

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXV NUMBER 7

JULY 2017

EBARC Meetings

July 28, 2017, 7:30 p.m.
"Field Day Wrap-Up"
(tentative subject)



EBARC meets this month at El Sobrante United Methodist Church, 670
Appian 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 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 Aug. issue: Tue., July 18th

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

JULY MEETING VENUE AND DATE

The El Sobrante Library is still unavailable for our meetings. We've found another nearby location. We will be meeting at the El Sobrante United Methodist Church on the 4th Friday of July. The location is:

**El Sobrante United Methodist Church
670 Appian Way, El Sobrante**

**Parking entrance is opposite 5156 Argyle Rd.
GPS coordinates: 37.981938, -122.294720**

Directions: from the center of I-80 and the Appian Way exit, it is 1.0 miles to Appian and Argyle Rd. (If you get to the El Sobrante Post Office on your right, you have gone too far.) Turn left onto Argyle Rd., pass the parking lot on your right, then enter the lot on your left.

In August we might be able to return to our usual location and schedule, i.e., the El Sobrante Library on the 2nd Friday of each month. Please stay tuned for the August venue and date!

President's Message Jay Sparks, KJ6HSH

Field Day was amazing. Thank you to all who helped make it such a wonderful event, for the club, the community and for ARRL. The weather was perfect. The public could not help but be impressed with the goodwill of the operators and the incredible antenna variety. There were Yagi, delta, and kite antennas, adding to the public's awareness.

Peter and Martin built a support, which they called "the contraption," for safely raising two 35 foot masts. Jack later noticed a steady wind, which he used to fly his kite and antenna. It flew all evening and night!

NALCO joined us to help set up and man the GOTA station. They also had an antenna-building project. I want to say thanks again to all who came out to support amateur radio, the crew and the operators. I enjoy Field Day as the club's big event of the year. I would like to hear from members about ways we can improve for next year.

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

EBARC Field Day 2017 Facts Ken Fowler, KO6NO

The NALCO (Northern Alameda County ARES/RACES) group participated by operating the GOTA (Get On The Air) station and by assisting visiting hams to build J-Pole portable antennas for use in Amateur Radio support events. NALCO members also assisted with setup and takedown.

The final contest points for the EBARC entry have not been calculated yet, but it was a very good year considering the poor radio conditions. Here are the basics for now:

Tents set up: 4
 Antennas: 4 Yagis, 2 Inverted Vees, 1 Two
 Element Delta Loop Beam, 1 Sloping Wire,
 1 Kite-Supported Vertical
 Transceivers: 3 HF, 2 VHF/UHF
 Participating Operators: About 16
 Contacts: 168 PSK, 162 Phone, 117 CW
 Setup Participants: About 10
 Takedown Participants: About 15
 Time Started: 10:00 a.m. Friday
 Time Finished: 3:00 p.m. Sunday

**Treasurer's Report
 May 2017**

Randy Jenkins, KA6BQF, Treasurer

MAY GENERAL FUND¹

Beginning Balance \$6,597.10

Income:

Renewal: KH6RHF (2 yrs)..... \$60.00

Refreshment Kitty 13.00

Total General Income: \$73.00

Disbursements

Balloon Project..... \$300.00

Field Day Site Deposit 175.00

Refreshments..... 20.13

Total General Expenditures \$495.13

Ending Balance..... \$6,174.97

(portion as petty cash..... \$135.00)

¹\$100 earmarked for youth scholarships.

In May 2015 the club voted to contribute \$150.00 to Cal's Balloon Launch Project. In January 2017 the club voted to make another \$150.00 donation. We made those donations in May.

MAY STATION FUND

Beginning Balance: \$1,585.69

Total Station Income 0.00

Total Station Expenditures 0.00

Ending Balance \$1,585.69

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 dates for 2017 are; Jul. 23rd and Oct. 29th. The fee for 2017 is \$15. Info: 510-918-4627 or 510-741-8227.
- CoCoCo ACS 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, send email to ebarcw6cus@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.

2017 East Bay Amateur Radio Club Executive Committee

Jay Sparks, KJ6HSH, President..... 384-4233
 Peter Hoffman, W6DEI, 1st VP - Program Chair / Webmaster..... 684-6543
 Ken Fowler, KO6NO, 2nd VP - Hospitality / Club Station Mgr..... 222-0830
 Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor..... 741-8227
 Ron Antaki, KK6NDJ, Secretary..... 375-3756
 Randy Jenkins, KA6BQF, Treasurer / Finance Committee Chair..... 707-557-5521
 Robin Spalding, N6RLS, Member-at-Large..... 528-1144
 Jim Fast, KK6NDG, Member-at-Large 237-7145

2017 EBARC's Other Committee Heads and Contacts

Jack Burris, K6JEB, W6CUS Trustee..... 415-305-2547
 Club Station Manager, Stanton Gleason, KD6SWU..... 385-4044
 Field Day Chair, Ken Fowler, KO6NO 222-0830
 Silent Key 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/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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PHOENIX, AZ
(800) 559-7388

WOODBIDGE, VA
(800) 444-4799

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BURBANK, CA
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SAN DIEGO, CA
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ATLANTA, GA
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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.