

THE EAST BAY AMATEUR RADIO CLUB, INC.

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# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIX NUMBER 3

MARCH 2021

## EBARC Meetings

March 12, 2021, 7:30 p.m.

To Be Announced

Check your email for Zoom link



The Executive Board meets monthly before each general meeting. For the date, time, & location, contact President Jay Sparks, at [rajama@pacbell.net](mailto:rajama@pacbell.net).

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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 Apr. issue: Tues., Mar. 23<sup>rd</sup>

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

## March 12<sup>th</sup> EBARC Meeting

The March 12<sup>th</sup> general EBARC meeting will again be held as a virtual Zoom meeting only. The Zoom link will be sent via email and be posted on ebarc.org. We hope you join us! Because of the pandemic, future meetings for at least a few more months will also be held via Zoom.

## Register for Virtual Ham Expo!

The second Virtual Ham Expo will be happening on March 13-14, 2021. Organized by Eric Guth, it is like a Pacificon event from your home computers. Registration started 1/4/2021. Presentations will be available until 4/12/2021. The keynote speaker is ARRL CEO David Minster, NA2AA. Also, there are three "Build-A-Thons," so order your stuff for it ASAP. For more information see: <https://www.qsotodayhamexpo.com/>

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

## President's Message Jay Sparks, KJ6HSH

Greetings members!

The Board is in the process of guiding the club in this new year. Three committees are formed; Storage, Field Day and Steering. The committee chairman will hold Zoom meetings to allow and welcome member input. If you have an interest in joining, or just listening in, please contact the appointed chair.

As always, please stay safe.

## Treasurer's Report January 2021 Audrey Nieman, W6BBQ, Treas.

### JANUARY GENERAL FUND<sup>1</sup>

Beginning Balance .....\$11,577.09

#### Income:

December dues payments: .....\$105.00

Individual Renewal: AC5RB, K6JAW,

KK6MO, KD6MDZ, K6EX,

KD6UL.....\$180.00

Earned Interest.....0.04

Total General Income:.....\$285.04

#### Disbursements:

CA Secretary of State filing .....\$20.00

Total General Disbursements.....\$20.00

Ending Balance .....\$11,842.13

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

(portion as a US Bank CD... \$5,000.00)

<sup>1</sup>\$100 earmarked for youth scholarships

### JANUARY PAYPAL ACCOUNT

Beginning Balance .....\$96.80

Ending Balance .....\$96.80

## EBARC Committees

### Katie Carney, KN6APB

EBARC needs YOU... to join a Committee! The EBARC Board would like to ensure that the ham radio interests of our very diverse membership are well represented as we plot the club's course forward in what we hope will soon be a bit less challenging way. However, even amidst current COVID restrictions, member input is critical to direct our activities. (Also, truth here... it's difficult to conduct the 'work' of the club with the same few people all the time!) Committee discussion and recommendations *may* sometimes overlap, and that's okay! Where would you most like to help?

**The Steering Committee** (chair Katie Carney, KN6APB; meeting time first Monday of the month, 7-8 p.m.) examines the overall purpose and mission of EBARC, ensuring that the wide variety of ham radio segments and interests represented by our membership are addressed in programs and activities. This is also the committee to join if you want to ensure EBARC is recruiting and mentoring new hams! Next Meeting (via Zoom): Monday, March 1, 7p.m.

**The Storage Committee** (chair Jay Sparks, KJ6HSH, meeting time first Monday of the month, 7-8 p.m.) ensures that the club property of EBARC is properly stored and accessible to club members. This includes determining storage location, managing inventory (including recommending acquisition, sale or disposal of inventory), and tracking equipment lent to club members. Currently, the Storage Committee is actively reviewing potential storage locations that may also provide potential meeting and/or shack space.

**The Field Day Committee** (chair Mathison Ott, KJ6DZB; meeting time TBD) plans and manages EBARC's presence at the annual summer ARRL Field Day event (and will also be very involved in planning for Jan/Feb Winter Field Day as appropriate). Included is

promotion of EBARC's presence at the event and encouraging the participation of membership in a variety of ways. Field Day will very likely be challenging once again in 2021. So creative ideas for both safe gathering *and* solo/at-home participation are needed.

Your participation is needed to make our club the best it can be! Worried you can't participate regularly? Don't be!! Committees will likely meet monthly, but we will be pleased to have your input whenever you can make it. Please email [EBHam.office@gmail.com](mailto:EBHam.office@gmail.com) (directing your content to a committee chair, if you wish). Let us know how you'd like to have a voice in setting the club direction for 2021 and beyond. We look forward to Zooming you soon!

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## February 2021 General Minutes

### Todd Teachout, KM6HFU, Secretary

The EBARC General Meeting was held February 12, 2021, virtually, via the Zoom internet conferencing application as a result of COVID-19 pandemic restrictions. 22 people attended. Katie was the Zoom control. The President called the meeting to order at 7:40 p.m.

