

**EXHIBIT 35 TECHNICAL REPORT  
IN SUPPORT OF KRRF  
CHANGE IN CITY OF LICENSE  
TO OAK VIEW, CA**

This technical report has been developed in support of an application for minor modifications to station KRRF on 292A at Goleta, CA to move transmitter site, and change city of license to provide a first local aural service at Oak View, CA in accordance with Section 73.3573 of the Commission's rules. Oak View is a Census Designated Place with a year 2000 population of 4,199. Analyses and exhibits are provided herein to meet the requirements of question 18, exhibit 35 of form 301.

**A. Proposed KRRF service contour areas and population based on FCC standard method and actual terrain**

60 dBu	458,542	2,868 square kilometers
70 dBu	322,658	875 square kilometers

**A1. Goleta, CA remaining full time reception services (Exhibit D)**

FM 60 dBu or greater	= 13 less KRRF
AM fulltime 2mV/m or greater night interference free	= <u>3</u>
	16 full time reception services

**A2. Oak View, CA full time reception services (Exhibit E)**

FM 60 dBu or greater	= 19 including KRRF
AM 2 mV/m or greater night interference free	= <u>2</u>
	21 full time reception services

**B. No aural broadcast station is currently licensed to Oak View, CA**

**C. Goleta, CA will retain services from KRUZ (FM) with a simultaneously filed contingent application changing city of license from Santa Barbara to Goleta at its current site.**

#### **D. Additional allocation analysis**

The KRRF facility is proposed at N 34-17-47 W 119-16-21. The technical report provided as exhibit 29 to the application demonstrates that the KRRF application fully meets Commission allocation rules and policies.

#### **Urbanized area analysis**

The proposed KRRF 70 dBu will encompass 99.6% of the Oxnard, CA 2000 urbanized area (see exhibit A).

#### **Population and area and gain-loss**

The actual FCC standard method population and areas are reported above as question 18 appears to require. Using the same methodology, the relative service gain and loss areas are provided below (see E33 Exhibit B).

<b>60 dBu gain area</b>	<b>= 418,543</b>	<b>1,718 – 637 (over water) sq km</b>
<b>Loss area</b>	<b>= 192,688</b>	<b>2,247 – 1,632 (over water) sq km</b>
<b>Net gain</b>	<b>= 225,855</b>	<b>466 sq km</b>

Exhibit C demonstrates that the entire loss area is well served with at least ten (10) fulltime aural services. The gain area also receives at least ten (10) or more fulltime services.

#### **Goleta, CA retains a local service**

Goleta, CA will retain local service with the grant of the contingent application for KRUZ to change community of license to Goleta.

#### **Conclusion:**

It is concluded that the proposed modification of KRRF to change community of license is in compliance with Commission allocations rules and policies, and that it will provide a first local aural service to Oak View, CA, and result in a net gain in 60 dBu population served of 225,855 and 466 square kilometers. Goleta, CA will retain local service with the grant of the contingent KRUZ application and retains sixteen (16) full time aural reception services after the KRRF move.



Charles M. Anderson 02/09/2011

## EXHIBIT A KRRF UA

Latitude: 34-17-47 N  
Longitude: 119-16-21 W  
ERP: 0.90 kW  
Channel: 292  
Frequency: 106.3 MHz  
AMSL Height: 400.0 m  
Elevation: 352.0 m  
Horiz. Pattern: Omni

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PROPOSED FCC 70 DBU  
COVERS 98.6%  
OF OXNARD URBANIZED  
AREA (GRAY).

