

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXVIII NUMBER 2

FEBRUARY 2020

EBARC Meetings

February 14, 7:30 p.m.
To Be Announced
(see ebarc.org)



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, at rajama@pacbell.net.

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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 Mar. issue: Tues., Feb. 25th

[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

Renew for 2020 before the Feb 23rd deadline, so you'll continue to receive *The Blown Fuse* and so you'll be listed in the roster (to be mailed in March)! Send any roster changes to Sharon at aa6xz@earthlink.net.

Spring KPH Trip Mathison Ott, KJ6DZB

I'm planning another visit to the historic KPH Maritime Radio Station, on a Saturday in April or May. Please take a moment to spread the word and express your preference for a date for the visit in this doodle:

<https://doodle.com/poll/4v2s9aig5p3tz3br>

Treasurer's Report December 2019 Maria Hauger, KI6ENT, Treasurer

DECEMBER GENERAL FUND¹

Beginning Balance\$9,141.17

Income:

Individual Renewals: N6RLS, N6SPP,
KJ6RHF (2 yrs.), N6JGC, K6EX
.....\$180.00
Family Renewals: N6MNL/KD6OKJ,
.....35.00
Earned Interest.....0.06
Refreshment Kitty:.....32.00
Total General Income:.....\$247.06

Disbursements:

Ballot Printing (Sharon)\$10.65
Ballot Envelopes (Sharon).....21.83
Ballot Postage (Sharon)70.40
Total General Disbursements.....\$102.88

Ending Balance\$9,285.35
(portion as petty cash..... (\$40.00))

¹\$100 earmarked for youth scholarships

Jan. General Meeting Minutes Robin Spalding, N6RLS, Secretary

Opening: The General EBARC meeting at the El Sobrante United Methodist Church Friday, January 10, 2020 was called to order about 7:40 p.m. by President Jay Sparks, KJ6HSH. Jay thanked the members present for their almost-unanimous votes for him as club President, acknowledged the help and support of others including Ken Fowler, KO6NO, and expressed his hopeful thoughts for the year ahead. He also noted that the Cesar Chavez Park location for our Field Day activities is in jeopardy. The price to use it has tripled from last year. It would cost \$600.00 this year, unless we can affiliate with some city-connected entity (perhaps NALCO), in which

case it would be free. Mathison offered to run Field Day again this year.

Tonight's round-of-introductions question: What would you tell your younger self if you could?

Program: Katie Carney, KN6APB, asked about interest in Winter Field Day (25 & 26 Jan.). She also mentioned potential future presentations: a Q&A session with Joel Hallas of ARRL's "The Doctor Is In" fame; a Summits On The Air presentation, followed by a local summits activation field trip; a panel with members of emergency services and reps from local Ham EmComm groups to help explain how they work together, followed by a trip to the Oakland Emergency Operations Center; and visits by reps from Yaesu, Icom and Elecraft to present their new gear. She also asked for any ideas or contact info members may have toward future presentations.

Hospitality: Sharon reminded folks to renew and update their contact info for the roster, which comes out next month. Also: articles are welcome for the monthly *Blown Fuse* newsletter.

Finance: Maria read the details and noted the club's ending balance of \$9,285.29. [*This doesn't include 6 cents earned interest – Editor*]

Public Events/Education: A lively discussion about connecting with other clubs and EmComm entities resulted in a reminder about the various 4C's nets – INFO: <http://www.wa6kqb.org/nets.html>

Announcements: Rick Taft, KD6UL, noted that EBARC is welcome at the United Methodist Church to continue to meet here for all of the year 2020.

Robin noted we got a QSL card from a 2001 CW contact between W6CUS and a Russian ham, UA9ZZ. He will send a response card at some point in the future.

Mathison asked about interest in another KPH field trip. Planning begins now for this year's Field Day activities. There's a possible KALX transmitter tour. MESH activities can be coordinated with San Francisco group.

Jay noted that our current storage situation with Chris Harwood is not forever. We still need to seek other options.