**Icebreaker:** What was the first music concert you went to?

### Officer Reports:

**1st VP-Programs:** -Katie reported that tonight's Zoom presentation will be about Valentine's Day and radio. Future presentations are being planned around satellite communications, Summits on the Air, and practice sessions for Field Day.

**2nd VP-Hospitality:** Mathison encouraged everyone to stay safe as pandemic infections begin to ease. He expressed concern and hope for a speedy recovery of a member who

is currently ill. He reported the club sold an Astron power supply in the past month. Two broken transceivers and two broken oscilloscopes in the club equipment inventory will be put up for sale soon. He reminded attendees that he will be giving a presentation on Mesh operations at the February Mt. Diablo Amateur Radio Club Meeting on February 19. He invited those who want to attend to contact him (510-701-0234, mathison@gmail.com) for the meeting link details.

**3rd VP Membership:** Sharon reported that the 2021 membership roster was mailed to members. The February 2021 *Blown Fuse* newsletter was prepared and sent out. Deadline for next issue is February 23<sup>rd</sup>. Articles needed. No VE Test sessions in Oakland for January or April 2021 due to the pandemic restrictions.

**Secretary:** Secretary Todd reported that January general meeting minutes were published in the February *Blown Fuse*. Call for corrections. None offered. He recommended that the group approve the minutes. Motion to approve by Todd, second by Sharon. Minutes approved by affirmation. He reported that the January 2021 Executive Committee meeting minutes had been approved by the committee earlier in the evening.

**Treasurer:** Audrey reported the club income this month includes revenue from dues. There was a \$20 expense for Secretary of State fee reimbursement. Beginning balance \$11,577.09. Income \$285.04. Expenses \$20.00. Ending balance \$11,842.13.

**President:** Jay thanked everyone for coming to tonight's meeting. He invited members to make announcements.

Chris Harwood, announced that the 94803 EmComm Project will be using the Contra Costa Communications Club resources to participate in the Saturday morning Bay Area EmComm Net starting at 9 a.m. on 145.110 -, 82.5 then 0915 on 224.300 +, 82.5 and

finishing up at 0930 on 444.275 +, 82.5. Review the *Blown Fuse* for full settings information for the WA6KQB repeaters or visit [wa6kqb.org](http://wa6kqb.org). Other details of the 94803 Project can be found at: <https://sites.google.com/view/mbcert1stwedemcomm/home/richmonds-zip-code-94803-project>

### **Old Business:**

Katie discussed committee efforts that are underway. Four committees have been formed as follows;

Steering: Katie is the chair. The Steering Committee is expected to provide guidance/recommendations to the Executive Committee regarding club activities. It hopes to find out members' interests and discover what support and resources are needed to extend/expand those interests.

Storage/Equipment: Jay is the chair. The Storage Committee is expected to find and make recommendations for a long term facility and location for the storage of club equipment. It will review the club equipment inventory and prepare recommendations to sell gear that is broken, worn out, or not being used for club activities. It will also prepare recommendations for new equipment, as warranted, to improve operations at club activities.

Field Day: Mathison is the chair. The Field Day Committee will make recommendations regarding the location to hold Field Day. It also is expected to secure permissions and permits, coordinate set-up and take down, determine operation modes. The committee will work with the equipment committee and general membership to assure the necessary equipment is there at the event. Members will prepare public outreach materials. Members will prepare and submit results (aka. logs) to ARRL. It will coordinate with other groups. It will also make arrangements to assure Field Day food service during the event.

By-Laws: No chair yet. This committee has just been formed. The expectation is the committee will review the By-laws and current club operations. The Committee is expected to make recommendations, as necessary, to update the By-Laws. Invitation was extended to all EBARC members in attendance as well as the full membership. Volunteers just need time and an interest in making sure the By-Laws work for the Club.

**Presentation:** *Valentine's Day and Amateur Radio.* Katie Carney, KN6APB, gave a presentation of how radio and Valentine's Day were linked through the years. She provided images and stories of efforts that combined Valentine's Day and radio themes, from about 1910 to about 2000. She reminded attendees of Western Union Telegraph Code "88" which means "Hugs and Kisses" and is used as an affectionate sign off term in CW. NASA staff, many whom are Amateur Radio licensees, also were recognized. Mission STS-88, the first mission to build the International Space Station was intentionally named that to promote unity and diversity in space.

The meeting wrapped up with an open mic joke session lead by "Skip Town" with the help of Minion "Input," and Minion "Output" (aka. Chris, Bridget, and Issac Harwood).

Meeting adjourned 8:40 p.m., Next meeting is March 12, 2021, 7:30 p.m. via Zoom.

