

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIV NUMBER 12

DECEMBER 2016

EBARC Meeting

December 10, 2016, 11:30 a.m.
"Joint Party with 4Cs and EBARC
election results"

*EBARC meets this month at Tara Hills Mobile Home Park,
16401 San Pablo Ave., San Pablo (enter @ Tara Hills Dr.)*

The Executive Board meets monthly before each general meeting. For the date,
time, & location, contact President Jay Sparks, KJ6HSH, at 384-4233.



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El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Jan. issue: Fri., Dec. 16th

[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

December 10th EBARC Meeting Peter Hoffman, W6DEI

Instead of our normal meeting date and place in December, we will be joining the 4Cs for our holiday party. It's at 11:30 a.m. in the Tara Hills Mobile Home Park community room, 16401 San Pablo Ave., San Pablo (enter across from Tara Hills Drive). See the article, below, to sign up by Dec. 3rd.

At this meeting, we will count the mail-in ballots and announce and install the new 2017 EBARC Executive Committee officers.

President's Message Jay Sparks, KJ6HSH

Because of short notice of the temporary closure of the El Sobrante Library meeting place, we've had to make some quick

adjustments to our meeting places and times. See Peter's information on pp. 2-3 of this newsletter for details. Full information is on the EBARC website.

We send a big thanks to the Marin Amateur Radio Society (MARS) for hosting our November meeting! Their historic clubhouse is absolutely amazing and shows what is possible with teamwork and dedication.

At the October General meeting, EBARC members voted to offer a one-year complimentary membership in EBARC (for the rest of 2016 and 2017) to the Cal students who pass their license exam at the November 03 VE test. After that they will be able to continue their membership (if wanted) at the "Student Rate", as long as they are still students (with an emailed copy of *The Blown Fuse*, monthly).

The launch date for the High Altitude Balloon Launch, HENRY-1, has been postponed to Pi Day, March 14, 2017. The launch will be from the UC Berkeley Campus. I'll have more information in a future *Blown Fuse* and via email.

Please vote for EBARC officers, if you haven't done so already. The membership renewal form for 2017 is included in the ballot mailing.

I'm sorry to miss the December 10th party and meeting. I hope everyone has safe and Happy Holidays.

January - April EBARC Meetings Peter Hoffman, W6DEI

MEETING VENUE AND DATE CHANGE!

Because the El Sobrante Library will be unavailable for our meetings for the next few months we've found

another nearby location. We will be meeting at the El Sobrante United Methodist Church on the 4th Friday of each month from January through April. (NOTE THE DATE CHANGE TOO). The location is:

**El Sobrante United
Methodist Church
670 Appian Way
El Sobrante
Parking entrance is at 5151
Argyle Road**

In May we should be able to return to our usual location and schedule, i.e., the El Sobrante Library on the 2nd Friday of each month.

**ThumbNet
Wade VanLandingham, W4VNO**

My name is Wade VanLandingham, and I manage a non-profit organization called ThumbNet. ThumbNet was born to encourage students around the world to look up at the stars and to give them a chance to feel that they are part of something larger. The hardware to track and monitor radio signals from satellites in orbit is donated to the schools by ThumbNet, and with over 225 volunteer groups in more than 72 countries, we're having an immediate and positive effect on the lives of hundreds of students around the globe!

A new receiver for Software Defined Radio (SDR) is used by ThumbNet. This N3 SDR receiver is unique in its design, and it is competitive in cost with the majority of the SDR dongles on Amazon or eBay. We design and produce updates of the receiver to meet the

needs of the ThumbNet network (this is the 3rd generation). However, due to minimum order quantities from the manufacturer, we end up with several hundred more than we need each time we order. So as to not have thousands of SDR radios laying around, I try to offer them to others that share our education efforts (like Girl Scouts) or simply may have an interest in working with them (like HAM clubs). The small proceeds that remain go right back into the project to support its continued outreach and growth, and not into someone's retirement fund. Your club members may wish to visit <http://www.thumbnet.com/thumbnet> and <http://www.nongles.com> to learn more and consider supporting ThumbNet. Reviews are also beginning to appear on various SDR blogs such as <http://www.rtl-sdr.com>.

**4Cs/EBARC Christmas Party
and EBARC Meeting**

December 10th; open at 11:30; eat at noon
Tara Hills Mobile Home Park
16401 San Pablo Ave., San Pablo
(enter across from Tara Hills Dr.)
\$5.00 each, collected at the door
Sign up by Saturday, December 3rd

This is a potluck. For those of you who bring warm/hot dishes, please provide your own heating source if possible. Crock Pots worked great last year. There is an oven and microwave available, but they can be quite busy and must be cleaned after use. Plan your dish to feed 8 to 10 people. Coffee, water, and ice will be provided. Bring your own soda. Rolls, butter, plates, silverware, and cups will also be provided. Email or call Burgie Jones burgie0001@yahoo.com with your dish and the number of persons in your party. Her phone is 510-964-1467 (you can leave a message). Suggestions only - please feel free to bring your favorite dish; turkey, ham, vegetarian dish, casserole, vegetable, white or sweet potato dish (roasted, steamed, mashed, gratin, or scalloped), soup, salad, fruit, relish or

vegetable plate, pies, brownies, cookies, or cake.

