

THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
L
F

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXVI NUMBER 10

OCTOBER 2018

EBARC Meetings

October 12, 2018, 7:30 p.m.
"Open Mic Night"
EBARC Members



EBARC meets this month at El Sobrante United Methodist Church, 670
Applan Way, El Sobrante (enter parking opposite 5156 Argyle Rd.)

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

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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 Nov. issue: Tue., Oct. 23rd

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

Temporary Meeting Place!

El Sobrante United Methodist Church
670 Appian Way, El Sobrante
Parking entrance is opposite 5156 Argyle Rd.
GPS coordinates: 37.981938, -122.294720

October 12th EBARC Meeting Peter Hoffman, W6DEI

"Everybody has a story to tell" may be a cliché, but I really think it's true, especially for a group of ham radio operators. I'm really hoping a lot of you will step up and offer a short story at the October meeting. I've given you two examples (a QSO with TI2CC, whose house in Costa Rica I had walked past many times, and "How I Worked Tajikistan") both of which were kind of light, personal, and not very technical. However, that's not the only kind of story we'd like to hear.

Just in our introductions at the September meeting, we got a taste of a few interesting stories. Our newest member Albert, N6SX, spoke about trying to get a viable station set up at one of the campus buildings at Cal. Rick,

KD6UL, talked a bit about his research into the best batteries to use for a QRP adventure. I know Ron, KE6RS, has some stories about operating in Germany as DL/KE6RS. Jack, K6JEB, reminded me about a really funny incident we had when we rented a vacation home in Bodega Bay to do a mini-field-day a few years back. I'd love to tell that story myself but will let Jack have the pleasure. So I know there's a plethora of stories among us just begging to be told.

To recap, you can bring audio and/or visual aids or just completely ad lib. You can tell personal stories or technical ones. The only rule is "keep it short." I think 5 minutes is a good time limit, but we won't be heavy handed in enforcing that. If you can keep us all enthralled for longer, more power to you. So please let me know if you want to participate. You can email me at w6dei@arrrl.net. If you don't get around to giving me advanced notice but come to the October meeting with a story to tell anyway, we'll hand you the mic (figuratively speaking, of course).

President's Message Jay Sparks, KJ6HSH

As Sharon and Randy posted, James Fast, KK6NDG, died suddenly Tuesday, Sept. 11th. He was not only an active member who gave his time willingly, he generously provided storage of our Field Day gear at no cost. We will have a moment of remembrance at the October meeting. I encourage any member to share a special memory or anecdote. We will discuss a donation to charity.

I have corresponded with Marty Wayne of Palo Alto ARC. He arranged a tour (including a box lunch) of the Red Oak Victory Ship in Richmond. The event will be November 10th at 10 a.m. We are invited to join. There are two versions of the docent-led tours. The **Regular Tour** includes all accessible areas except the lower engine room (\$32). The **Full Tour**

includes all accessible areas plus the lower engine room (\$36). Go to <http://www.paara.org/pages/events-current.html> to sign up.

The California QSO Party is Oct 6-7. Details at www.cqp.org/files/CQP2018-Newsletter.pdf

The ARRL Pacific Division Ham Radio Convention, Pacificon, is October 19th through the 21st in San Ramon. For details, see <http://www.pacificon.org/>.

The East Bay Mini Maker Faire will be held on Sunday, October 21st from 10 a.m. to 5 p.m. in Oakland. See <https://eastbay.makerfaire.com/>.

2019 EBARC Officers' Election

EBARC needs YOU to step up and stand for election to one of the Executive Committee positions. The positions are; President, 1st VP (Program Chair), 2nd VP (Hospitality), 3rd VP (Membership), Secretary, and Treasurer.

To volunteer, please contact the nominating committee chair, Todd Teachout, KM6HFU, tteach@sonic.net, or 510-799-6051.

Nominations will be also be accepted at the November meeting. The election will be in December (either by snail mail or electronically).