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*I recently read a book about anti-gravity. I couldn't put it down.*

*Mom: "Why is everything on the floor?" Me: "Gravity!"*

*I don't trip, I do random gravity checks.*

*"Jay, you are such a great club president, how do you stay so down to earth?" Jay: "Gravity?"*

*These gravity jokes are getting a little old, but I fall for them every time.*

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## Future Bay Area Events

- Current Bay Area Public Service Events: See [www.ebarc.org](http://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 16<sup>th</sup> St.), Oakland. Because of COVID, there are tentative plans for 4<sup>th</sup> Sundays in Jul and Oct in 2021. The fee is \$15. Candidates must preregister at [davidotey@comcast.net](mailto:davidotey@comcast.net) or call 510-741-8227.
- East Bay Section ARRL ARES; [arrrl.volunteerhub.com/lp/eb](http://arrrl.volunteerhub.com/lp/eb). CoCoCo ACS Training: Details from "DJ" djovida, KJ6DJ, [kj6dj@arrrl.net](mailto:kj6dj@arrrl.net), (415) 215-6658, or via RACES net, 6:45 p.m., Thursdays on 145.11 MHz. Also see Sheriff Office's Communications Unit David Nielson, K6CDN, [davidnielson@yahoo.com](mailto:davidnielson@yahoo.com)

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 [ebham.office@gmail.com](mailto:ebham.office@gmail.com), contact any EBARC officer, see Web page [www.ebarc.org](http://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."

## 2021 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President.....	384-4233
Katie Carney, KN6APB, 1 <sup>st</sup> VP - Program Chair .....	326-3886
Mathison Ott, KJ6DZB, 2 <sup>nd</sup> VP – Hospitality / Field Day Chair .....	701-0234
Sharon Primbsch, AA6XZ, 3 <sup>rd</sup> VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Todd Teachout, KM6HFU, Secretary .....	799-6051
Audrey Nieman, W6BBQ, Treasurer / Finance Chair .....	682-7938

## 2021 EBARC's Other Committee Heads and Contacts

W6CUS Trustee / Webmaster; Martin Rothfield, W6MRR .....	202-262-6345
Club Station Manager; Stanton Gleason, KD6SWU.....	385-4044
Education; Ken Fowler, KO6NO.....	222-0830

## AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5-)	145.110
Contra Costa Com. Club Digital Net (by arrangement)	Tue*	1900 (PL 82.5+)	444.275
Contra Costa Communications Club Net	Tue	1930 (PL 82.5-)	224.300
"QRM Net"	Tue	1930 (PL 82.5-)	224.300
UCB ARC (W6BB) EMMCOMM Net	1 <sup>st</sup> Wed	1200 (PL 131.8+)	440.900
UCB ARC (W6BB) EMMCOMM Net	1 <sup>st</sup> Wed	1200 (PL 107.2-)	145.490
UCB ARC (W6BB) EMMCOMM Net	1 <sup>st</sup> Wed	1200 simplex	145.430
UCB ARC (W6BB) Club Net	Wed	1900 (PL 103.5+)	442.275
West Contra Costa EMCOMM Net	Thu	1845 (PL 82.5-)	145.110
KARO/ECHO ARES EMCOMM Net	Thu	~1900 simplex	146.415
NALCO ARES EMCOMM Net	Thu	1915 (PL 131.8+)	440.900
Oakland ARES Emergency Communications Net	Thu	1930 (PL 77-)	146.880
Contra Costa Communications Club Net	Thu	1930 (PL 82.5-)	145.110
Bay Shores Richmond EMCOMM Net	Sat	0900 (PL 82.5-)	145.110
Bay Shores Richmond EMCOMM Net	Sat	0915 (PL 82.5-)	224.300
Bay Shores Richmond EMCOMM Net	Sat	0930 (PL 82.5+)	444.275

ACS West CoCoCo: "DJ" djovida, KJ6DJ, [kj6dj@arrl.net](mailto:kj6dj@arrl.net), (415) 215-6658.\*  
Frequencies: #1=145.110, #2=147.570s.





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## 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-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-705 | HF/50/144/430 MHz All Mode Transceiver

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## 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-R8600 | Wideband SDR Receiver

10 kHz to 3 GHz Super Wideband Coverage • Real-time Spectrum Scope w/Waterfall Function • Remote Control Function through IP Network or USB Cable • Decodes Digital Incl P25, NXDN™, D-STAR • SD Card Slot for Receiver Recorder



## 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

## IC-V86 | VHF 7W HT

• 7W Output Power Plus New Antenna Provides 1.5 Times More Coverage • More Audio, 1500 mW Audio Output • IP54 & MIL-STD 810G-Rugged Design Against Dust & Water • 19 Hours of Long Lasting Battery Life • 200 Memory Channels, 1 Call Channel & 6 Scan Edges



## IC-7610 | HF/50 MHz All Mode Transceiver

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## 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



## IC-R30 | Digital/Analog Wideband Xcvr

• 100 kHz to 3.3 GHz Super Wideband Coverage • P25 (Phase 1), NXDN™, dPMRTM, D-STAR Mode • 2.3" Large LCD Display & Intuitive User Interface • MicroSD Card Slot for Voice & Data Storage • USB Charging & PC Connection



## 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-2300H | VHF FM Transceiver

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## ID-52A | VHF/UHF D-STAR Portable

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*This device has not been approved by the F.C.C.*



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