

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXVII NUMBER 5

MAY 2019

EBARC Meetings

May 10, 2019, 7:30 p.m.
"Delay Tolerant Networks"
Jeremy Pierce Mayer



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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THE EAST BAY AMATEUR RADIO CLUB, INC.
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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 June issue: Tues., May 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

May 10th EBARC Meeting Martin Rothfield, W6MRR

This month Jeremy Pierce Mayer will talk about communications in challenged environments using delay tolerant networking. Jeremy is from Berkeley but now lives in Munich, Germany. He works for the German Aerospace Center (DLR) and is responsible for the Monitoring and Control System (MCS) and Data Handling system for the Columbus module of the International Space Station (ISS). He managed the video systems which support the Columbus module, including the development of software designed to ease operation of the video system. His interest include photography (incl. drones), travel, and programming (e.g. home automation, Software-Defined Radio, visual effects).

Field Trip May 11th to KPH Mathison Ott, KJ6DZB

EBARC has organized a trip to the Historical Maritime radio station KPH on Saturday May 11th. Plan to leave Berkeley around 7 a.m. in order to make it by 0900 to the transmitter site at 451 Mesa Road, Bolinas. The KPH press broadcast begins at 1000. The receiving station at 17400 Sir Francis Drake Blvd., Point Reyes, is usually activated by 1100. I need a final head count and to know whether you need a ride by May 9th. RSVP at (510) 701-0234 or at mathisono@gmail.com. Bring food, and your keyers.

Treasurer's Report March 2019

Maria Hauger, KI6ENT, Treasurer

MARCH GENERAL FUND¹

Beginning Balance\$7,451.02

Income:

New Member: KK6MUX\$22.50

Renewals Individual: WA6KCP,
N6SPP60.00

Refreshment Kitty:.....26.00

Total General Income:.....\$108.50

Disbursements:

Roster printing & mailing\$60.71

Total General Disbursements.....\$60.71

Ending Balance\$7,498.81

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

¹\$100 earmarked for youth scholarships.

MARCH STATION FUND

Beginning Balance:\$1,848.69

Total Station Income:0.00

Total Station Expenditures0.00

Ending Balance\$1,848.69

General Meeting Minutes

Robin Spalding, N6RLS, Secretary

Opening: The General EBARC meeting at the El Sobrante United Methodist Church Friday, April 12, 2019 was called to order about 7:30 p.m. Third VP Sharon, AA6XZ, presided. There was the usual round of introductions. The minutes of the March General meeting were approved by the members present.

Program: No info at the meeting about the May program. Martin absent.

Hospitality: Craig: Various treats are available; chips & dip, veggies, drinks, etc. Maria brought two pecan pies. Feed The Kitty!

Membership: Howdy Goudey, KE6BEE, is our newest member.

Secretary: No new mail. Robin brought K6KPH handouts for folks to look at prior to next month's KPH trip.

Finance: Maria: Ending balance total from both Station & General fund accounts: \$9,347.50

Public Events/Education: Sharon; there is another VE test on the 28th of April (walk-in's accepted).

Announcements: Sharon: brought a Heathkit phone patch, a phone speaker, and a 1931 *ARRL Handbook* for anyone who wants them.

Rick Taft delivered a lengthy and detailed presentation on the fire situation at our former El Sobrante Library meeting space. The bottom line is that the new community space they are planning at the library may not meet our present needs for entry access and for water and restroom access. A lot of considerations to modify the current plans are under study. Stay tuned.

Old business: Ken, KO6NO, is still seeking a Field Day coordinator for this year. Contact Ken if interested.

Ken appointed Jay Sparks and Mathison Ott to finish evaluating the things in inventory for insurance and selling values.

New Business: There was a vote at the April Board meeting to roll the Station Fund into the General Fund for reporting purposes. Tabled at the General meeting pending time to advertise it more fully before a future vote at a general membership meeting.

Board had proposed a donation to the Church. Members suggested \$400, and the motion was approved by the members present.

Attendance: Fifteen names on the April roster. Perhaps more attended than signed.

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

Next Meeting: The next general meeting will be at 7:30 pm on Friday, May 10, 2019.

Presentation: "DJ" djovida, KJ6DJ, explained and demonstrated the Fldigi (Fast Light Digital) software. It is used to send and receive detailed FEMA and other messages easily and accurately, via HT radios, using the MT-63 2K Long codec. Emergency Services radio isn't ham radio, but uses the same Fldigi software with additional add-on programs: Flmsg and Flamp. Go to wa6kqb.org (4 C's repeater) for tutorials to help get the program properly set up. DJ uses a Tigertronics Signalink USB interface which helps but is not absolutely necessary. It does eliminate hearing the digital signal noise.

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

[Erratum: Last month's article about phonetic alphabet changes, should have said R=E÷I, not R=E+I. Ye-Old-Editor's scanner and brain missed it (with apologies to author Lirpa Loof)]

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 2019 are Apr 28, Jul 28, and Oct 27. The fee for 2019 is still \$15. Info: 510-918-4627 or 510-741-8227.
- East Bay Section ARRL ARES; arrl.volunteerhub.com/lp/eb. 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
Todd Teachout, KM6HFU, Member-at-Large.....	799-6051

2019 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 [*dead link?*]

HAM RADIO OUTLET

MULTI-STORE BUYING POWER!

ICOM



IC-7610
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IC-7300
HF Transceiver



IC-7100
All Mode Transceiver



ID-5100A Deluxe
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



FTDX1200
100W HF + 6M Transceiver



FT-450D
A100W HF + 6M Transceiver



FTM-400XD
2M/440 Mobile



FT-70DR
C4FM/FM 144/430 Xcvr

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