANS
NEW-T APP	SUMMERLAND CA	BNPFT-030317HCL	286D 105.1	0.250 21.0	34-20-16 119-32-29	118.2	94.34 0.00	0 TRANS
VAC	CAMBRIA CA	RM-10757	287A 105.3	0.000 0.0	35-33-14 121-05-15	327.3	107.42 11.42	96 CLEAR
KBFP-FM LIC	DELANO CA	BLH-871231KD	287B 105.3	35.000 177.0	35-30-53 119-03-41	55.3	152.57 7.57	145 CLOSE
K287AL CP	ISLA VISTA CA	BNPFT-030829AVZ	287D 105.3	0.250 26.0	34-23-23 119-54-20	128.2	63.11 0.00	0 TRANS
KIDI-FM LIC	GUADALUPE CA	BMLH-010212AAF	288A 105.5	0.350 409.0	34-53-54 120-35-28	322.8	21.88 -26.12	48 SHORT

NOTE: TO CHANNEL 246A

44444 END OF FM SPACING STUDY FOR CHANNEL 286 44444



Channel 286B1 Transmitter Site

The attached spacing study shows that the proposed transmitter site meets the co-channel and adjacent channel spacing requirements for Class B1 stations as prescribed in §73.207 of the Commission's Rules, with the exception of short-spacings to a) the licensed operation of KKGO Channel 286B at Los Angeles, and b) the licensed operation of KBFP-FM Channel 287B at Delano. Processing pursuant to §73.215 of the Commission's Rules is requested with respect to KKGO and KBFP-FM, and the attached allocation study maps are included to demonstrate the lack of prohibited contour overlap with those facilities.

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SEARCH PARAMETERS

FM Database Date: 070322

Channel: 286B1 105.1 MHz
 Latitude: 34 41 28
 Longitude: 120 15 58
 Safety Zone: 32 km
 Job Title: KRTO 286B1 TRANSMITTER SITE

Page 1

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
NEW-T APP	SANTA MARIA CA	BNPFT-030317AQR	232D 94.3	0.250 DA 333.0	34-44-31 120-26-46	289.0	17.43 0.00	0 TRANS
KSPE-FM LIC	ELLWOOD CA	BLH-890214KC	233B 94.5	0.880 899.0	34-31-32 119-57-28	123.0	33.72 16.72	17 CLEAR
KIQO LIC	ATASCADERO CA	BLH-021017AAU	283B 104.5	4.700 440.0	35-21-40 120-39-21	334.6	82.40 11.40	71 CLEAR
NEW-T APP	SUMMERLAND CA	BNPFT-030317GYK	283D 104.5	0.250 21.0	34-20-16 119-32-29	120.4	77.23 0.00	0 TRANS
KCAQ LIC	OXNARD CA	BLH-980209KH	284B 104.7	5.100 450.0	34-20-55 119-20-13	113.8 SS	93.39 22.39	71 CLEAR
NEW-T APP	OJAI CA	BNPFT-030317HEO	285D 104.9	0.250 689.0	34-20-55 119-20-13	113.8	93.39 0.00	0 TRANS
K285EW LIC	SAN LUIS OBISPO CA	BMLFT-050620ABQ	285D 104.9	0.010 788.0	35-23-38 120-42-30	332.9	87.79 0.00	0 TRANS
NEW-T APP	SOLIMAR BEACH CA	BNPFT-030317GUD	285D 104.9	0.250 46.0	34-10-46 119-28-04	127.6	92.77 0.00	0 TRANS
KRTO LIC	LOMPOC CA	BMLH-020730ABN	286A 105.1	0.420 371.0	34-41-28 120-15-58	0.0	0.00 -143.00	143 SHORT
KKGOaux LIC	LOS ANGELES CA	BXLH-050422AEB	286B 105.1	18.000 864.0	34-13-45 118-04-04	103.7	208.39 0.00	0 AUX
KKGOaux LIC	LOS ANGELES CA	BXLH-040916ACT	286B 105.1	3.500 874.0	34-13-45 118-04-04	103.7	208.39 0.00	0 AUX
KKGO LIC	LOS ANGELES CA	BLH-870225KA	286B 105.1	18.000 880.0	34-13-45 118-04-04	103.7	208.39 -2.61	211 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 178 KM								
NEW-T APP	SOUTH LAKE TAHOE CA	BNPFT-030317GLW	286D 105.1	0.004 2561.0	33-55-37 119-55-53	160.0	90.19 0.00	0 TRANS
NEW-T APP	SUMMERLAND CA	BNPFT-030317HCL	286D 105.1	0.250 21.0	34-20-16 119-32-29	120.4	77.23 0.00	0 TRANS

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SEARCH PARAMETERS FM Database Date: 070322

Channel: 286B1 105.1 MHz Page 2

Latitude: 34 41 28

Longitude: 120 15 58

Safety Zone: 32 km

Job Title: KRT0 286B1 TRANSMITTER SITE

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
VAC	CAMBRIA CA	RM-10757	287A 105.3	0.000 0.0	35-33-14 121-05-15	322.3	121.52 25.52	96 CLEAR
KBFP-FM LIC	DELANO CA	BLH-871231KD	287B 105.3	35.000 177.0	35-30-53 119-03-41	49.8	142.88 -2.12	145 SHORT
ABSOLUTE MINIMUM 73.215 SPACING = 114 KM								
K287AL CP	ISLA VISTA CA	BNPFT-030829AVZ	287D 105.3	0.250 26.0	34-23-23 119-54-20	135.3	47.05 0.00	0 TRANS
KIDI-FM LIC	GUADALUPE CA	BMLH-010212AAF	288A 105.5	0.350 409.0	34-53-54 120-35-28	307.9	37.59 -10.41	48 SHORT
NOTE: TO CHANNEL 246A								

44444 END OF FM SPACING STUDY FOR CHANNEL 286 44444