KRRF

Scale 1:300,000

0 4 8 12 km

**LOSS AREA = 192,688/ 2,247 SQ KM - 1,632 OVER WATER = 615 SQ KM**

**PROPOSED GAIN AREA = 418,543/ 1,718 SQ KM - 637 OVER WATER = 1,081 SQ KM**  
**NET GAIN (LESS LOSS AREA) = 225,855/ +466 SQ KM AFTER DELETION OF WATER AREA**

**EXHIBIT B  
GAIN-LOSS AREA**

**COAST**

**KRRF**

**KRRF**

**LOS AREA OVER WATER = 1,632 SQ KM**

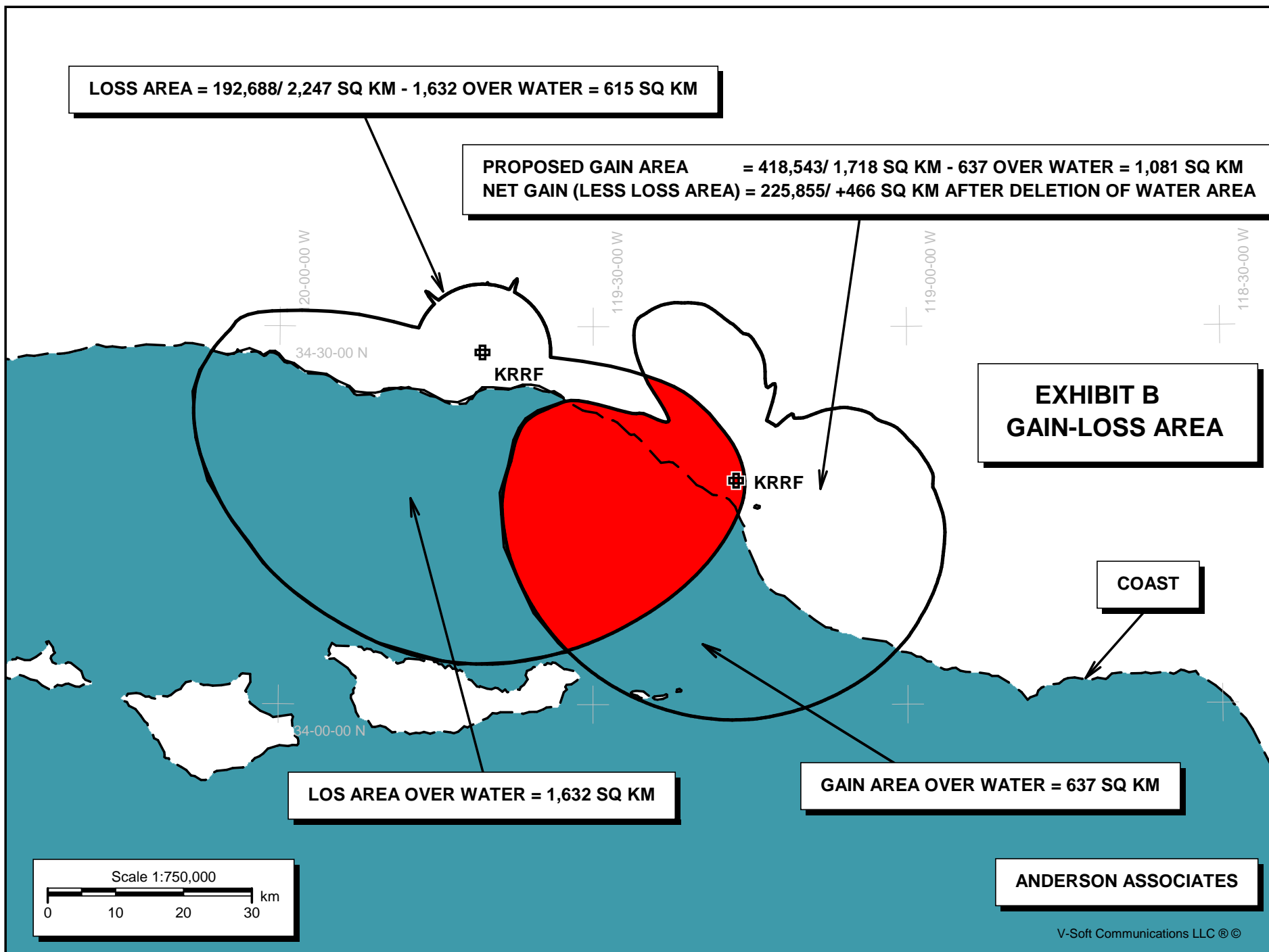
**GAIN AREA OVER WATER = 637 SQ KM**

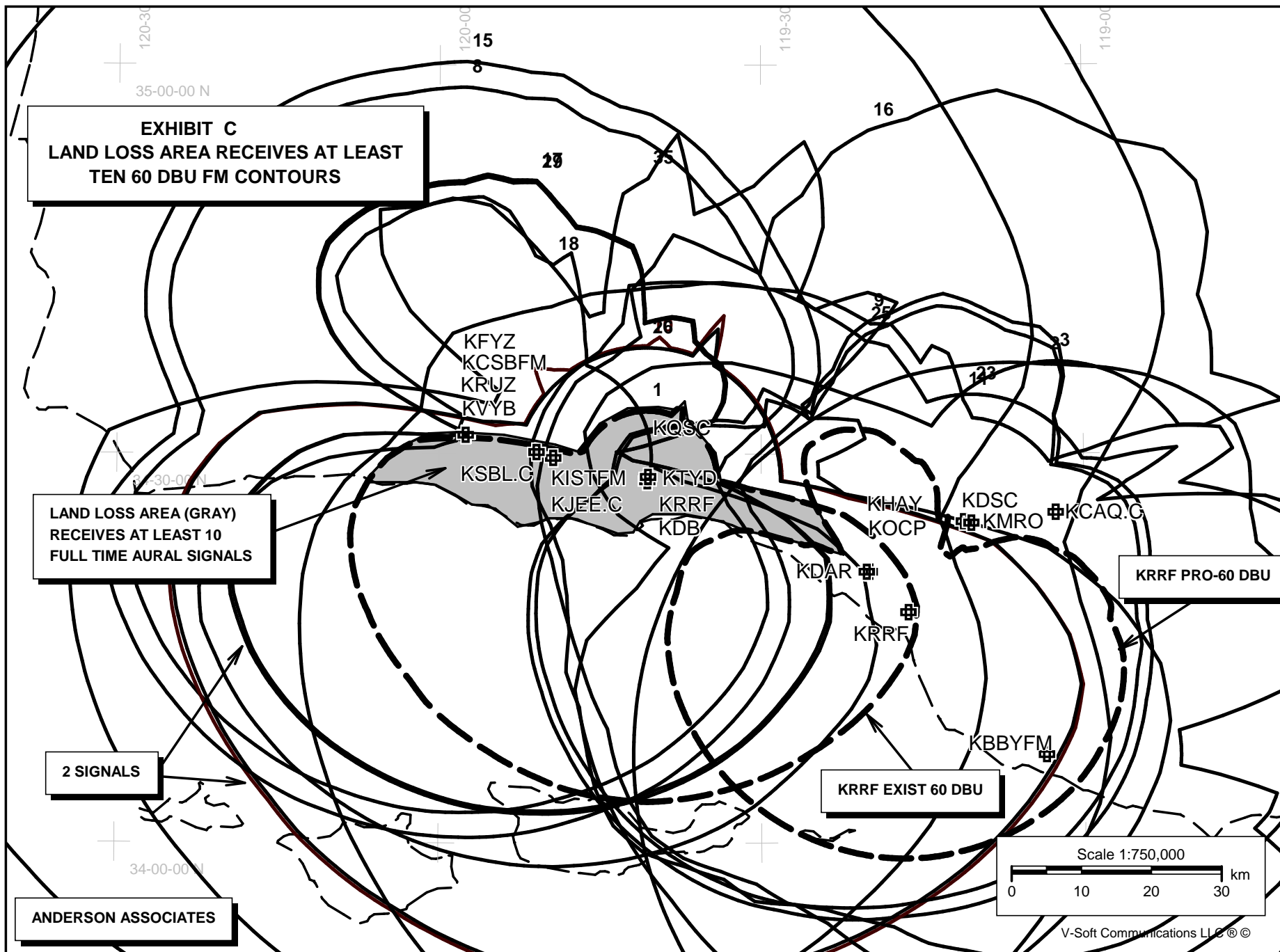
Scale 1:750,000

0 10 20 30 km

**ANDERSON ASSOCIATES**

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## EXHIBIT C1 LIST OF EXISTING SIGNALS FACILITIES CONSIDERED

Call	Sign	Lic	Chan.	Svc	Cls	City	ST	DA	Power
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KRRF		LIC	292	M	A	Goleta	CA	No	0.94
KBBYFM			201	V	B	Ventura	CA	No	12.5
KCAQ.C		CP	284	M	B	Oxnard	CA	No	20.0
KCSBFM			201	V	B	Santa Barbara	CA	No	0.62
KDAR			201	V	B1	Oxnard	CA	No	1.5
KDB			201	V	B	Santa Barbara	CA	No	12.5
KDSC			201	V	B	Thousand Oaks	CA	No	4.8
KFYZ			201	V	B	Ellwood	CA	No	0.88