Parking within the park is limited to spaces directly along the building and on the right side of Tara Hills Drive. These spaces should be used first by our disabled members. No parking is allowed in front of any home. The streets can be narrow for emergency equipment, so there is parking only on one side of the street.

There is ample parking in the shopping center across San Pablo Ave. Please consider carpooling with friends.

2017 EBARC Officers' Election

Be sure your ballot arrives by Dec. 6th for the EBARC election. Candidates on the ballot are;

Jay Sparks, KJ6HSH, President
Peter Hoffman, W6DEI, 1st VP
Ken Fowler, KO6NO, 2nd VP

Sharon Primbsch, AA6XZ, 3rd VP
Ron Antaki, KK6NDJ, Secretary
Randy Jenkins, KA6BQF, Treasurer

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

Future Bay Area Events

- Current Bay Area Public Service Events: See www.ebarc.org, click on "Current Events", then scroll to "Public Service."
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. in the Media Room, 1605 Martin Luther King Jr. Way (at 16th St.), Oakland. The test dates for 2017 are; Jan. 22nd, Apr. 23rd, Jul. 23rd, and Oct. 22nd. The fee for 2017 will probably still be \$15. Info: 510-918-4627 or 510-741-8227.
- CoCoCo RACES Training: Details from mcmillan50y@yahoo.com or via RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$30 for individual membership, \$35 for a family membership, and \$10 for students K-12. For information, send email to ebarcw6cus@gmail.com, contact any EBARC officer, see Web page www.ebarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus.

2016 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President..... 384-4233
 Peter Hoffman, W6DEI, 1st VP - Program Chair / Webmaster..... 525-0694
 Stanton Gleason, KD6SWU, 2nd VP - Hospitality / Club Station Mgr..... 385-4044
 Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor..... 741-8227
 Ron Antaki, KK6NDJ, Secretary..... 375-3756
 Randy Jenkins, KA6BQF, Treasurer / Finance Committee Chair..... 526-4089
 Robin Spalding, N6RLS, Member-at-Large..... 528-1144
 Ken Fowler, KO6NO, Member-at-Large..... 222-0830

2016 EBARC's Other Committee Heads and Contacts

Jack Burris, K6JEB, W6CUS Trustee..... 415-305-2547
 Field Day Chair, KO6NO, Ken Fowler..... 222-0830
 Silent Key Chair
 Awards Chair.....
 Social & Digital Committees Chair
 RFI Committee Chair.....
 Historian.....

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa EMCOMM Net	Thurs	1845 (PL 82.5-)	145.110
KARO/ECHO ARES/RACES Net	Thurs	~1900 simplex	146.415
EBARC "Explore Net" (HF)	Mon	1930 (USB)	28.425
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8+)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77-)	146.880
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5-)	145.110
Tech Net	Thurs	2000 (PL 82.5-)	145.110
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5-)	145.110
Northern Calif. Net VHF Session (traffic)	Daily	1930 (PL 107.2-)	145.410
"QRM Net"	Tues	1930 (PL 82.5-)	224.300
9 a.m. Talk Net	Mo-Fr	0900 (PL 100.0-)	145.230
Youth Net	Sat	1400 (PL 100.0-)	145.230

RACES, West CoCoCo: Mike McMillan, K6MCM, mcmillan50y@yahoo.com, phone 510 223-3052.
 Frequencies: #1=145.110-, #2=147.570s.

HAM RADIO OUTLET

14 STORE BUYING POWER!

ICOM



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 WQVGA TFT display • Hi-res real time spectrum scope



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-7100 | All Mode Transceiver

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



ID-5100A | VHF/UHF Dual Band Digital Transceiver

• Analog FM/D-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

ID-51A | VHF/UHF Dual Band Transceiver

• 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



KENWOOD



TS-590SG | HF/50MHz Transceiver

• Equipped with 500 Hz/2.7 kHz roofing filter as standard • ALC derived from TS-990S eliminating spike issues • Antenna output function (shared with DRV connector) • CW - morse code decoder function



TM-D710G | 2M/440 Dualband

• V+V/V+U/U+U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions



TM-V71A | 2M/440 Dualband

• High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops • Invertible front panel • Choice of green/amber for LCD panel • 104 code digital code squelch



TM-281A | 2 Mtr Mobile

• 65 Watt • 200 Memories • CTCSS/DCS • Mil-Std specs • Hi-quality audio

TH-F6A | 2M/220/440

• Dual channel receive • .1 - 1300 MHz (cell blocked) RX • FM, AM, SSB • 5W 2M/220/440 TX, FM • 435 Memories • Li-Ion Battery



YAESU
The radio



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

• 160 M-440MHz - SSB/CW/FM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/440: 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



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



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

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
- FAX – All store locations
- ONLINE – WWW.HAMRADIO.COM
- MAIL – All store locations



ANAHEIM, CA
(800) 854-6046

OAKLAND, CA
(877) 892-1745

SUNNYVALE, CA
(877) 892-1749

PORTLAND, OR
(800) 765-4267

PHOENIX, AZ
(800) 559-7388

WOODBIDGE, VA
(800) 444-4799

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(877) 455-8750

BURBANK, CA
(877) 892-1748

SAN DIEGO, CA
(877) 520-9623

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(800) 644-4476

DENVER, CO
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SALEM, NH
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WWW.HAMRADIO.COM

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