General Meeting Minutes Robin Spalding, N6RLS, Secretary

Opening: The Friday, 14 September 2018 general EBARC meeting in the El Sobrante United Methodist Church meeting room started about 7:45 p.m. There was the usual round of introductions, many answering a "What did you do this Summer?" question. Albert Goto, N6XS, (who joined EBARC tonight) mentioned the UC Berkeley EECS Amateur Radio Club website, <http://nu6xb.eecs.berkeley.edu/site/>, with much useful info for students seeking ham

licenses. Rick Taft, KD6UL, talked about his latest battery research and mentioned Bioenno batteries: <http://www.bioennopower.com>.

Program: Peter encouraged EBARC members to come up with short, 3-5 minute presentations, open-mic style, for next month and for future meetings. Please email Peter, or just show up with your presentation. Having a slide show is not necessary.

Hospitality: Feed the kitty. We're looking for a new Hospitality person (Second Vice President) for 2019.

Membership: Sharon Primbsch, AA6XZ, noted that nominations are needed for EBARC officers for next year. Contact Todd Teachout, KM6HFU at tteach@sonic.net. Also, we have a brand new Epson VS355 projector for Club presentations.

Announcements:

- 1.) We will be meeting on the first Friday in November (2nd) due to a room schedule conflict.
- 2.) EBARC will be participating at Mini-Maker Fair, October 21, at Park Day school in Oakland: <http://eastbay.makerfaire.com>
- 3.) Robin, N6RLS, reminded members to check the EBARC Twitter page: <http://twitter.com/w6cus>.

Attendance: There were thirteen roster signers, all EBARC members.

Closing: With no further business, the membership meeting was adjourned at 7:58 p.m.

Next Meeting: The next meeting will be at 7:30 p.m. on Friday, October 12, 2018.

Presentation: Tonight: Peter Hoffman, W6DEI, with a short but very entertaining story: "How I Worked Tajikistan." Then, Sharon Primbsch, AA6XZ, talked about all the many details of designing and working smooth-running Mega-VE sessions at UC Berkeley.

Much effort and coordination was required to process 70 or more test takers, including multiple-test takers, in a 3-hour session. It was designed so first-time VE people could easily participate efficiently and enjoyably.

4Cs / EBARC Xmas Luncheon

The 4Cs/EBARC Christmas party will be held on Saturday, December 8th at Denny's, 11344 San Pablo Ave., El Cerrito. The party will be from 11:30 a.m. – 2:30 p.m. We can order our meals from the regular menu and pay as we leave. (This is the same way the 4Cs does it at their monthly meetings.) Our ham radio Santa will be there giving gifts as our ticket numbers are called. Our seating in the banquet room is limited to 35 people. Please RSVP to Burgie Jones, KE6MSF, and let her know how many will be in your party. Email her at burgie0001@yahoo.com, or you can call and leave a message at 510-964-1476. We will not be able to take more than 35 people, so please RSVP ASAP!

Federal Emergency Management Agency *[submitted by Mike McMillan, K6MCM]*

WASHINGTON – FEMA, in coordination with the Federal Communications Commission (FCC), postponed the nationwide test of the *Emergency Alert System (EAS)* and *Wireless Emergency Alerts (WEA)* until October 3 due to ongoing response efforts to Hurricane Florence.

The WEA portion of the test commences at 2:18 p.m. EDT, and the EAS portion follows at

2:20 p.m. EDT. The test will assess the operational readiness of the infrastructure for distribution of a national message and determine whether improvements are needed.

October 3 was the previously scheduled back-up date for the test, which was originally set up for this Thursday, September 20. A backup date is always planned in case of widespread severe weather or other significant events on the primary test date. FEMA and the nation's emergency management community remain committed to the life-saving activities occurring through parts of North Carolina and South Carolina.

For further information on the test, go to <https://www.fema.gov/emergency-alert-test>.

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 remaining test date for 2018 is Oct. 28th. The fee for 2018 is \$15. Info: 510-918-4627 or 510-741-8227.
- CoCoCo ACS Training: Details from mcmillan50y@yahoo.com, www.cocoacs.org, 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 ebarc.w6cus@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, or on Facebook's "East Bay Amateur Radio Club."

