

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXVII NUMBER 1

JANUARY 2019

EBARC Meetings

January 11, 7:30 p.m.
"What's an RTL-SDR?"
Martin Rothfield, W6MRR

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 Ken Fowler, at ko6no@comcast.net.



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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 Feb. issue: Tues., Jan. 29th

[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

January 11th EBARC Meeting Martin Rothfield, W6MRR

At our January meeting, I'll answer the question, "What's an RTL-SDR, and why do you need one?"

New General License Class! Ken Fowler, KO6NO

The East Bay Amateur Radio Club will offer a class to prepare applicants for the General Class Amateur Radio License, starting January 18, 2019 and ending April 5, 2019. The class will meet on ten of these twelve Fridays from 6:30 p.m. to 9:00 p.m. at the United Methodist Church, on Argyle Rd. off Appian Way in El Sobrante. The Textbook is, *ARRL General*

Class License Manual for Ham Radio 8th Edition. Books will be available for purchase at the class.

This class is intended for hams with a Technician class license and will cover electrical principles, amateur radio equipment, and communication modes. Topics common to the Technician class license such as FCC rules and safety will be covered only as necessary.

FCC examinations and license applications will be administered at the final class session by EBARC Volunteer Examiners for a fee of \$15.

Go to www.ko6no.com and click *Register*, email ko6no@comcast.net, or contact Ken Fowler at 510-222-0830 to register.

Inventory of EBARC Equipment

On Thursday and Friday, January 3rd and 4th at 11 a.m., there will be an inventory of the EBARC Field Day equipment currently stored at silent key Jim Fast's house. This is the first step in deciding how to equip and run future Field Days and then to plan for storing the necessary club equipment. Please contact Mathison Ott at mathisono@gmail.com to volunteer and verify the dates and times.

General Meeting Minutes Robin Spalding, N6RLS, Secretary

Opening: The Friday, 14 December, 2018 general EBARC meeting in the El Sobrante United Methodist Church meeting room started about 7:30 p.m.

Opening: Following the presentation by Jack Burris, outgoing president Jay Sparks, KJ6HSH, announced the new and returning Club officers. The votes had been tallied by Mathison Ott, Jay Sparks, and Peter Hoffman during the Executive Committee meeting earlier in the evening. Sharon Primbsch and

myself (Robin Spalding) retained their offices as 3rd Vice President and Secretary, respectively. The 2019 officers were then installed.

Jay then introduced incoming President Ken Fowler, KO6NO. Ken reflected on his years as president (2008-2014) and said that after keeping the club going, it's time to get it growing. We need more members participating in Club activities, including members who don't come to meetings.

Ken looks forward to returning to the former Library meeting location, hopefully in 2019. He wants to have Executive Committee meetings on a day and place away from the General meetings again, if possible.

Ken offered to act as a conduit to the EBARC Board for members. Send him an email with proposed activities, or with any other issues the Board should be aware of.

Program: Martin Rothfield, W6MRR, is the incoming First V.P. and Program Chair. On January 11th he'll talk about "What's an RTL-SDR, and why you need one?" RTL-SDR are ultra-cheap software defined radios that run on most platforms with a wealth of free software.

Hospitality: Craig Hauger, KI6EMD, is the incoming 2nd V.P. (Hospitality) for 2019. Feed the Kitty!

Membership: Someone asked about the number of EBARC members. Sharon said the total was about 71, after various losses and gains. Ken noted that some members are also in other clubs as well. He suggested members bring guests to future meetings.

Finance: Maria Hauger, KI6ENT, is the incoming Treasurer for 2019.

Public Events/Education: Ken is looking for members who can provide more detailed and substantive help in class for his upcoming

General Class license course. He'd like hands on demos as well.

Announcements: Sharon Primbsch, AA6XZ, noted that on January 3 & 4 there will be an inventory & triage of the items stored at Jim Fast's house. She also asked if we had planned on any donation to the church for use of their space. Ken said the Board will take that up in January.

Ken auctioned off some lights he got by mistake from Amazon, with the proceeds going to EBARC (\$12). Ken noted we used to have door prizes of member-donated items and would like to bring that custom back.

Attendance: Twenty people, all members, signed the meeting roster.

Closing: There being no further business, the membership meeting was adjourned at about 8:50 p.m.

Next Meeting: The next meeting will be at 7:30 pm on Friday, January 11, 2019.

