

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIII NUMBER 9

SEPTEMBER 2015

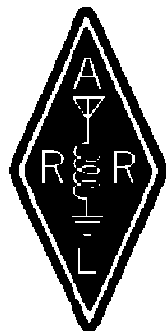
EBARC Meetings

September 11, 2015, 7:30 p.m.

"El Cerrito's

Emergency Preparedness"

David Gibson, Fire Chief



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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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 Oct. issue: Sun., Sep. 13th

NOTE THE SPECIAL, EARLY DEADLINE!

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

September 11th 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.**

Our September speaker is David Gibson, Fire Chief of El Cerrito. He will describe his city's emergency preparedness program.

General Meeting Minutes

August 14, 2015

Ron Antaki, KK6NDJ, Secretary

President Sparks called the meeting to order at 19:30. A round of self-introductions was made.

Minutes of the July 10, 2015 meeting were approved as published in *The Blown Fuse*.

We need a nominating committee for November's election of next year's Executive Committee.

Randy announced the Marin Amateur Radio Society (MARS) picnic on September 19th. See <http://w6sg.net/site/?p=4074>. Everyone is welcome.

Sharon stated that there are no new members this month, and that the *Blown Fuse* will be sent by email only (but readable on the EBARC web site).

Treasurer Jenkins reported club financial information [*details in his report this month - Editor*].

Secretary Antaki received no correspondence of significance.

Ken Fowler announced that he is starting a Technician License class at the Adult Education campus starting on Tuesday, Sept. 8th, and a General class starting on Saturday Sept. 12th. He suggested getting General license holders into a seminar to study for the Extra license exam. Ken says that the classes are for more than just passing a test, unlike ham cram sessions.

Ken also gave us the final Field Day report. He said he has submitted the documents to ARRL for approval [*see his report in this issue - Editor*]. He said the digital tent was busy and worked all the digital stations available.

Jack Burris announced that the North American QSO Party for August is being held tomorrow (8/15) starting at 11:00 a.m. One goal is to make as many contacts as possible on SSB using no more than 100 watts. QRP contacts got extra points.

Randy mentioned that MARS is holding License Exams in Mill Valley on September 29th. He also said the MARS flea market was a success.

The next meeting will be on Sept. 11, 2015.

Closing: There being no further business, the membership meeting was adjourned at 20:30.

Presentation: After a break for refreshments, we had tonight's presentation by UC Berkeley Professor Miki Lustig, KK6MRI. Miki teaches Electronics Engineering, in the areas of Signal Processing, Medical Imaging and Computer Hardware. He has most of his students get their amateur radio Technician or General license while in his class. This enables them to do more with the

lab experiments they build. His goal is to connect students with the real world.

He started with simple, inexpensive ham radio equipment, spending around \$50 each. He says he has spent "\$24 dB" more since then.

Miki gave a slide and video presentation of some of his work, explained his curriculum, and what his students do in the class and lab work. He also helped revive the campus ham radio station, W6BB.

He showed us a portable Yagi antenna made of PVC and steel tape measure tape that he used to communicate to the International Space Station on VHF frequencies.

One of his comments was that EBARC is the most organized club he has worked with. We collectively blushed. ☺

He also invited club members to assist him and mentor his student (mlustig@eecs.berkeley.edu).

2016 EBARC Officers' Election

EBARC needs YOU to step up and stand for election to one of the Executive Committee positions. The positions are; President, 1s VP (Program Chair), 2nd VP (Hospitality), 3rd VP (Membership), Secretary, and Treasurer.

Please contact President Jay Sparks to volunteer to run or be on the nominating committee. Nominations will be accepted at the November meeting and ballots will be mailed in November (to be returned before the December meeting).

We need to know if your postal address has changed since last year. If so, please send email to aa6xz@earthlink.net or call 741-8227.

Treasurer's Report

July 2015

Randy Jenkins, KA6BQF, Treasurer

JULY GENERAL FUND¹

Beginning Balance\$5,157.40

Income:

HRO Advertising\$180.00

Donation: Grizzly Peak Century500.00

Refreshment Kitty.....22.00

Total General Income:.....\$702.00

Disbursements

Donation Share Cathay\$166.66

Donation Share CCRA166.66

Total General Disbursements.....\$333.32

Ending Balance\$5,526.08

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

¹\$100 earmarked for youth scholarships.

JULY STATION FUND

Beginning Balance:\$2,592.26

Income:

Bank Interest.....0.12

Disbursements:

Storage Costs\$80.00

Ending Balance\$2,512.38

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).

Tech and General Classes Start!

The East Bay Amateur Radio Club and West Contra Costa Adult Education are offering two ham classes starting in September.

The first class is for current Technicians who wish to upgrade to General. It starts September 8, 2015, and will meet each Tuesday 6:30 – 8:30 p.m.

The second class is to prepare applicants for the Technician Class Amateur Radio License. It starts September 12, 2015 and will meet each Saturday from 9:30 - 11:30 a.m.

Textbooks will be available for purchase at the first meeting of each class. Classes have thirteen meetings each at the Alvarado Adult School, 5625 Sutter St., Richmond, CA 94804. Register in advance for either class at the West Contra Costa County School District Adult Education Office, 6028 Ralston Avenue, Richmond (510) 215-4666. Each class fee is \$15 paid to WCCAE. FCC examinations and license applications will be administered at the end by the EBARC Volunteer Examiners (time/date to be determined, place Alvarado Adult School). The exam fee will be \$15 cash, or as a check to "ARRL-VEC."

For info, contact Ken Fowler at 510-222-0830 or email: ko6no@comcast.net.

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

2015 Field Day Report Ken Fowler, KO6NO

This year, EBARC operated class 2A as W6CUS, with 20 participants. Our GOTA station logged 7 contacts as W6BB. We earned 750 bonus points for the following; 100% emergency power, media publicity, being in a public place, having an information booth, copying the W1AW FD message, having an educational activity, and submitting the results electronically. We had 271 digital and 422 SSB contacts, for a total of 964 QSO points. Our total score was 1,928.

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, 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 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

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
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DENVER, CO
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ATLANTA, GA
(800) 444-7927

SALEM, NH
(800) 444-0047

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