HE COMMUNICATOR

Contra Costa Communications Club, Inc An ARRL Affiliated Repeater Group Dedicated to Service



Sunshine Committee

Hello everyone: I hope this little slice of love finds you all safe and

healthy. We think about you often. Know that you are all in our prayers and thoughts.

Sincerely, Burgie, KE6MSF The meeting was called to order at 8:00

Annual Christmas Party

The party will be on Dec. 13. The party will be a potluck. Tickets will be \$5 each, collected at the door. We need : Salads, Vegetables,

Casserole / crock pot main dishes, Desserts

Report to Barbara what you plan to bring. You can download the flyer on the Events page of the Club web site.

Membership Renewal for 2015

The membership renewal application is posted on the club web site Membership page. You can download the form and mail your renewal with payment and any updates to your information.

In This Edition

President's Blog	Page 1
Nets and Officers	Page 2
Treasures Monthly Report	Page 3
HRO AD	Page 5

President's Blog

Audrey and I went to Sac. for a Stand Down to help do eye screening. They put up some dome plastic tents for us to use, but the only problem was that we needed darkness to make the equipment work right. So we covered parts of the tents with black plastic. I guess I will be a good boy from now on "cuz" I found what the heat will be like down there after I pass. It was going to be 106 plus and it was plus. We helped put new glasses on about 150 vets, so it was worth while. We need to have a work party at the repeater site pretty quick. If you can drive nails and own a hammer we could use your help. We have other tasks we need to do, so we will take all the help you can give. Give me a call at 223-1748 or my cell 367-6641 and we will set up a time. Just a little reminder that every once in a while the net controller is not there when a net should begin and someone needs to take over and run the net. Our nets are not that formal, so all you need to do is to call the members you remember and then ask for others to check in. No one is going to yell at you if you run it your way, and if you get a smarty, then just turn it over to them. I just hate to have a no net because someone is sick. The holiday party is coming and it will be a potluck and you need to check in with Barbara and get an "okie- dokie" on what you are bringing. We don't need 20 dishes of liver and onions. It would be more fun if the guys had to make what each couple brings. We might find some great cooks. If you want to talk about what to bring come to the meeting on the 12th and we can get a vote for your dish.

See ya on October 12th!

Fred W6BBQ

DAYS	NET CONTROLLER REPEATER/NET NAME/TIME		
MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY	MICHAEL K6CUG BOB AB4AL BOB W6WTJ ALT: STAN KB6SEI GARY KG6RJA	145.110 OVER-THE-HILL 7:10 AM	
WEEKLY - TUESDAY QRM	ROBBY N6MNL BOB AB4AL JEFF KL6RHF MICHAEL K6CUG RICH K06FR	224.300 CLUB 220 NET 7:30 PM	
WEEKLY - WEDNESDAY	JEFF KJ6RHF	145.110 OPEN NET 8:00 PM	
WEEKLY - THURSDAY	MEMBERS ROTATE	145.110 WEST CONTRA COSTA CTY RACES 6:45 PM	
WEEKLY - THURSDAY	ROBBY N6MNL FRED W6BBQ JEFF KJ6RHF BOB AB4AL MICHAEL K6CUG	145.110 CLUB NET 7:30 PM	
WEEKLY - THURSDAY	URSDAY OPEN NET 145.110 TECHNICAL NET 8:00 PM		

Club Officers For 2014

President: Fred Nieman W	V6BBQ (2014) 0 510-223-1748	Committee Chairperson	
V. Pres: Don Hamma	XE6ZFP (2016) 2 510-526-6823	Membership:	
Secretary: Burgie Jones K	E6MSF (2016) 2 510-964-1476	Audrey Nieman, KD6MVH 510-223-1748	
Treasurer: V. Thompson	XE6FSU (2015) 2 510-326-2361	WA6KQB@comcast.net	
Director: Robby Robinson Director: Mike Nicholson	76BBQ (2021) 510-223-1748 N6MNL (2015) 1 K6CUG (2014) 1 510-245-7012 KI6KOU (2016) 2 510-237-6089	Technical Committee:(Chair) Robert GregoryAB4AL707-552-1403Paul HensonKF6FMX510-758-4548Fred Nieman,W6BBQ510-223-1748Alen AlsingKJ6JIS510-334-9933	
	ounty Mike McMillan K6MCM -223-3052	Jeff Miller KJ6RHF 510-499-5606 Packet: Robby Robinson N6MNL NARCC:	
Repeater Controller's		Fred Nieman W6BBQ 510-223-1748	
Call to report any proble Robby. N6MNL		Picnic: Fred Nieman, W6BBQ 510-223-1748 Christmas:	
FredW6BBQBobAB4ALJeffKJ6RHFRogerKE6SZG	510-223-1748 707-552-1403 510-499-5606 510-964-1476	Barbara Robinson KD6OKJ Newsletter: Victoria Thompson KE6FSU 510-326-2361	

