



Sunshine Committee



We sincerely hope this finds you well. We have missed many of you. We want you to know that we think about you often and you are in our prayers .

Burgie, KE6MSF

MAY MEETING

PIZZA NIGHT CLUB MEETING

WEDNESDAY MAY 11

Mountain Mike Pizza

1516 Fitzgerald Dr,

Pinole, CA 94564

5 PM to 7 PM

**(it is on the KMART
side of the Lucky's)**

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President's Blog

Hello my fellow Hams:

I hope everyone had a nice Easter. I hide Easter eggs with money in them for the teenagers. They loved that.

If you are eager to help, we will need a work party to help us whack those tall weeds and overgrown grass at the repeater site. Let's talk about it at our next meeting and hopefully we'll have some volunteers. I'll bring the coffee and I'll bring something homemade for us to enjoy with our coffee.

There will be a few of us going to the repeater site in a week or so to do some maintenance and a little of this and a little of that.

We will be holding another Pizza Party at Mountain Mike's in Pinole on Fitzgerald Drive in Pinole on **Wednesday May 11 from 5 p.m. – 7 p.m.** Our turnouts are always good. Please join us if you can. Bring your family and friends. It's an all you can eat night.

Roger Nelums, KE6SZG
President CCCC

2016 CONTRA COSTA COMMUNICATIONS CLUB, INC. DAILY AND WEEKLY NETS

DAYS	NET CONTROLLER	REPEATER/NET NAME/TIME
MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY	MICHAEL K6CUG CAROL KK6OLL BOB W6WTJ GARY KG6RJA DJ K6WSV	145.110 OVER-THE-HILL 7:10 AM
WEEKLY: MONDAY	DJ KJ6WSV	145.110 Digital Net 7:00 P.M.
WEEKLY: TUESDAY	ROTATES	224.300 OPEN NET 7:30 PM
WEEKLY - THURSDAY	MEMBERS ROTATE	145.110 WEST CONTRA COSTA CTY ECOMM 6:45 PM
WEEKLY - THURSDAY	ROBBY N6MNL FRED W6BBQ JEFF KJ6RHF OPEN MICHAEL K6CUG	145.110 CLUB NET 7:30 PM

Club Officers For 2016

President: Roger Nelums, KE6SZG (2018) 2 510-964-1476
 V. Pres: Don Hama KE6ZFP (2016) 2 510-526-6823
 Secretary: Burgie Jones KE6MSF (2016) 2 510-964-1476
 Treasurer: Audrey Nieman KF6MVH (2018) 1 510-223-1748
 Director: Robby Robinson N6MNL (2018) 2 510-222-4990
 Director: Mike Nicholson K6CUG (2017) 2 510-245-7012
 Director: DJ Djovida, KJ6WSV (2016) 1 510-237-4342

Trustee: Fred Nieman W6BBQ (2021) 510-223-1748

ECOMM Contra Costa County
 Mike McMillan K6MCM 510-223-3052

Repeater Controllers

Call to report any problems or concerns

Robby N6MNL 510-222-4990
 Fred W6BBQ 510-223-1748
 Bob AB4AL 510-374-9597
 Roger KE6SZG 510-964-1476
 Alan KJ6JIS 510-334-9933

Committee Chairperson

Membership:
 Audrey Nieman, KF6MVH 510-223-1748
 WA6KQB@comcast.net
 Technical Committee:
 (Chair) Alan Alsing KJ6JIS 510-334-9933
 Fred Nieman, W6BBQ 510-223-1748
 Roger Nelums KE6SZG 510-964-1476
 Packet:
 Roger Nelums KE6SZG 510-964-1476
 NARCC:
 Fred Nieman W6BBQ 510-223-1748
 Picnic:
 Fred Nieman, W6BBQ 510-223-1748
 Christmas:
 Barbara Robinson KD6OKJ 510-222-4990
 Newsletter:
 Victoria Thompson KE6FSU 510-326-2361

General Meeting March 9, 2016

This month our meeting was held at Mountain Mikes Pizza in Pinole. There were about 28 hams and families that came out to have pizza with us. It was a very enjoyable time.

