



### *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**

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## President's Blog

Happy Mothers Day!!!

I hope everyone has an enjoyable day!! We, as in Doug Slusher KF6AKU, Alan Alsing KJ6JIS, and I, have been busy working on the hill. We spent a weekend working on the equipment. We have been doing maintenance and working to enhance our radios. I have been told that Marin has some trouble hearing us on the 440. We are currently working to fix the situation.

We do need a few volunteers to help with the weed whacking on the hill. If anyone is interested, please send me an email to let me know, and we can set up a time that is good for everyone. I'm keeping Burgie to her agreement to make us something homemade to eat while we are taking care of the weeds and such.

**REMEMBER.....**This month our meeting will be held Wednesday, May 11 at Mountain Mikes Pizza in Pinole on Fitzgerald Dr. It is an all-you-can-eat for around \$11. Our meeting will be from 5 p.m. – 7 p.m. Please bring your family and friends. We always have a good time and good food. We look forward to seeing you at our meeting.

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

April 10, 2016

The meeting was called to order by President Roger at 8:13 A.M. There were 17 members in attendance, and 2 guests, Alan Carter, KJ6OKY and Platon Kavvadias, KK6TPG.

The minutes of the previous meeting were approved as printed in The Communicator.

## Treasurer's Report

### Receipts:

Advertising	\$150.00
Donation:	\$ 20.00
Repeater Fund	\$ 40.00
Dues:	\$250.00
Total Receipts:	\$460.00

### Expenses:

Liability Insurance	\$300.00
Equipment Insurance:	\$190.06
Total expenses:	\$490.06

### Committee Reports:

Membership: The Roster has been sent out by email. Some members do not recall receiving it. We will send it again.

Net Controllers: Robbie Robinson reminded everyone to check in to the 220 Net at 7:30 P.M. on Tuesdays. DJ Djovida would like more participation in the FLDIGI Net on Mondays at 7 P.M. on 444.275.

Technical committee: Alan Alsing reported that the committee is set to go up on the hill to make some improvements as soon as weather conditions permit.

Old Business: None

New Business: President Roger presented a request for funds for the technical committee for items needed for ongoing maintenance and storage for \$467.00 and for security for \$440. Audrey Nieman made a motion to approve funds not to exceed \$800 and Randy Jenkins seconded the motion. Motion passed unanimously.

Announcements: Volunteers are needed for May 1st for the Grizzly Peak Century and for June 4th for the Boy Scout Hike. To volunteer, contact Randy Jenkins or go to [www.w6sg.net](http://www.w6sg.net) website, and on the Public Service page, you can volunteer.

Progressive drawing: Nathan Belcher won, but he was not in attendance. The next prize amount will be \$25.00.

The discounted breakfast was won by guest, Platon Kavvadias, KK6TPG.

The meeting was adjourned at 8:35.

Respectfully submitted by Audrey Nieman, substituting for Burgie Jones.

## Members News

Hello to all of you Hams out there!

Welcome to our newest members: James Fast, KK6NDG who holds a general class license. His wife Janice is working on getting her license.

Aaron Carter, KJ6OYK, who attended our last meeting and has a Tech license.

I hope many of you will come and meet them at the next Pizza Night on May 11th from 5-7 P.M. at Mountain Mike's Pizza in the Pinole Vista Center, next to Lucky Store. This replaces the Sunday breakfast meeting, cancelled for Mother's Day.

We hear that Jim Kuhl, AC5QI, is up bright and early walking around their Trailer Park in American Canyon, and Jan Kuhl, AC5RB, is trying to reorganize many boxes and crates of sewing and crafting supplies so she can start creating new masterpieces, now that they have settled down. No more roaming the country!

DJ Djovida KJ6WSV, has improved the membership application form on the [www.WA6KQB.org](http://www.WA6KQB.org) website so members can fill in the form online and email it to the club email

[WA6KQB@comcast.net](mailto:WA6KQB@comcast.net).

Membership continued...

For those members who use their bank's bill pay, checks can then be sent to the P.O. Box directly. Otherwise mail the form and check when renewing next year. All the latest information is available on the website including newsletters, bylaws, standing rules, photos, and events, so I hope you'll check it out regularly.