2018 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President.....	384-4233
Peter Hoffman, W6DEI, 1 st VP - Program Chair.....	684-6543
Ken Fowler, KO6NO, 2 nd VP - Hospitality.....	222-0830
Sharon Primbsch, AA6XZ, 3 rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Robin Spalding, N6RLS, Secretary / Twitter	528-1144
Randy Jenkins, KA6BQF, Treasurer / Finance Committee Chair.....	707-557-5521
Member-at-Large	
Member-at-Large	

2018 EBARC's Other Committee Heads and Contacts

W6CUS Trustee; Jack Burris, K6JEB.....	415-305-2547
Club Station Manager; Stanton Gleason, KD6SWU.....	385-4044
Field Day & Education; Ken Fowler, KO6NO	222-0830
Webmaster, Facebook, & Meetup; Martin Rothfield, W6MRR	705-1199
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(ACS) 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(ACS), West CoCoCo: Mike McMillan, K6MCM, mcmillan50y@yahoo.com, phone 510 223-3052. Frequencies: #1=145.110-, #2=147.570s. ACS details are at www.cocoacs.org

HAM RADIO OUTLET

WWW.HAMRADIO.COM

***FREE 1 OR 2 DAY DELIVERY TO MOST OF US!**



IC-9100 | The All-Round Transceiver

- HF/50MHz 144/43VVO (440) MHz and 1200MHz** coverage
- 100W on HF/50/144MHz, 75W on 430 (440) MHz, 10W on 1200MHz**
- Double superheterodyne with image rejection mixer



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 Blanking • USB Port for PC Control



IC-PW1 | HF/50 MHz Amplifier

- Wide freq. coverage - 1 kW from 1.8 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



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



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 Deluxe

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



IC-7700 | HF/50MHz Transceiver

- The Contester'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



ID-4100A | VHF/UHF Dual Band Digital Xcvr

- Compact, Detachable Controller for Flexible Installation • DV/FM Near Repeater Search Function • Apps for iOS™ and Android™ devices • Wireless Operation with VS-3 & UT-137 Bluetooth® Headset & Module • MicroSD Card Slot



IC-7610 | HF/50 MHz All Mode Transceiver

- Large 7-inch color display with high resolution real-time spectrum scope and waterfall • Independent direct sampling receivers capable of receiving two bands/two modes simultaneously



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 Encoder/Decoder • DMS



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-7300 | HF/50MHz Transceiver

- RF Direct Sampling System • New "IP+" Function • Class Leading RMDR and Phase Noise Characteristics • 15 Discrete Band-Pass Filters • Built-In Automatic Antenna Tuner



IC-2730A | VHF/UHF Dual Band Transceiver

- VHF/VHF, UHF/UHF 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

ID-51A PLUS2

VHF/UHF D-STAR Portable

- RS-MS1A, free download Android™ application
- New modes for extended D-STAR coverage
- Terminal Mode & Access Point Mode allow D-STAR operation through Internet • DV & FM repeater search function • Dplus reflector link commands



5 Ways to Shop!

- 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

ICOM®

ANAHEIM, CA
(800) 854-6046

OAKLAND, CA
(877) 892-1745

PORTLAND, OR
(800) 765-4267

PHOENIX, AZ
(800) 559-7388

MILWAUKEE, WI
(800) 558-0411

WOODBIDGE, VA
(800) 444-4799

PLANO, TX
(877) 455-8750

BURBANK, CA
(877) 892-1748

SAN DIEGO, CA
(877) 520-9623

DENVER, CO
(800) 444-9476

ATLANTA, GA
(800) 444-7927

NEW CASTLE, DE
(800) 644-4476

SALEM, NH
(800) 444-0047

ONLINE STORE
WWW.HAMRADIO.COM

*On most orders over \$100 in the continental US. (Rural locations excluded.) **Except 60M Band. ***Frequency coverage may vary. Refer to owner's manual for exact specs. *Optional UX-9100 required. QST FEB 2018. The Icom logo is a registered trademark of Icom Inc. 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, WI residents add sales tax. Prices, specifications and descriptions subject to change without notice.

THE BLOWN FUSE

OCTOBER 2018

PAGE 6