

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIII NUMBER 7

JULY 2015

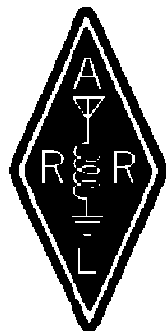
EBARC Meetings

July 10, 2015, 7:30 p.m.

"Summits on the Air"
Clayton Nall, NF1R

The East Bay Amateur Radio Club meets this month at the
El Sobrante Library, 4191 Appian 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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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 Aug. issue: Tues., July 28th

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

July 10th 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.

Clayton Nall, NF1R, will be presenting an introduction to the Summits on the Air (SOTA) program, an international program that encourages ham radio operators to operate from, and contact stations on, thousands of qualifying mountain summits around the world. Clayton will share lessons learned from his experiences activating local mountaintops in the Bay Area and throughout the country, and will demonstrate the lightweight backpack ham station that he uses on his expeditions.

Clayton has been an assistant professor in the Stanford political science department since 2011. Since arriving at Stanford, he's been a regular contributor to the W6YX's ham radio contest efforts. Before joining the Stanford faculty, he earned his PhD at Harvard, where he was the station manager, Field Day organizer, and a regular contest operator at W1AF, the Harvard Wireless Club's station located a block from Harvard Square.

Licensed since 1994, his main interests in ham radio (in addition to chasing and activating summits) are CW contests, DXing, and very low power (QRP) operation.

President's Message

Jay Sparks, KJ6HSH

As I write this note, we are just one week away from Field Day (Jun 27-28 at Cesar Chavez Park in Berkeley). I hope everyone is as excited as I am to be a part of this terrific event. Ken Fowler gave a well-attended presentation at our last meeting. Please contact him if you have not already signed up for a slot. Otherwise, just show up at noon on Friday (the 26th) or Sunday to help with the setup / tear-down. The more hands we have, the better! To volunteer, contact Ken at 222-0830 or ko6no@comcast.net.

The disappointing Field Day news is that we won't have a balloon launch. I've talked with another club member about coordinating a backup launch date for Pacificon. Your input about this, or any other thought, is welcome.

In other general club business, we discussed snail mail delivery of the club newsletter. Specifically, to save money, we'll consider stopping the printing and postage charges or add a surcharge for those who want it mailed.

Again, let's have fun at Field Day!

No More Snail-Mail Newsletter?

If you are receiving this issue of the newsletter via snail-mail, please tell Ye Olde Editor, Sharon (aa6xz@earthlink.net, 510-741-8227) whether you'd like to receive it in the future via email or read it on the EBARC website (www.eastbayarc.org). If we have an email address for you, and don't hear from you, you'll get future issues via email. Otherwise, you'll be hearing directly from Sharon.

Treasurer's Report

May 2015

Randy Jenkins, KA6BQF, Treasurer

MAY GENERAL FUND¹

Beginning Balance \$4,968.43

Income:

Individual Members: KK6THM, KK6TLB,
KJ6JPN, KK6UPH, KK6UPI \$60.00

Family Members: KI7FQ/KE6MRH 35.00

Refreshment Kitty 36.00

Donation (KI7FQ) 5.00

Member Donations to Balloon

Project 226.00

Total General Income: \$362.00

Disbursements

Blown Fuse (May) \$25.95

Blown Fuse (June) 29.08

Total General Disbursements \$55.03

Ending Balance \$5,275.40

(portion as petty cash \$40.00)

¹\$100 earmarked for youth scholarships.

MAY STATION FUND

Beginning Balance: \$2,746.26

Income:

Total Station Income \$0.00

Disbursements:

Storage Costs \$77.00

Ending Balance \$2,669.26

Notes from the Treasurer:

The \$226 Balloon Project money donated in June by EBARC members will be augmented by \$150 in General Fund money (as approved by a vote at the June general meeting). The total donation will be \$376.

The Station Fund's storage costs will increase in June.

[Thanks to Stanton's donation of Mothers' Day flowers, our Kitty was big this month! – Ed.]

Web Stuff

Robin Spalding, N6RLS

Just a quick reminder about the EBARC Twitter page: www.twitter.com/w6cus, especially as we are starting to use the Twitter-related Periscope app at club meetings. The Periscope app is very easy to use and allows you to watch (or originate) real-time video to anyone with the app installed on their phone or tablet. Both iOS and Android are supported. Also: check out the SuspiciousObservers page on YouTube: <https://www.youtube.com/user/SuspiciousObservers>. It offers a daily Solar (and Earth) weather report, with much more on the Suspicious Observers main website:

"SuspiciousObservers.org is the home of an online research community investigating solar activity, climate change, earthquakes, and more..." Very recommended, and with some possible use for propagation info for hams!

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

FYI: Starting this month, the HRO ad will be incorporated into the email and online *Blown Fuse* issues. *[Ye Olde Editor, S. Primbsch]*

Future Bay Area Events

- Current Bay Area Public Service Events: See www.eastbayarc.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 dates for 2015 are July 26 and 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.eastbayarc.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, 1 st VP - Program Chair / Webmaster.....	525-0694
Stanton Gleason, KD6SWU, 2 nd VP - Hospitality / Club Station Mgr.....	385-4044
Sharon Primbsch, AA6XZ, 3 rd VP - Membership / <i>Blown Fuse</i> 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 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/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



5 Ways to Shop!

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

ANAHEIM, CA
(800) 854-6046

OAKLAND, CA
(877) 892-1745

SUNNYVALE, CA
(877) 892-1749

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(800) 765-4267

PHOENIX, AZ
(800) 559-7388

WOODBIDGE, VA
(800) 444-4799

PLANO, TX
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BURBANK, CA
(877) 892-1748

SAN DIEGO, CA
(877) 520-9623

NEW CASTLE, DE
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DENVER, CO
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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.