General Meeting Minutes September 14, 2014

The meeting was called to order at 8:00 a.m. by President Fred, W6BBQ.

Introductions were made around the room. No treasurers report.

New business: We have received settlement from the insurance company from the incident on the hill.

Old business: We are looking for a building to put up at the repeaters site. The current building is too small for the repeater so we are researching the options.

An amendment to the June issue: Robby, N6MNL, won the progressive raffle of \$15.00, and it was donated to the memorial fund.

Morning Nets: If someone is unable to run their regularly scheduled morning net and have not been asked to replace the net controller, please feel free to run the net when you realize there is not a net going on. Anyone with a license is able to jump in and start the net. It would be greatly appreciated.

Christmas Party: Barbara, KD6OKJ, and or Victoria, KE6FSU, will be sending out information regarding the Christmas party. Please check your emails. The information will be sent soon.

There was no directors meeting this month. Meeting adjourned at 8:20 a.m.

Submitted by: Burgie Jones, KE6MSF

Progressive Raffle: Ken Miller, KA6TUX, who was not in attendance. The next raffle with be for \$15.00.

Free Breakfast: Burgie Jones, KE6MSF.

Treasures Report for September

INCOME		EXPENCES	
Picnic	\$ 10.00	Repeater	\$788.06
Donations	<u>\$ 25.00</u>	Total	\$788.06
Total	\$ 35.00		

An Introduction to Software Defined Radio

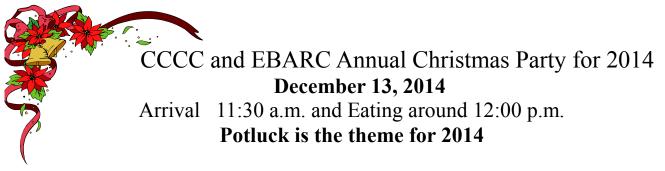
by Jeffrey Pawlan, WA6KBL Distinguished Lecturer in the IEEE MTT Society Date: Thursday, November 13 Location: Building: Aristotle Room Keysight (Agilent) Technologies 5301 Stevens Creek Boulevard Santa Clara, California

> Time: 06:00PM to 08:00PM (2.00 hours) 6:00 - 6:30pm, networking and snacks 6:30 - 8:00pm, presentation **Free admission for all**

This lecture will begin with the definition, history and evolution of Software Defined Radio (SDR). RF/microwave engineers will find it clear and understandable because analogies will be made to conventional classic radio systems and components. The lecture will introduce the concepts of oversampling and undersampling as it applies to SDR. There will also be an introduction and explanation of the firmware and software portions of SDR. A comparison with state-of-the art conventional analog circuitry will be shown. Several live demonstrations of SDR will be presented.

Software Defined Radio (SDR) is the culmination of advances on several fronts and probably the most significant area of development in radio systems today. The entire worldwide cellular system uses SDR. NASA and the US military communications are now almost exclusively using SDR.

In addition to his more than 40 years of work experience in analog, RF, and microwave engineering, Jeffrey Pawlan has been licensed as WA6KBL for 54 years. He has loved VHF, UHF, and microwave design, construction, and operation since 1961 when he first upgraded.



Cost: \$5.00 per person pay at the door.

Contact: Barbara Robinson KD6OKJ at 510-501-6745 or email me at <u>robar19@aol.com</u> to sign up by providing the number of people in your group and what dish you will be providing. Also let Barbara know if you can serve on the CLEAN UP crew.

Sign Up Deadline will be: December 7th

This year we have changed things up! So think about what you enjoy making for your family and bring it on down to this family.