Our next Pizza night will be Wednesday, May 11 at Mountain Mikes Pizza in Pinole from 5 p.m. to 7 p.m. I hope you will be able to join us for pizza. Bring your family and friends. We always have a good time.

Submitted by: Burgie Jones, KE6MSF

Members News

Happy Spring to all CCCC members!

It's great to hear Jan (AC5RB) and Jim (AC5QI) Kuhl back on the radio now that they are back in town! Jim is recovering after a fall while they were on their return trip and is getting stronger.

Congratulations to DJ Djovida (KJ6WSV) on passing the Extra Class test!

We hear that Peter Lucic (KG6KSI) is shopping for a new motorized set of wheels! Watch out world!

Several of our members recently served as VE's at University of California where engineering students are required to pass the test for a ham license as part of one of their courses. There were 50 students who passed the Technician test, 3 passed the General exam, and 5 advanced to Extra Class. Sharon Primbsch (AA6XZ) has organized this testing event for several years. See you all Sunday, April 10th at Denny's!

Audrey Nieman, KF6MVH
Membership Chairman

Article of Interest Director Michael, K6CUG

This article by Jennifer Hackett published March 14, 2016 in "The Atlantic" and appearing in other places is about Simulated Emergency Tests (SET). Members and CERT operators may find it interesting.

"In natural or man-made disasters, ham-radio enthusiasts put their hobby to work.

[The Amateur Radio Operators Preparing for the Worst](http://www.theatlantic.com/technology/archive/2016/03/ham-radio-disaster-preparedness/473598/)

If the link above doesn't work this one might or you can copy and past it in your browser.

<http://www.theatlantic.com/technology/archive/2016/03/ham-radio-disaster-preparedness/473598/>

EVENTS

Amateur Radio Test Sessions

EBARC, ORCA, and ARCA sponsored
ARRL VEC Amateur Radio Test Sessions
Info at 510-918-4627 or 510-741-8227.
Media Room (Oakland Fire Dept.)
1605 Martin Luther King Jr. Way (at 16th St.)
Oakland, CA 94612

All VE Sessions are held on Sundays at 9 am local time on
the following dates for 2016:
April 24th
July 24th
October 23rd

Bring a government issued photo ID, and either your Social Security Number or FCC Registration Number (FRN). For upgrades, bring your original license and a photocopy of it or a valid CSCE from a prior exam and a photocopy of it. Also bring a pen and pencil and calculator (optional).

HAM RADIO OUTLET

MARCH IS YAESU MONTH AT HRO!



FTDX5000MP Limited | 200W HF + 6M Txcvr

- Internal Power Supply • Two Totally Independent Receivers • Super Sharp "Roofing" Filters • High Performance Yaesu Custom-designed 32-bit Floating Point DSP • True Analog Meter Precision



FTDX3000 | 100W HF + 6M Transceiver

- 100 Watt HF/6 Meters • Large and wide color LCD display • High Speed Spectrum Scope built-in • 32 bit high speed DSP /Down Conversion 1st IF **Call For Low Pricing!**



FT-991 | HF/50MHz/2M/440 Transceiver

- 160 M-440MHz - SSB/CW/AM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/4440: 50 Watts) • 3.5" TFT full-color touch panel operation • High speed spectrum scope • Roofing filters: 3kHz & 15kHz • 32-bit high speed floating point IF DSP • 160-6 meter high speed automatic antenna tuner



FTDX1200 | 100W HF + 6M Transceiver

- Triple Conversion Receiver With 32-bit Floating Point DSP • 40 MHz 1st IF with selectable 3 kHz, 6kHz & 15 kHz Roofing Filters • Optional FFT-1 Supports AF-FFT Scope, RTTY/PSK31 Encode/Decode, CW Decode/Auto Zero-In • Full Color 4.3" TFT Display



FT-450D | A100W HF + 6M Transceiver

- 100W HF/6M • Auto tuner built-in • DSP built-in • 500 memories • DNR, IF Notch, IF Shift **Call For Pricing!**



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

- 100w HF/6M, 50W 2M, 20W UHF • DSP included • 32 color display • 200 mems • Detachable front panel (YSK-857 required) **Call For Our Low Price!**



