

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIII NUMBER 8

AUGUST 2015

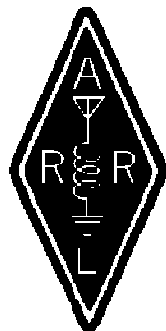
EBCRC Meetings

August 14, 2015, 7:30 p.m.

“Ham Radio at UC
Berkeley’s EECS”
Miki Lustig, KK6MRI

The East Bay Amateur Radio Club meets this month at the
El Sobrante Library, 4191 Apian Way, El Sobrante.

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 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 Sep. issue: Tues., August 25th

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

August 14th EBARC Meeting

Peter Hoffman, W6DEI

We'll meet in the community meeting room at the El Sobrante Library, 4191 Appian Way. Enter through the back door.

Miki Lustig is a professor of Electrical Engineering at UC Berkeley who uses ham radio in several of his classes. His students are encouraged to obtain ham licenses and comprise the large group of candidates that have populated our "mega" VE sessions the past couple of years. Miki will speak about what he's doing with ham radio in his classes.

President's Message

Jay Sparks, KJ6HSH

Clayton Nall, NF1R, gave a great presentation about Summits on the Air last month. Our August speaker, Miki Lustig of UC Berkeley, will be equally compelling.

In other news, we experienced a website failure. The simple version, as I understand it, is that our site provider did not have accurate

contact information and the dues lapsed. Peter Hoffman generously covered the expense for another year of hosting. Thanks Peter! The URL has changed from www.eastbayarc.org to www.ebarc.org. Please make note of this new address!

Also, the 4C's/EBARC picnic, another fun event, is Aug 9th. I enjoy meeting fellow hams and putting a face to a callsign. I encourage everyone to attend.

4Cs / EBARC Picnic

August 9, 2015
Gathering at 11 a.m.
Dining about 1 p.m.

Miller Knox Regional Shoreline, Richmond

[The picnic is on Dornan Drive near the south end of the park. Look for antennas on vehicles! – Ye Olde Editor]

Bring \$5, chairs, hats, and good stories

The cost is \$5 per person, payable at the site. **Your advance RSVP is required ASAP, so we can plan how much to cook!** With the cost of meat skyrocketing, your RSVP (with head count) is critical, so contact Audrey, KF6MVH, at 510-223-1748 or a.nieman@comcast.net.

The picnic is a great time to visit with old friends and make new ones. So come with family, friends, and a prospective ham.

No More Snail-Mail *Blown Fuse*

All EBARC members for whom I have an email address are now receiving *The Blown Fuse* via email. Everyone else (three EBARC members and eight non-members or organizations) will have to read it on the EBARC website, www.ebarc.org. [Ye Olde Editor, Sharon, aa6xz@earthlink.net, 510-741-8227]

Treasurer's Report

June 2015

Randy Jenkins, KA6BQF, Treasurer

JUNE GENERAL FUND¹

Beginning Balance \$5,275.40

Income:

Individual Members: KG6ATH..... \$30.00

Refreshment Kitty 27.00

Total General Income: \$57.00

Disbursements

Field Day Site Deposit \$175.00

Total General Disbursements \$175.00

Ending Balance..... \$5,157.40

(portion as petty cash \$67.00)

¹\$100 earmarked for youth scholarships.

JUNE STATION FUND

Beginning Balance: \$2,669.26

Income:

Total Station Income \$0.00

Disbursements:

Storage Costs \$77.00

Ending Balance..... \$2,592.26

Notes from the Treasurer:

The General Fund balance includes the \$226 Balloon Project money donated in June by EBARC members (to be augmented by \$150 from the General Fund). The Station Fund's storage locker costs will increase in July.

General Meeting Minutes

July 10, 2015

Ron Antaki, KK6NDJ, Secretary

The general meeting was called to order about 19:30.

Someone recommended seeing the documentary *Shock and Awe: The Story of*

Electricity, a British television series outlining aspects of the history of electricity.

