



## Application Search Details

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## Application Search Details

**File Number:** BDSTA-20110315ACD  
**Call Sign:** K35DO  
**Facility Id:** 57943  
**FRN:** 0004367397  
**Applicant Name:** RURAL CALIFORNIA BROADCASTING CORPORATION  
**Frequency:**  
**Channel:** 35  
**Community of License:** HOPLAND, CA  
**Application Type:** SPECIAL TEMPORARY AUTHORITY  
**Status:** ACCEPTED FOR FILING  
**Status Date:** 03/16/2011  
**Expiration Date:**  
**Tolling Code:**  
**Application Service:** DS  
**Disposed Date:**  
**Accepted Date:** 03/16/2011  
**Last Public Notice:**  
**Last Report Number:**  
**Authorization** Authorization not available  
**Legal Actions** [View Legal Actions](#)  
**PN Comment** [Public Notice Comment](#)  
**Correspondence Folder** [View Correspondence Folder](#)

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Please send comments via standard mail to the Federal Communications Commission, Consumer and Governmental Affairs Bureau, 445 12th Street, S.W., Washington, D.C., 20554. Questions can also be answered by calling the FCC's National Call Center, toll free, at 1-888-Call FCC (1-888-225-5322).

Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554  
[More FCC Contact Information...](#)

Phone: 1-888-CALL-FCC (1-888-225-5322)  
TTY: 1-888-TELL-FCC (1-888-835-5322)  
Fax: 1-866-418-0232  
E-mail: [fccinfo@fcc.gov](mailto:fccinfo@fcc.gov)

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Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
<b>Engineering STA</b>		FOR COMMISSION USE ONLY
Read Instructions/FAQ before filling out form		FILE NO. BDSTA - 20110315ACD

**Section I - General Information**

1.	Legal Name of the Applicant RURAL CALIFORNIA BROADCASTING CORPORATION		
	Mailing Address 5850 LABATH AVENUE		
	City ROHNERT PARK	State or Country (if foreign address) CA	Zip Code 94928 -
	Telephone Number (include area code) 7075858522		E-Mail Address (if available) LARRY_STRATTON@KRCB.ORG
	FCC Registration No 0004367397	Call Sign K35DO	Facility ID Number 57943
2.	Contact Representative (if other than licensee/permittee) RURAL CALIFORNIA BROADCASTING CORPORATION		Firm or Company Name
	Mailing Address 5850 LABATH AVENUE		
	City ROHNERT PARK	State or Country (if foreign address) CA	ZIP Code 94928 -
	Telephone Number (include area code) 7075858522		E-Mail Address (if available) LARRY_STRATTON@KRCB.ORG
3.	Purpose:		
	<input checked="" type="radio"/> Engineering STA		
	<input type="radio"/> Extension of Existing Engineering STA		
	<input type="radio"/> Legal STA		
	<input type="radio"/> Extension of Existing Legal STA		
4.	Service: DS		
5.	Community of License: City: HOPLAND State: CA		
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required)		

**TECHNICAL SPECIFICATIONS**

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

**TECH BOX**

7.1. Channel:  
35

7.2.	Zone: <input type="radio"/> I <input checked="" type="radio"/> II <input type="radio"/> III											
7.3.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 38 Minutes 55 Seconds 39 <input checked="" type="radio"/> North <input type="radio"/> South  Longitude: Degrees 123 Minutes 6 Seconds 50 <input checked="" type="radio"/> West <input type="radio"/> East											
7.4.	Antenna Structure Registration Number: <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA											
7.5.	Antenna Location Site Elevation Above Mean Sea Level: 520 meters											
7.6.	Overall Tower Height Above Ground Level: 10 meters											
7.7.	Height of Radiation Center Above Ground Level: 9 meters											
7.8.	Height of Radiation Center Above Average Terrain: 97 meters											
7.9.	Maximum Effective Radiated Power (average): 0.129 kW											
7.10.	Antenna Specifications: <input type="radio"/> Nondirectional <input checked="" type="radio"/> Directional  a. Manufacturer SCA Model ODD940404IA  b. Electrical Beam Tilt: degrees <input checked="" type="checkbox"/> Not Applicable  c. Mechanical Beam Tilt: degrees toward azimuth degrees True <input checked="" type="checkbox"/> Not Applicable  d. Polarization: <input checked="" type="radio"/> Horizontal <input type="radio"/> Circular <input type="radio"/> Elliptical  Directional Antenna Relative Field Values: Rotation (Degrees): 0 <input checked="" type="checkbox"/> No Rotation											
	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
	0	1	10	0.95	20	0.829	30	0.789	40	0.91	50	0.989
	60	0.975	70	0.917	80	0.83	90	0.712	100	0.57	110	0.403
	120	0.132	130	0.02	140	0.02	150	0.02	160	0.02	170	0.02
	180	0.02	190	0.02	200	0.02	210	0.02	220	0.02	230	0.02
	240	0.132	250	0.403	260	0.57	270	0.712	280	0.83	290	0.917
	300	0.975	310	0.989	320	0.91	330	0.789	340	0.829	350	0.95
	Additional Azimuths											
8.	Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1) the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought									[Exhibit 21]		
9.	Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the									<input checked="" type="radio"/> Yes <input type="radio"/> No		

Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

I certify that I have prepared Engineering Data on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name LARRY STRATTON	Relationship to Applicant (e.g., Consulting Engineer) APPLICANT STAFF	
Signature	Date (mm/dd/yyyy) 03/15/2011	
Mailing Address 5850 LABATH AVE		
City ROHNERT PARK	State or Country (if foreign address) CA	Zip Code 94928 -
Telephone Number (No dashes or parentheses, include area code) 7075842009	E-Mail Address (if available) LARRY_STRATTON@KRCB.ORG	

I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing LARRY STRATTON	Typed or Printed Title of Person Signing CHIEF ENGINEER
Signature	Date (mm/dd/yyyy) 03/15/2011

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

## Exhibits

### Exhibit 21

**Description:** STA REQUEST NARRATIVE

PLEASE SEE THE ATTACHMENT TO THIS EXHIBIT

### Attachment 21

Description
<a href="#">Attachment to Exhibit 21</a>

## **ATTACHMENT TO EXHIBIT 21**

Rural California Broadcasting Corporation (*RCBC*), the licensee of both TV Translator Station K35DO (the *Translator*) and its primary station, Non-Commercial Educational Station KRCB, Channel 23, Cotati, California, FCC Facility ID No. 57945, hereby requests an Engineering STA to operate the Translator at variance from its licensed parameters.

The Translator is licensed to operate in the NTSC signal mode, and to generate 129 Watts of horizontally polarized Effective Radiated Power from a transmitter site having the NAD 1927 coordinates:

North Latitude 38° 55' 39"; West Longitude 123° 06' 50".

The licensed antenna is a Scala Model No. ODD940404IA directional array, FCC Antenna ID No. 22191. See FCC File No. BLTT-19940509JJ.

By means of this request, RCBC seeks authority from the Commission to operate the Translator with its licensed ERP, HAAT, and antenna, but in the ATSC Digital mode rather than in the NTSC analog mode. Operation in the Digital mode is the only variation from the licensed parameters that this STA request proposes. This authority has been previously conveyed to RCBC by the Commission's grant of RCBC's request, FCC File No. BSTA 20100312 ADB, and as extended by the Commission's grant of RCBC's extension request, BESTA-20100910ABY.

On March 15, 2011, RCBC sought to extend its outstanding STA, but could not do so due to an apparent limitation within CDBS or some quirk related to the Commission's Engineering Data Base. Thus this request for an engineering STA is filed to, in effect, request extension of that previous STA, or viewed another way, a replacement or successor STA.

The circumstances that prompt this request are extraordinary and fully warrant a grant of temporary authority to operate at variance to the Commission's rules.

As RCBC has previously reported to the Commission in RCBC's Dark-Authority Request, FCC File No. BLSTA-20100722HWW, the Translator is currently dark. That is because the transmitter site owner had raised concerns about the risk of fire danger that would be posed by keeping continuously energized during the fire season the transmission line that feeds utility power to the wooded transmitter site. Fire season is now over, and the site owner is willing to allow RCBC to reenergize the utility-power transmission line. RCBC therefore seeks this STA to enable RCBC to resume operation of the translator in the ATSC Digital mode, but otherwise in accordance with licensed parameters.

RCBC has obtained authority to permanently relocate the Translator and to convert it to a Digital facility.<sup>1</sup> In light of the migration of over-the-air television viewers to the Digital mode, temporarily authorizing RCBC to operate in Digital at the licensed site would better serve the public interest.

The grant of this STA request will further the public interest. The grant will enable RCBC to:

1. resume providing Non-Commercial Educational television service to the Translator's rural service area, which, due to terrain shielding, receives limited television service from over-the-air sources;
2. furnish improved-quality signals to the viewing public, due to the inherent, superior nature of Digital transmissions; and
3. provide three audio visual streams to the members of the public served by K35DO, thereby providing that population with a greater selection of public-television programming.

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<sup>1</sup> See FCC File No. BDFCDTT-20090824AJS.