FT-2900R | Heavy-Duty 75W 2M FM Transceiver

- Massive heatsink guarantees 75 watts of solid RF power • Loud 3 watts of audio output for noisy environments • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



FTM-1000R | C4FM FDMA/FM 144/430 MHz Txcvr

- Power Packed System Fusion Transceiver • High Audio Output Power • Rugged Powerful Transmitter • Integrated 66ch High Sensitivity GPS • 1200/9600 APRS Data Communications • Voice Guide and Recording Function *Optional FVS-2 Required • Digital Group Monitor (GM) Function • Digital Clock & Timer Functions



FTM-400DR | 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band



FT1DR | 144/430 5W Digital Transceiver

- C4FM/FDMA • 1200/9600bps AX.25 APRS & GPS Recvr Built-in • Dual Band Operation w/Dual Receivers (V-V/U-V/V+U) • Wideband Receive/AM Bar Antenna/Aircraft Receive • 1266 Memory Channels w/16 Char Alpha Tagging **Also Available in Silver!**



FT-2DR | C4FM/FM 144/430 MHz Txcvr

- Analog/C4FM Dual Monitor (V-V/U+U/V+U) • System Fusion compatible • 1200/9600 APRS Data Communications • Integrated 66ch High Sensitivity GPS • Wide Band Receiver • Snapshot Picture Taking Capability With Optional MH-85A11U



VX-8DR | 50/144/220/440

- 50/144/220/440 • 5W (1W 222 MHz) • Bluetooth optional • Waterproof/ submersible (3' for 30 min) • GPS APRS operation optional • Li-Ion Hi-capacity battery • Wide band Rx



FT-60R | 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan



- RETAIL LOCATIONS – Store hours 10:00AM - 5:30PM - Closed Sunday
- PHONE – Toll-free phone hours 9:30AM - 5:30PM
- ONLINE – WWW.HAMRADIO.COM
- FAX – All store locations
- MAIL – All store locations

YAESU
The radio



ANAHEIM, CA (800) 854-6046	OAKLAND, CA (877) 892-1745	SUNNYVALE, CA (877) 892-1749	PORTLAND, OR (800) 765-4257	PHOENIX, AZ (800) 558-7388	WOODBRIIDGE, VA (800) 444-4799	PLANO, TX (877) 455-8750
BURBANK, CA (877) 892-1748	SAN DIEGO, CA (877) 520-9623	NEW CASTLE, DE (800) 644-4476	DENVER, CO (800) 444-9476	ATLANTA, GA (800) 444-7927	SALEM, NH (800) 444-0047	ONLINE STORE WWW.HAMRADIO.COM

Toll-free including Hawaii, Alaska and Canada. Call will be routed to the nearest store. All HRO 800-lines can assist you. If the first line you call is busy, you may call another. AZ, CA, CO, GA, TX, VA residents add sales tax. Prices, specifications and descriptions subject to change without notice.

HAM RADIO OUTLET

14 STORE BUYING POWER!



IC-7851 | HF/50MHz Transceiver

- 1.2kHz "Optimum" roofing filter • New local oscillator design • Improved phase noise • Improved spectrum scope • Dual scope function • Enhanced mouse operation for spectrum scope • More features



IC-7200 | HF Transceiver

- 160-10M • 100W • Simple & tough with IF DSP • AGC Loop Management • Digital IF Filter • Digital Twin PBT • Digital Noise Reduction • Digital Noise Blanker • USB Port for PC Control



IC-PW1 | HF/50 MHz Amplifier

- Wide freq. coverage - 1 kW from 1.6 MHz to 50 MHz (amateur bands only) • Wide ALC adjustable range • Full duty cycle • Auto antenna tuner built-in • Auto AC input voltage selector is employed • Current (Ip), Voltage (Vp), temperature, SWR and output power protectors are available



IC-7700 | HF/50MHz Transceiver

- The Contestor's Rig • HF + 6m operation • +40dBm ultra high intercept point • IF DSP, user defined filters • 200W output power full duty cycle • Digital voice recorder



IC-718 | HF Transceiver

- 160-10M* • 100W • 12V operation • Simple to use • CW Keyer Built-in • One touch band switching • Direct frequency input • VOX Built-in • Band stacking register • IF shift • 101 memories