Randy announced the Marin Amateur Radio Society's auction of surplus club equipment to be held tomorrow, 7/11.

The monthly Sunday 4Cs breakfast at Denny's was mentioned.

Randy announced that the Grizzly Peak Cyclists gave EBARC a \$500 gift in appreciation of our support for the 2015 Grizzly Peak Century on May 3rd. He suggested we share the money equally with the two clubs whose repeaters made our support possible. The membership approved the measure to split the \$500 award three ways between EBARC, the Contra Costa Repeater Association, WA6HAM, and the Cathay Amateur Radio Club, W6BUR.

Ken Fowler, KO6NO, gave us a debriefing on Field Day this year at Cesar Chavez Park in Berkeley. After missing Field Day the last two years, it was good to be back again. Thanks go to all who helped with moving the equipment, the setup and teardown, and for the great flyer and publicity. Due to the consolidation of club equipment into storage following the loss of our clubhouse, much of the gear had already been culled and sorted. We operated as class 2A, and had a GOTA station also. We made a good amount of contacts this year, not the most we've had, but we did pretty well. There were some antenna glitches, but overall things held up well. We should have kept a visitor's log. Ken sent a letter to the mayor of Berkeley regarding the event.

Ken added that he wants to work with those who want to learn to run the club and Field Day. He does not plan to be the mastermind of next year's Field Day.

We discussed the possibility of giving classes to forty or so El Cerrito Fire Department employees.

Also noted is that July 10th is Nikola Tesla's birthday. Happy Birthday, Nikola!

The business portion of the meeting was adjourned for tonight's presentation by Clayton Nall, NF1R. He spoke about Summits on the Air (SOTA) and his mountaintop travails and conquests. Clayton had a very impressive collection of pictures from his numerous SOTA expeditions. He also brought along a good part of his SOTA gear, including a KX3 transceiver and AlexLoop Walkham portable antenna. He gave us a demonstration of the software he uses.

The meeting adjourned at 21:43

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 2015 is October 25. The fee for 2015 is \$15. Info: 510-918-4627 or 510-741-8227.
- CoCoCo RACES Training: Details from mcmillan50y@yahoo.com 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, 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.

2015 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President..... 384-4233
 Peter Hoffman, W6DEI, 1st VP - Program Chair / Webmaster..... 525-0694
 Stanton Gleason, KD6SWU, 2nd VP - Hospitality / Club Station Mgr..... 385-4044
 Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor..... 741-8227
 Ron Antaki, KK6NDJ, Secretary..... 375-3756
 Randy Jenkins, KA6BQF, Treasurer / Finance Committee Chair..... 526-4089
 Robin Spalding, N6RLS, Member-at-Large 528-1144
 Member-at-Large

2015 EBARC's Other Committee Heads and Contacts

Jack Burris, K6JEB, W6CUS Trustee..... 415-305-2547
 Field Day Chair, KO6NO, Ken Fowler 222-0830
 Silent Key Chair

Awards Chair.....
 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 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, West CoCoCo: Mike McMillan, K6MCM, mcmillan50y@yahoo.com, phone 510 223-3052.
 Frequencies: #1=145.110-, #2=147.570s.

HAM RADIO OUTLET

14 STORE BUYING POWER!

ICOM



IC-7600 | All Mode Transceiver

- 100W HF/6m Transceiver, gen cov. receiver • Dual DSP 32 bit • Three roofing filters- 3, 6, 15kHz • 5.8 in WQVGA TFT display • Hi-res real time spectrum scope



IC-7200 | HF Transceiver

- 160-10M • 100W • Simple & tough with IF DSP • AGC Loop Management • Digital IF Filter • Digital Twin PBT • Digital Noise Reduction • Digital Noise Blanker • USB Port for PC Control



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



ID-5100A | 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 • FM Analog/DV Repeater List Function