KHAY			201	V	B	Ventura	CA	No	39.0
KISTFM			201	V	B1	Santa Barbara	CA	No	0.93
KJEE.C		CP	225	M	B1	Montecito	CA	No	3.75
KMRO			201	V	B	Camarillo	CA	No	10.5
KOCP			201	V	B1	Camarillo	CA	No	1.2
KQSC			201	V	B	Santa Barbara	CA	No	12.0
KRUZ			201	V	B	Santa Barbara	CA	No	17.5
KSBL.C		CP	269	M	B1	Carpinteria	CA	No	0.89
KTYD			201	V	B	Santa Barbara	CA	No	34.0
KVYB			201	V	B	Santa Barbara	CA	No	105.0
KRRF		APP	292	M	A	Oak View	CA	No	0.9

## EXHIBIT D

### FULLTIME SERVICES TO GOLETA, CA

Call Sign	Principal City	State	Frequency (MHz)	CDBS Facility ID
KVYB	Santa Barbara	CA	103.3	8853
KTYD	Santa Barbara	CA	99.9	14528
KDB	Santa Barbara	CA	93.7	51169
KQSC	Santa Barbara	CA	88.7	69085
KRUZ	Santa Barbara	CA	97.5	3159
KIST-FM	Santa Barbara	CA	107.7	31434
KSBL	Carpinteria	CA	101.7	35592
KRRF	Goleta	CA	106.3	10329
KHAY	Ventura	CA	100.7	35848
KJEE	Montecito	CA	92.9	43589
KFYZ	Ellwood	CA	94.5	61058
KCSB-FM	Santa Barbara	CA	91.9	69081
KSBX	Santa Barbara	CA	89.5	33708
KZER	Santa Barbara	CA	1250	3156
KTMS	Santa Barbara	CA	990	14529
KFI-N	Los Angeles	CA	640	34425