MOTION: Mathison read this, based on a motion developed at tonight's Board meeting: "EBARC to invest \$5,000.00 (\$2,500.00 in a 9 month CD and \$2,500.00 in a 17 month CD. Funds to come from our current total of \$9,285.29). The investment will be reported on by the treasurer, in addition to any info necessary to make changes to it."

Discussions mentioned credit unions vs. banks as to rate of return, and whether this would affect our non-profit status. Seconded, voted and approved by the members present.

Attendance: There were 18 signers of the meeting roster.

Closing: There being no further business, the membership meeting was adjourned at 8:45 p.m.

Next Meeting: At 7:30 p.m. on Friday, 14 February, 2020.

Presentation: Katie Carney, KN6APB, said tonight's presentation is a showing of "This is Ham Radio" from the ARRL DVD. <http://www.arrl.org/shop/The-ARRL-Film-Collection>

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

Keep Your Batteries Charged!

High Altitude Balloon Planning

Martin Rothfield, W6MRR

We have decided on March 8 for a launch date, with March 15 a backup date. We will be flying the cross band repeater and would like to advertise this over a wide area to the community of interested. Any suggestions? Repeater input is 145.56 with 162.2 Hz tone, output 445.525.

There's a software package I'm trying to get working with the LORA receiver, APRSIS32. I currently have another software package, RDFmapper, working with the LORA output. For some reason, APRSIS32 is showing GPS position in the wrong place. APRSIS32 is really nice: it's free; it uses Open Street Maps for caching; and it allows a GPS input for your location and an input for the balloon's position. You can open each in their own map window. If anyone knows of free software that will take GPS input to locate on a map I'd like to try it.

Another idea for the ESP32 camera is to send down stills over LORA. The easiest thing would be add a 900 MHz radio. I have a pair of Adafruit LORAs to lend out. We would want a higher data rate than the GPS link. That will

reduce range, but would be an interesting experiment.

We will have a meeting February 13th at 7 p.m. at Ace Monster Toys, 6050 Lowell St. #214, Oakland. It's a good opportunity to make sure your radio is programmed for the repeater.

For more information on this non-EBARC event, contact Martin at dcmk1mr2@gmail.com

Future Bay Area Events

- Current Bay Area Public Service Events: See www.ebarc.org, click on "Current Events", then scroll to "Calendar of Bay Area Ham Radio Public Service Events."
- 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 dates for 2020 are Apr 26, Jul 26, & Oct 25. The fee is \$15. Candidates must preregister at davidotey@comcast.net or call 510-741-8227.
- East Bay Section ARRL ARES; arrl.volunteerhub.com/lp/eb. CoCoCo ACS Training: Details from "DJ" djovida, KJ6DJ, kj6dj@arrl.net, (415) 215-6658, 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."

2020 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President.....	384-4233
Katie Carney, KN6APB, 1 st VP - Program Chair	326-3886
Mike Camp, KI7FQ, 2 nd VP - Hospitality.....	524-0723
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 /Field Day Chair	701-0234
Todd Teachout, KM6HFU, Member-at-Large.....	799-6051

2020 EBARC's Other Committee Heads and Contacts

W6CUS Trustee; Jack Burris, K6JEB.....	415-305-2547
Club Station Manager; Stanton Gleason, KD6SWU.....	385-4044
Education; Ken Fowler, KO6NO.....	222-0830
Webmaster, Facebook, & Meetup.....	
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: "DJ" djovida, KJ6DJ, kj6dj@arrl.net, (415) 215-6658.
 Frequencies: #1=145.110, #2=147.570s.

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HF Transceiver



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VHF/UHF Dual Band Digital Transceiver



ID-51A Plus2
VHF/UHF D-STAR Portable

KENWOOD



TS-590SG
HF/50MHz Transceiver



TM-D710G
2M/440 Dualband



TM-V71A
2M/440 DualBand



TM-281A
2 Mtr Mobile



TH-D74A
2M/220/440 HT

YAESU
The radio



FT-991A
HF/VHF/UHF Transceiver



FT-891
HF+50 MHz All Mode Transceiver



FT-450D
A100W HF + 6M Transceiver



FTM-400XD
2M/440 Mobile



FT-70DR
C4FM/FM 144/430 Xcvr



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