ID-51A | VHF/UHF Dual Band Transceiver

- 5/2.5/1.0/0.5/0.1W Output • RX: 0.52-1.71, 88-174, 380-479 MHz** • AM/FM-FM-N/WFM/DV • 1304 Alphanumeric Memory Chls • Integrated GPS • D-STAR Repeater Directory • IPX7 Submersible



KENWOOD



TS-590SG | HF/50MHz Transceiver

- Equipped with 500 Hz/2.7 kHz roofing filter as standard • ALC derived from TS-990S eliminating spike issues • Antenna output function (shared with DRV connector) • CW - morse code decoder function



TM-D710G | 2M/440 Dualband

- V+V/N+U/U+U operation • Built-in GPS • Built-in TNC for APRS & DX-Cluster operation • 50W 2M & UHF • 1,000 memories • Dual receive • Green or amber backlight colors • Latest APRS firmware w/new features • Sky Command II remote functions



TM-V71A | 2M/440 Dualband

- High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops • Invertible front panel • Choice of green/amber for LCD panel • 104 code digital code squelch



TM-281A | 2 Mtr Mobile

- 65 Watt • 200 Memories • CTCSS/DCS • Mil-Std specs • Hi-quality audio

TH-F6A | 2M/220/440

- Dual channel receive • .1 - 1300 MHz (cell blocked) RX • FM, AM, SSB • 5W 2M/220/440 TX, FM • 435 Memories • Li-Ion Battery



YAESU
The radio



FT-991 | HF/50MHz/2M/440 Transceiver

- 160 M-440MHz - SSB/CW/FM/C4FM Digital/AM/RTTY/PSK • 100 W (2M/4440: 50 Watts) • 3.5" TFT full-color touch panel operation • High speed spectrum scope • Roofing filters: 3kHz & 15kHz • 32-bit high speed floating point IF DSP



FTDX1200 | 100W HF + 6M Transceiver

- Triple Conversion Receiver With 32-bit Floating Point DSP • 40 MHz 1st IF with selectable 3 kHz, 6kHz & 15 kHz Roofing Filters • Optional FFT-1 Supports AF-FFT Scope, RTTY/PSK31 Encode/Decode, CW Decode/Auto Zero-In • Full Color 4.3" TFT Display



FT-450D | A100W HF + 6M Transceiver

- 100W HF/6M • Auto tuner built-in • DSP built-in • 500 memories • DNR, IF Notch, IF Shift



FTM-400DR | 2M/440 Mobile

- Color display-green, blue, orange, purple, gray • GPS/APRS • Packet 1200/9600 bd ready • Spectrum scope • Bluetooth • MicroSD slot • 500 memory per band

FT-60R | 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan



- RETAIL LOCATIONS – Store hours 10:00AM - 5:30PM - Closed Sunday
- PHONE – Toll-free phone hours 9:30AM - 5:30PM
- ONLINE – WWW.HAMRADIO.COM
- FAX – All store locations
- MAIL – All store locations

ANAHEIM, CA (800) 854-6046	OAKLAND, CA (877) 892-1745	SUNNYVALE, CA (877) 892-1749	PORTLAND, OR (800) 765-4267	PHOENIX, AZ (800) 559-7388	WOODBIDGE, VA (800) 444-4799	PLANO, TX (877) 455-8750
BURBANK, CA (877) 892-1748	SAN DIEGO, CA (877) 520-9623	NEW CASTLE, DE (800) 644-4476	DENVER, CO (800) 444-9476	ATLANTA, GA (800) 444-7927	SALEM, NH (800) 444-0047	ONLINE STORE WWW.HAMRADIO.COM

Contact HRO for promotion details. Toll-free including Hawaii, Alaska and Canada. Call will be routed to the nearest store. All HRO 800-lines can assist you. If the first line you call is busy, you may call another. AZ, CA, CO, GA, VA residents add sales tax. Prices, specifications and descriptions subject to change without notice.