Fulltime aural service are 60 dBu FM and day and night interference free contours for AM (2 mV/m or greater for cities with populations of 2000 or more.

## **EXHIBIT E**

### **FULL-TIME SERVICES TO OAK VIEW, CA\***

Call Sign	Principal City	State	Frequency (MHz)	CDBS Facility ID
KHAY	Ventura	CA	100.7	35848
KFYV-FM	Oak View	CA	105.5	7747
KMRO	Camarillo	CA	90.3	65404
KDSC	Thousand Oaks	CA	91.1	69116
KDAR	Oxnard	CA	98.3	3077
KOCP	Camarillo	CA	95.9	70563
KTYD	Santa Barbara	CA	99.9	14528
KSSC	Ventura	CA	107.1	33567
KFYV	Ojai	CA	105.5	7744
KDB	Santa Barbara	CA	93.7	51169
KCAQ	Oxnard	CA	104.7	25092
KQSC	Santa Barbara	CA	88.7	69085
KMLA	El Rio	CA	103.7	55273
KBBY-FM	Ventura	CA	95.1	7745
KVYB	Santa Barbara	CA	103.3	8853
KRUZ	Santa Barbara	CA	97.5	3159
KRRF	Goleta	CA	106.3	10329
KLJR-FM	Santa Paula	CA	96.7	35925
KJEE	Montecito	CA	92.9	43589
KFI-N	LOS ANGELES	CA	640	34425
KNX-N	LOS ANGELES	CA	1070	9616

\* Fulltime aural service are 60 dBu FM and day and night interference free contours for AM (2 mV/m or greater for cities with populations of 2000 or more).