We have electrical outlets for crock pots and warming dishes there is limited access to an oven or microwave. Suggested size of your dish should be for 10 to 12 people approx.

Coffee, Cold Drinks, Iced Tea, Plates, Bowls, Cups, Napkins, and Silverware will be provided by a club member.

We will need: Salads, Vegetables, Casserole/Crock Pot Main Dishes and Desserts

Already on the list is: French bread Fruit Beef Stew Green Salad Spaghetti

> LOCATION is Tara Hills Mobile Manor Reception Room 16401 San Pablo Ave. San Pablo, CA 94806

Directions: The Park is located at the corner of Tara Hills Dr. and San Pablo Ave. The entrance is on Tara Hills Dr.

From I-80 south exit at Appian Way: Use the middle **turn right lane** at the light. Immediately move into the **left turn lane: Turn left** onto Tara Hills. Go straight until you cross San Pablo Ave. The park entrance is on the left

From I-80 north exit at Appian Way, turn left at the signal. Turn left onto Tara Hills. Go straight until you cross San Pablo Ave. You are at the park.

There are a few parking spaces on the street around the Rec Room and 3 or 4 visitor spaces behind it. Main parking is on the street around the entrance of the park. Parking on the streets in the park is limited. Do not block any residence drive way if you park on any streets in the park.





ANARISM, CA (Near Disneyland) \$33 K. Easild St., \$2801 (714) 533-7373 (000) 854-80AE Janet, KL7MF, Mgc asabstm@temiradio.com

BUBBANK, CA 1525 W. Magnola BI, 01506 (818) 842-1786 Enio, KišEJC, Mgr. Magnolia between 6. Victory & Buena Vista berbeste/Plasmadis.com

BAKLANB, CA 2210 Livingston St., 94606 (510) 534-5757 (877) 892-1745 Nick, AMGDX, Mgr. 1-660 at 23rd Ave. mimp eckland Oftumradio.com

SAN DIEGO, CA 5375 Kearry Villa Rd., 92123 (858) 560-4300 Jarry, NSMCJ, Mgr. Hwy, 163 & Claremont Mesa watkiyo@hararaflo.com

SUNNYVALE, CA 510 Lawrence Exp. #102 (408) 738-9496 (117)Jan, KEWV, Mgr. So. from Hwy, 101 strenyvelo@bissnadle.com

NEW CASTLE, DE (Near Philadelphia) 1509 N. Daport Hwy., 19720 (302) 322-7042 Ken, N2OHD, Mgc HT 13 1/4 ml, So. H295 delaws s40 to media.com

PORTLAND, OR 11705 S.W. Pacific Hwy. 97223 (5/33) 508-0555 Leon, W7AD, Mgs Tigard-90W soft from Hery, 5 & 217 peritana Offenana dio.com

BENVER, CO 5400 E. INT Ave. #0, 80231 (303) 745-7373 444-9475 John W216, Mgr. damorð hannalis.com

PROENIX, AZ 10613 N. 43rd Ava., 85029 (602) 242-3515 7386 Gary, N76J, Mgr. Corner of 43rd Ave. & Peorla shassiz@tararedio.com

ATLANTA, GA 6071 Butord Hwy., 30340 (770) 263-0700 (800) 444-7927 Mark, KLHVO, Mgr. Doravlia, 1 ml. no. of I-285 attante/Deamadio.com

Woobballoge, VA (Near Washington D.C.) 14803 Build America Dr. 22191 (703) 643-1063 (880) 444-4799 Stave, W45H5, Mgr. Ext 161, 1-95, So. to US 1 vigislad to mudia, com

SALEN, NH (Near Boston) 224 R. Broadway, 03079 603) 898-9750 Steve, KtSMD, Mpr. Ext 1, 1-03; 28 rel. No. of Boston antore Desmandio.com

BUYING POWER STORE







TS-2000 HEAVHE/UHE TOVR

 100W HF, 6M, 2M + 50W 700M + 10W 1.2GHz w opt UT-20 module + Built-in TNC, DX packet cluster . IF Stage DSP - Backlit front key panel



TS-590S HF + 6M Transceiver

+ 100W HF + 6M + 500 Hz & 27 KHz roofing filter · Built-in auto tuner · Best dynamic range in class 32 bit DSP