IC-2300H | VHF FM Transceiver

- 65W RF Output Power • 4.5W Audio Output • MIL-STD 810 G Specifications • 207 alphanumeric Memory Channels • Built-in CTCSS/DTCS Encode/Decode • DMS



IC-7600 | All Mode Transceiver

- 100W HF/6m Transceiver, gen cov. receiver • Dual DSP 32 bit • Three roofing filters- 3, 6, 15kHz • 5.8 in WVGA TFT display • Hi-res real time spectrum scope



IC-7100 | All Mode Transceiver

- HF/50/144/430/440MHz Multi-band, Multi-mode, IF DSP • D-STAR DV Mode (Digital Voice + Data) • Intuitive Touch Screen Interface • Built-in RTTY Functions



ID-880H | Analog+Digital Dual Bander D-STAR

- D-STAR DV mode operation • DR (D-STAR repeater) mode • Free software download • GPS A mode for easy D-PRS operation • One touch reply button (DV mode) • Wideband receiver • **D-STAR ready**



IC-9100 | The All-Round Transceiver

- HF/50MHz 144/430 (440) MHz and 1200MHz** coverage • 100W on HF/50/144MHz, 75W on 430 (440) MHz, 10W on 1200MHz** • Double superheterodyne with image rejection mixer



ID-5100A Deluxe | VHF/UHF Dual Band Digital Xcvr

- Analog FMD-Star DV Mode • SD Card Slot for Voice & Data Storage • 50W Output on VHF/UHF Bands • Integrated GPS Receiver • AM Airband Dualwatch • FM Analog/DV Repeater List Function



IC-V80 | HD 2 Meter FM Transceiver

- Tough construction • 750mW loud audio • Powerful 5.5W of output power • IP54 and MIL-STD-810 rugged construction • Built-in CTCSS/DTCS • WX channel & weather alert function



IC-7410 | HF/50MHz Transceiver

- 32-bit floating point DSP unit • Double Conversion Super-Het Receiver • Built-in 15kHz 1st IF Filter • Built-in Band Scope • Large, multi-function LCD • RTTY Demodulator/Decoder • USB for PC control



IC-2730A | VHF/UHF Dual Band Transceiver

- VHF/VHF, UHF/VHF simultaneous receive • 50 watts of output on VHF and UHF • Optional VS-3 Bluetooth® headset • Easy-to-See large white backlight LCD • Controller attachment to the main Unit with optional MBA-4 • Wideband receiver



IC-51A Plus | VHF/UHF Dual Band Xcvr

- 5/2.5/1.0/0.5/0.1W Output • RX: 0.52-1.71, 88-174, 380-479 MHz** • AM/FM/FM-N/WFM/DV • 1304 Alphanumeric Memory Chls • Integrated GPS • D-STAR Repeater Directory • IPX7 Submersible • **D-STAR ready**



IC-31A | UHF Digital Transceiver

- 5W Output Power • FM Analog Voice or D-STAR DV Mode • Built-in GPS Receiver • IPX7 Submersible • 1,252 Alphanumeric Memory Channels • **D-STAR ready**



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*Except 50M Band. **Frequency coverage may vary. Refer to owner's manual for exact specs. **Optional UK-8100 required. • Instant savings expires 3/31/16. Contact HRO for promotion details. ©2016 ICOM. The Icom logo is a registered trademark of Icom Inc. 70682. Toll-free including Hawaii, Alaska and Canada. Call will be routed to the nearest store. All HRO 800-854-6046 are toll-free. If the first line you call is busy, you may call another. AZ, CA, CO, GA, TX, VA residents add sales tax. Prices, specifications and descriptions subject to change without notice.



THE COMMUNICATOR
April 2016

**Contra
Costa
Communications
Club Inc.**

Repeater ID: WA6KQB 145.110, 224.300, 444.275 PL 82.5
Simplex 146.505
Packet "Node" CC4CC 145.05 Packet "Mail Box" CC4CC
Home Page: <http://www.wa6kqb.org>
Club Address: CCCC, Inc. P.O. Box 20661,
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: April 10, 2016

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