Summer means public service time again. If you want to find a service opportunity, tie a rope on DJ's bumper and he'll take you to all the events! Most public service events require only 2-4 hour commitments, just a short time for big results. Or contact Randy Jenkins, KA6BQF. <http://jrabold.net/ks6m/hampse/KA6BQF.shtml>

Thanks to Roger Nelums, KE6SZG, Alan Alsing, KJ6JIS, and Doug Slusher, KF6AKU, who went to the hill recently and did some "fixin'" Now we need either a herd of goats or Hams with weed eaters to cut down weeds on the hill for fire prevention. So if you have a goat or a weed eater, contact Roger Nelums, KE6SZG.

Hope to hear you on the radio.  
Audrey Nieman KF6MVH,  
Membership Chairman

### From Mt Diablo Amateur Radio Club

Ham Radio "EXTRA License" Training class starts Thursday 08/04/2016 at 06:30 PM  
The EXTRA license is the 3rd and *highest* level Ham license) Morse Code is no longer required. Registration required so we can electronically send you class links and notices -  
Email: [HamRadioClass@gmail.com](mailto:HamRadioClass@gmail.com) and you will receive a registration form.

Classes are held at The Salvation Army Corps,  
3950 Clayton Rd., Concord CA 94521,  
Fireside Room  
Registration required -  
Email: [HamRadioClass@gmail.com](mailto:HamRadioClass@gmail.com)

### 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:  
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).



### National Parks on the Air Update

This past weekend marked the end of National Parks Week. NPOTA Activators helped bring visibility to the parks with one of the most active NPOTA weekends yet. There are now nearly 295,000 QSOs in Logbook of the World for National Parks on the Air -- an amazing total.

The National Parks Conservation Association (NPCA), an independent non-profit organization, wrote a great story about National Parks on the Air for its membership. Thanks to Jennifer Errick and Sam Chiron at NPCA for their coverage!

ARRL is still accepting photos and video of NPOTA activations for display in the NPOTA ARRL EXPO booth at Dayton Hamvention®. E-mail with photos or information about your video content, and we will be in touch. Video should be HD, no more than 5 minutes long, have high production values, and tell the story of both Amateur Radio and the NPS unit being activated. Deadline for submissions is May 15.

## National Parks Con't.

There are 56 activations on the schedule for the week of April 28-May 4, including the International Peace Garden (AA12) in North Dakota, and the Sand Creek Massacre National Historic Site (NS64) in Colorado.

Details about these and other upcoming activations can be found on the NPOTA Activations calendar.

Keep up with the latest NPOTA news on Facebook. Follow NPOTA on Twitter (@ARRL\_NPOTA). -- Thanks to Sean Kutzko, KX9X

2016 ARRL Field Day is June 25-26



ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Follow Field Day on Facebook and Twitter! ARRL has created a Field Day event on Facebook, and you can also join the conversation by using the hash tag #ARRLFD. Share your plans, tips and tricks to a successful Field Day!

Memorial Day  
May 30, 2016  
Remembering  
All who have  
served , all the  
lost loved ones,  
and the many  
wounded.



May 21, 2016

56 nations of the world have an annual Armed Forces Day in honor of their military forces.

In the United States, Armed Forces Day is celebrated on the third Saturday in May. It marks the end of Armed Forces Week, which begins on the second Saturday of May.

First observed on 20 May 1950, the day was created on 31 August 1949, to honor Americans serving in the five U.S. military branches: the U.S. Army, U.S. Navy, U.S. Marine Corps, U.S. Air Force and U.S. Coast Guard and following the consolidation of the military services in the U.S. Department of Defense. It was intended to replace the separate Army-, Navy-, Air Force-, Marine Corps- and Coast Guard Days, but the separate days are still observed, especially within the respective branches.

The first Armed Forces Day was celebrated by parades, open houses, receptions and air shows. The United States' longest running city-sponsored Armed Forces Day Parade is held in Bremerton, Washington. In 2016, Bremerton will celebrate the 68th year of the Armed Forces Day Parade.

Because of their unique training schedules, National Guard and Reserve units may celebrate Armed Forces Day/Week over any period in the month of May.



# 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**



### ID-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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- PHONE - Toll-free phone hours 9:30AM - 5:30PM
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- ONLINE - WWW.HAMRADIO.COM
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\*Except 50M Band. \*\*Frequency coverage may vary. Refer to owner's manual for exact specs. \*\*Optional UK-9100 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-Numbers 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*  
*May 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: MAY 11, 2016**  
**Mountain Mike Pizza 1516 Fitzgerald Dr, Pinole, CA 94564 5 PM to 7 PM**