TM-281A 2 Mtr Mobile

· 65 Wat · 200 Memories · CTCSS/DCS · Mil-Std specs . Hi-quality audio



TM-V71 A 2W440 Dual Band

· High RF output (50W) · Multiple Scan · Dual receive on same band (VxV, UxU) + Echolisk* memory (asto dialer) . Echolinke Sysop mode for node terminal ops

TH-F6A 2M/220/440

 Dual channel receive • .1 - 1300 MHz (cell blocked) RX + FM, AM, SSB + 5W 2W220/440 TX, FM • 435 Memories · Liflos Battery



ICOM

IC-7600 All Mode Transceiver

 100W HF/6m Transceiver, gen oav. receiver • Dual DSP 32 bit • Three roofing Filters- 3, 6, 15khz • 5.8 in WOVGA TFT display . Hi-res real time spectrum acope



DSP+D-STAR DV Mode (Digital Voice + Data) + Intuitive Touch Screen Interface - Built-is RTTY Functions.



IC-V8000 2M Mobile Transceiver

* 75 watts * Dynamic Memory Scan (DMS) + CTCSS/DCS encode/decode w/tone scan + Weather alert + Weather channel scan + 200 alphanumeric memories



ID-5100 A VHF/UHF Deal BandDigital Txovr

 Analog FW/D-Star DV Mode + SD Card Slot for Voice & Data Storage + 50W Output on VHF/UHF Banda + Integrated GPS Receiver + AM Airband Daalwatch + FM Analog/DV Repeater List Function

VHF/UHF Deal Band D-51A Transceiver

+ 5/2.5/1.0/0.5/0.1W Output + RX: 0.52-1.71. 88-174. 380-479 WHz** + AM/ FW/FM-N/WFWOV + 1304 Alphanumeric Memory Chis - Integrated GPS - D-STAR Repeater Directory = IPX7 Sebmensible Longer I





FTDX-3000 100W HF + 6M Transceiver

 100 Walt HF/6 Meters • Large and wide color LCD display * High Speed Speatrum Scope built-in *32 bit high speed DSP/Down Conversion 1st IF



FT-8800R 2M/440 Mobile

• V+U/V+WU+U operation • V+U full duplex • Cross Band repeater function + 50W 2W 35W UHF + 1000+ memory changels + WIRES ready



FT-4500 100W HF + 6M Transceiver

· 100W HF/6M · Auto tuser built-in · DSP built-in • 500 memories • DNR, IF Notch, IF Shift



FT-857D Ultra Compact HF//HF/UHF

· 100w HF/6M, s0W 2M, 20W UHF · DSP included · 32 color display · 200 stems · Detackable front panel (ruk-87 mquited)



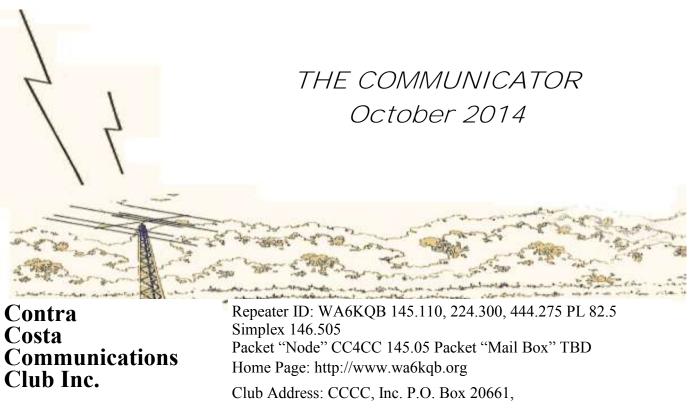
severe weather alert with alert scan







HF/50/144/430/440 MHz Multi-band, Multi-mode, IF



El Sobrante, CA 94820-0661

A NON-PROFIT CLUB DEDICATED TO SERVICE

Contra Costa Communications Club, Inc. P.O. Box 20661 El Sobrante, CA 94820-0661

POSTMASTER: ADDRESS CORRECTION REQUESTED

Next Regular Club Meeting: Oct. 12, 2014

Denny's on the corner of San Pablo Ave. and Potrero Ave in El Cerrito, CA 94530

Breakfast at 7:15 a.m. Club meeting at 8:00 a.m. Board meeting at 8:45