Presentation: Jack Burris, K6JEB, delivered a spirited and helpful presentation on portability as a ham operator, "The Shack is Wherever You're At." He had pictures and demos of his gear and offered a lot of useful information. He also offered further help to anyone wanting to set up a similar lightweight, cheap, modern station. Contact: k6jeb@arrrl.net

Treasurer's Report October 2018

Randy Jenkins, KA6BQF, Treasurer

OCTOBER GENERAL FUND¹

Beginning Balance\$5,747.82

Income:

Refreshment Kitty.....\$29.00

Total General Income:.....\$29.00

Disbursements

Total General Disbursements\$0.00
Ending Balance.....\$5,776.82

(portion as petty cash (\$69.00)

¹\$100 earmarked for youth scholarships.

OCTOBER STATION FUND

Beginning Balance:\$1,585.69
Total Station Income0.00
Total Station Expenditures0.00
Ending Balance.....\$1,585.69

Treasurer's Report

November 2018

Randy Jenkins, KA6BQF, Treasurer

NOVEMBER GENERAL FUND¹

Beginning Balance\$5,776.82

Income:

Total General Income:\$0.00

Disbursements

Total General Disbursements\$0.00
Ending Balance.....\$5,776.82

(portion as petty cash (\$69.00)

¹\$100 earmarked for youth scholarships.

NOVEMBER STATION FUND

Beginning Balance:\$1,585.69
Total Station Income0.00
Total Station Expenditures0.00
Ending Balance.....\$1,585.69

Treasurer's Report

December 2018

Randy Jenkins, KA6BQF, Treasurer

DECEMBER GENERAL FUND¹

Beginning Balance\$5,776.82

Income:

New members: KJ6DJ, W6ELS\$60.00
Renewals Individual: KK6UQX (3 years),
KJ6HSH, KO6NO, KE6EAU, KD6MZC,
KG6VMA, W8JSN, AG6FU, WA6UDS,
AA6XZ, KD6UL, W6BBQ, KK6NDF,
KK6TLB, KJ6EZB, KJ6WEQ, AC6ZF,
K5EJL, K6MCM, KI6KOZ, K6EX, WI6O,
W6MRR, KK6UPI, KD6SWU, KM6HFU,
N6PLM, W6DEI, KG6WPN, KA6BQF,
N6RLS, KJ6RHF, N6SX, and
W6QNT1,080.00
Renewals Family: KM6LIX/KM6LIY,
KC6OKJ/N6MNL, KI6KOV/KI6KOU,
KC6OBK/K6KOP, KI6ENT/KI6EMD,
and KJ6WSS/KK6ZPM210.00
Refreshment Kitty:.....33.00
Donation:.....40.00
Total General Income:.....\$1,423.00

Disbursements

Refreshments (Ken)\$52.53
Ballot Postage (Sharon)61.00
Ballot Printing (Sharon)8.53
Supplies (Sharon & Rita).....29.71
Total General Disbursements.....\$151.77
Ending Balance\$7,048.05

(portion as petty cash..... (\$40.00)

¹\$100 earmarked for youth scholarships.

DECEMBER STATION FUND

Beginning Balance:\$1,585.69
Total Station Income: Swap Meet
and Sales.....263.00
Total Station Expenditures0.00
Ending Balance\$1,848.69

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 2019 are Jan. 27, Apr 28, Jul 28, and

Oct 27. The fee for 2019 is still \$15. Info: 510-918-4627 or 510-741-8227.

- CoCoCo ACS Training: Details from Kathy Branstetter, KI6TZE, kathbran@well.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."

2019 East Bay Amateur Radio Club Executive Committee

Ken Fowler, KO6NO, President	222-0830
Martin Rothfield, W6MRR, 1 st VP - Program Chair.....	705-1199
Craig Hauger, KI6EMD, 2 nd VP - Hospitality.....	672-8382
Sharon Primbsch, AA6XZ, 3 rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Robin Spalding, N6RLS, Secretary / Twitter	528-1144
Maria Hauger, KI6ENT, Treasurer / Finance Committee Chair	672-8382
Mathison Ott, KJ6DZB, Member-at-Large	701-0234
Member-at-Large	

2019 (possibly!) 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.....	
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

ACS West CoCoCo: Kathy Branstetter, KI6TZE, kathbran@well.com.
Frequencies: #1=145.110-, #2=147.570s. ACS details are at www.cocoacs.org

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IC-7100 | All Mode Transceiver

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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

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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



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JANUARY 2019

PAGE 7