



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

PIZZA NIGHT CLUB MEETING MARCH 9

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:

Happy Easter everyone!!!

Happy St. Patrick's Day!!!

It was good to see you at the meeting in February. We always have a good time and enjoy the food at Denny's.

Please remember that our monthly meeting for March will be on March 9 at Mountain Mike's Pizza in Pinole from 5 p.m. to 7 p.m. It's an all-you-can-eat pizza night. We always have a lot of fun and laughs. Please feel free to bring your family & friends.

I'll be on vacation the end of March and plan to go up on the hill to do some cosmetic work and fine tuning. If anyone is interested in meeting me up there, please let me know and we'll set a time and day

Roger Nelums, KE6SZG President CCCC

**Mt Diablo Amateur Radio Club - SATERN
Ham Radio General Class**

License Training starts:

**Thursday 03/31/2016 at 06:30 pm
(The General license is the second level
Ham license)**

**The Salvation Army Corps, 3950
Clayton Rd., Concord CA 94521, Fireside
Room**

**Registration required -
Email: HamRadioClass@gmail.com**

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 Hamma 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 707-552-1403
 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 Minutes February 14, 2016

The meeting was called to order by President Roger Nelums, KE6SZG at 8 a.m. Introduction were made around the room.

Previous minutes were accepted as printed in the C.C.C.C. newsletter.

Treasurers Report:

Checking: \$6,971.47: Savings \$579.39. Repeater Fund: \$40. Thank you all for donating to the repeater fund.

Our roster will be prepared for next month. There are three members who have not renewed as of yet. Our roster will be sent via email.

The 220 net is going on every Tuesday evening @ 7:30 p.m. If you have a 220 radio, please try to check in. We'd love to hear from you.

We also have a digital net on Mondays. Please try to check into the digital net also.

And of course, our regular morning nets Mon. - Fri. We'd love to hear from you.

There was talk regarding a Woman's Net. Everyone is welcome. More on that later.

We will hold our annual club picnic on Sunday, August. 14 in lieu of our regular monthly meeting.

Discounted Breakfast: Robby Robinson N6MNL: Progressive Raffle: Chris Wim-

mer, AB6JG, who was not present. Our next progressive raffle will be \$30. Meeting adjourned @ 8:31 a.m.

Submitted by: Burgie Jones, KE6MSF

Members News

Some interesting news comes out of the morning net, and many of us listen more than talk. Recently we learned that Carol Lucic, KK6OLL, celebrated her 65th birthday and threw a party for herself at church. She treated everyone to her wonderful carrot cake which had rave reviews at the CCCC/EBARC picnic last summer. And then there's DJ Djovida(KJ6WSV). You never know where you'll find him on any Friday morning. Last week, he had to take his dog to the dentist. He reported that it was quite an ordeal involving anesthesia and a long appointment costing much more than cleaning human teeth. But all went well.

Doug Slusher (KF6AKU) and Alan Alsing (KJ6JIS) made a rare appearance at the February 4 C's breakfast. They probably heard there would be a special Valentine treat. Burgie Nelums (KE6MRH) made delicious chocolate cupcakes topped with a heart sucker. It was fun watching adults enjoy their lollipops. While Alan sat with the guys and talked radios at one end of the table, Doug sat with the women and talked about the good life. He is busy settling up his mother's estate. Bob Szentimrey (W6WTJ) is also busy at his El So-brante home remodeling the kitchen. He is also working on installing a radio tower, but after having the hole dug by a backhoe, it rained and he had to redo it before he could pour the cement. Or maybe he should turn it into a fish pond.

Fred Nieman, W6BBQ, was so enamored of Barbara Robinson's (KD6OKJ) new Prius that he had to buy a new Prius for himself. Now he has to figure out where to install the radios. He says he will check with Robby (M6MNL) to see where he put his radios in Barbara's car.

The hams who attended the SIRARC lunch last Friday in Napa learned that Ron Rogers (W6BIS) who owns the Napa repeater has won an all-expenses paid trip for two to New York. Actually his wife won the trip on a radio station and she's taking Ron. They plan to see some Broadway shows while they're there.

Happy Birthday to Betty Clark who is celebrating her 90th birthday on March 6th. She is the wife of Silent Key, Stan Clark (KB6SEI).

The recent ACS drill became interesting when Fred Nieman (W6BBQ) found some of his digital files had disappeared from his computer, and DJ Djovida, KJ6WSV, had trouble getting anyone to answer on the assigned frequency, so he had to change radios.

Thanks to everyone for sending in your renewals!

Audrey Nieman, KF6MVH
Membership Chairman

TREASURES REPORT January—February

| Income | Expenses; None | |
|------------------|----------------|----------------------------|
| January Meeting | \$ 28.00 | |
| February Meeting | \$ 40.00 | Savings Balance 579.37 |
| Dues | \$ 430.00 | Checking Balance \$7670.86 |
| Donations | \$ 25.00 | (includes Memorial Fund of |
| Total | \$ 523.00 | \$2369.00) |

CCCC sends Thank You to
Kelly Tuttle, WB6AAJ for your donation!

EVENTS

Ham Radio General Class License Training
Thursday 03/31/2016 at 06:30 pm
(The General license is the second level Ham license)

The Salvation Army Corps, 3950
Clayton Rd., Concord CA 94521, Fireside
Room

Registration required -
Email: 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:

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/FM/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

- 6SW 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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- ONLINE - WWW.HAMRADIO.COM
- FAX - All store locations
- MAIL - All store locations



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| 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 |

*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-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
March 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: March 9, 2015
Mountain Mike's Pizza 1516 Fitzgerald Dr, Pinole, CA 94564
5 PM to 7 PM