

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXVI NUMBER 8

AUGUST 2018

EBARC Meetings

August 10, 2018, 7:30 p.m.
"The Moxon Antenna"
Peter Hoffman, W6DEI



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.

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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 Sep. issue: Tue., Aug. 28th

[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

August 10th EBARC Meeting Peter Hoffman, W6DEI

The August program will be a presentation on the Moxon Rectangle antenna. Invented by Les Moxon, G6XN, the Moxon is a stealthy gain antenna that's inexpensive and fun to build. It's a great Saturday antenna project, especially for new hams seeking their first gain antenna. This antenna can be mounted on a simple push-up mast and rotated by hand or with an inexpensive light duty rotor. The Moxon is especially attractive to hams who want to avoid purchasing more expensive towers and rotors and who desire a directional antenna. For their size, Moxons are high performance antennas that lend themselves well to the spirit of experimentation and can be easily scaled for any band, HF to UHF.

Treasurer's Report

May 2018

Randy Jenkins, KA6BQF, Treasurer

MAY GENERAL FUND¹

Beginning Balance\$6,574.01

Income:

Refreshment Kitty.....\$9.00

Postage Sold.....0.23

Total General Income:.....\$9.23

Disbursements

Total General Disbursements.....\$0.00

Ending Balance\$6,583.24

(portion as petty cash..... \$55.39)

¹\$100 earmarked for youth scholarships.

MAY STATION FUND

Beginning Balance:\$1,585.69

Total Station Income0.00

Total Station Expenditures0.00

Ending Balance\$1,585.69

EBARC Email Reflector

Martin Rothfield, W6MRR

We now have a club email reflector; *ebarc.googlegroups.com*. It allows a list member to send an email to all list members. I hope it will be useful for announcements that come up between meetings, coordination of club activities, and exchanging information about ham radio.

Joining this list is optional, but you may find it useful. Note that you have three choices for receiving emails; all, none, and a daily summary. You can always look at the emails on the *ebarc.googlegroups.com* webpage if you choose the "no email" route.

You should have received an invite by email already. If not, send an email to

ebarc.googlegroups.com with your name, so I can verify your EBARC membership.

Please be courteous and brief. Please no politics or religion, just pleasant list etiquette.

I hope this list proves to be a useful asset for the club. Please help make this a great list. Please contact me directly if you have any questions at dcmk1mr2(AT)gmail(DOT)com

Treasurer's Report

June 2018

Randy Jenkins, KA6BQF, Treasurer

JUNE GENERAL FUND¹

Beginning Balance \$6,583.24

Income:

Refreshment Kitty \$20.00

Individual Members, K6JEB 22.50

Total General Income: \$42.50

Disbursements

Refreshments..... \$82.39

Field Day Supplies 42.91

Total General Disbursements \$125.30

Ending Balance..... \$6,500.44

(portion as petty cash \$97.89)

¹\$100 earmarked for youth scholarships.

JUNE STATION FUND

Beginning Balance: \$1,585.69

Total Station Income 0.00

Total Station Expenditures 0.00

Ending Balance..... \$1,585.69

High Altitude Balloon: Sept. 2nd **Martin Rothfield, W6MRR**

EBARC has been asked to support Dr. L. Paul Verhage with a high altitude balloon (HAB) flight. We will launch the morning of Sunday, September 2nd, probably from around Orinda.

We will meet Saturday September 1st over dinner to work out logistics. The STAC (Space Technologies at Cal) organization from Berkeley may be joining us.

Dr. Verhage has flown over 180 HAB flights, organizing a Midwest ballooning event each summer. Here's his TED Talk:

<https://www.youtube.com/watch?v=WQL9mLg0d4k>

The balloon will be filled with hydrogen, so extra safety is needed in handling the bottles. We will need a pickup truck, trailer or an open bed truck.

We will meet at the launch location, setup and launch the balloon, chase the balloon, and hopefully recover the payload. We will be using APRS to track the balloon, so you can follow along on the net at *APRS.fi*. If you wish to chase, it's best to have an APRS-equipped radio in case you go off grid.

Most all details are to be determined.

General Meeting Minutes **Robin Spalding, N6RLS, Secretary**

Opening: The Friday July 13, 2018 EBARC general meeting in the El Sobrante United Methodist Church meeting room started about 7:30 p.m. After the usual intros from members, reports were given:

Program: First VP Peter Hoffman, W6DEI, says August's presentation will focus on Moxon antennas, probably featuring construction of one for 2 meters. He's working on September's program.

Hospitality: Second VP Ken Fowler, KO6NO, reminds partakers of the food to "feed the kitty."

Finance: Treasurer Randy Jenkins, KA6BQF, says "We're solvent." (cheers...)

Public Events/Education: Third VP Sharon Primbsch, AA6XZ, says the next VE quarterly session is on Sunday, 22 July. Pass the word to potential test takers. She noted that the Tech question pool has just changed.

Ken Fowler noted his last class program “came to a bad end” with many students dropping out and, due to Field Day, he had to end the course short of the test. He wants to start a new Tech class in September, perhaps at the NALCO Alternate EOC Center meeting site in Berkeley. Parking shouldn’t be a problem there. He may do a separate General class at the El Sobrante U.M. Church on Fridays. He’s looking for someone to eventually take over doing the classes altogether. A general discussion of Ham training followed.

Announcements: Ken Fowler says he will not be running our Field Day event next year. Jim Fast, KK6NDG mentioned August 11 is the annual Rosie the Riveter Festival: Craneway Pavilion, 1414 Harbour Way S, Richmond. <http://www.rosietheriveter.org/events/rosie-rally> Ham involvement through CCCC – contact Club president Djovida, KJ6DJ, via <http://www.wa6kqb.org/officers.html>

Sharon, AA6XZ, says the CCCC picnic is Sunday, 9th September, and the 4Cs/EBARC Christmas Party is Saturday, Dec 8th, at El Sol Mexican Restaurant. Details to follow.

Ron Smith, KE6RS, noted interesting FT-8 contacts, via drones.

Martin Rothfield, W6MRR, suggested creating an EBARC email reflector to facilitate member communication, then noted he has already created it: <http://www.ebarc.googlegroups.com>

Attendance: There were 15 roster signers, all EBARC members.

Closing: There being no further business, the membership meeting was adjourned at about 8:10 p.m.

Next Meeting: The next meeting will be at 7:30 pm on Friday, 10 August, 2018.

Presentation: Ken Fowler gave a debriefing of our latest Field Day event. A discussion of various alternate power options for next year and beyond followed.

EBARC Social Media Robin Spalding, N6RLS

Here are a couple of reminders for our optional, but useful social media sites.

Please follow the EBARC Twitter page:
<https://twitter.com/w6cus>

Our Facebook page is:
<https://www.facebook.com/w6cus/>

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
Jim Fast, KK6NDG, Member-at-Large	237-7145
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

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- 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

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

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THE BLOWN FUSE

AUGUST 2018

PAGE 6