

THE EAST BAY AMATEUR RADIO CLUB, INC.

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# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIV NUMBER 2

FEBRUARY 2016

## EBCRC Meetings

February 12, 2016, 7:30 p.m.  
"Earthquake Early Warning Systems"  
Bob Uhrhammer, WB6VEX

The East Bay Amateur Radio Club meets this month at the  
El Sobrante Library, 4191 Applan 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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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. 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](mailto:aa6xz@earthlink.net)]

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## February 12<sup>th</sup> 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.**

EBARC's own Dr. Bob Uhrhammer, WB6VEX, is an eminent seismologist. His presentations on various aspects of earthquake science are always fascinating. If you haven't heard one of his talks, you're in for a treat. If you have attended Bob's presentations in the past, you know you won't want to miss February's presentation on earthquake early warning systems.

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## Any Roster Changes?

Sharon Primbsch, AA6XZ

In March, members will get the 2016 EBARC roster snail-mailed in the cover sheet of *The Blown Fuse*. So, by the middle of February, please let me know ([aa6xz@earthlink.net](mailto:aa6xz@earthlink.net)) if any of your roster information has changed. I'd particularly like to know if you're an ARRL member. If you're not a member, please join!

## Treasurer's Report

### December 2015

Randy Jenkins, KA6BQF, Treasurer

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

Beginning Balance .....\$6,162.25

#### Income:

Member Renewal: KK6NDF, KE6EUA, W6IO, KK6PPU, K6LHP, W8JSN, N6RLS, W6WTJ, W6MRR, KD6UL, KJ6JPN, AG6FU, KJ6EZB, KG6VMA, KK6THM, KW6R, KO6NO, KK6NDJ, and AI6GD .....\$570.00

Family Renewal: KK6NDE/KG6LAS, KI6FQ/KE6MRH, W6THD/W6THB, W6AKB/KB6LHP/KG6LXL/KI6ELP, KI6FYW/K6JEB, KI6ENT/KI6EMD, KI6KOV/KI6KOU .....245.00

Refreshment Kitty .....22.91

Total General Income:.....\$837.91

#### Disbursements

Ballot Costs .....\$90.46

Balloon Donation .....226.00

Total General Expenditures.....\$316.46

Ending Balance .....\$6,683.70  
(portion as petty cash..... \$50.00)

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

#### DECEMBER STATION FUND

Beginning Balance: .....\$2,192.50

#### Disbursements:

Storage Costs .....\$80.00

Ending Balance .....\$2,112.50

Notes from the Treasurer:

The funds that were collected for the balloon project in May have been conveyed to their representative. The club's \$150.00 donation is being held in reserve for them, at their request, until they have assembled the balloon and its payload. The club donation will fund gas to inflate the balloon before launching.

## President's Message Jay Sparks, KJ6HSH

2016 is already off to a fast start. Besides the busy calendar, working events and Field Day, I want to invite everyone to participate in a new event, a balloon launch. Dubbed the HENRY-1, it will take place on Pi Day, March 14, 2016. The launch site is still being discussed; either on the UCB campus or at Cesar Chavez Park in Berkeley. Still, several important items to be done. Mark your calendar!

I want to thank Peter for covering for me last meeting. Also, I've heard a couple of comments about improvements for this year's Field Day; namely, ordering T-shirts and additional night lighting. Please let me know if you have thoughts on this or any topic.

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

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## Is Al Lasher's Closing?

The following is the link to an article discussing the popular Berkeley store's difficulties with a proposed seismic retrofit.

<http://www.berkeleyside.com/2016/01/19/lashers-electronics-may-be-forced-to-close-after-56-years/>

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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 "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 16<sup>th</sup> St.), Oakland. The remaining test dates for 2016 are; Apr. 24<sup>th</sup>, Jul. 24<sup>th</sup>, and Oct. 23<sup>rd</sup>. The fee for 2016 is \$15. Info: 510-918-4627 or 510-741-8227.
- CoCoCo RACES Training: Details from [mcmillan50y@yahoo.com](mailto: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](http://www.ebarc.org), or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus.

## 2016 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President..... 384-4233  
 Peter Hoffman, W6DEI, 1<sup>st</sup> VP - Program Chair / Webmaster..... 525-0694  
 Stanton Gleason, KD6SWU, 2<sup>nd</sup> VP - Hospitality / Club Station Mgr..... 385-4044  
 Sharon Primbsch, AA6XZ, 3<sup>rd</sup> 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 .....

## 2016 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](mailto: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 Blanking • 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/V+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/440: 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



5 Ways to Shop!

- 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

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OAKLAND, CA

(877) 892-1745

SUNNYVALE, CA

(877) 892-1749

PORTLAND, OR

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PHOENIX, AZ

(800) 559-7388

WOODBIDGE, VA

(800) 444-4799

PLANO, TX

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BURBANK, CA

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NEW CASTLE, DE

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(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.