

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LIX NUMBER 12

DECEMBER 2011

EBARC Meetings



December 9, 2011, 7:30 p.m.
Installation of 2012 Officers
and General Frivolity



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

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, 3200 Macdonald Ave. Richmond.

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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 Jan. issue: Tues. Dec. 27th

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

December 9th EBARC Meeting Jack Burris, K6JEB, Program Chair

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

We will count ballots and install officers for 2012. Be sure that your ballot reaches the EBARC Post Office box by December 4th!

There will be no speaker, but the winners of the EBARC Sweepstakes Award will be announced (details in last month's newsletter). There will also be frivolity, including at least one door prize; a 2M mobile rig.

EBARC 2012 Officers' Election and Membership Renewal

Ballots have been mailed to EBARC voting members. Returned ballots must be in the EBARC post office box by the Sunday before the December general meeting (Dec 4th). There will be a 3-person committee to count the ballots in December. If you'd like to be on the ballot-counting committee, contact President Ken Fowler, KO6NO.

In the same envelope as your ballot(s), we have included a renewal slip for 2012 membership. Just return the renewal slip and your check with your ballot(s).

The club gets \$2 if you renew your ARRL membership through EBARC. If you've never been an ARRL member or have lapsed for two or more years, the club gets \$15. See Sharon for the required form. **We are an ARRL club, so most of our members must also be members of ARRL! Please join ARRL if you are not already a member.**

Treasurer's Report October 2011 John Wood, N6JDW, Treasurer

OCTOBER GENERAL FUND¹
9/30/11 Beginning Balance\$3,744.90
Regular Membership; KD6SWU.....25.00
Donation, KD6SWU.....5.00
Coffee Kitty.....8.00
Interest (Oct)0.29
(Income Subtotal: \$38.29)
PG&E -\$39.88
(Expense Subtotal: \$39.88)
10/31/11 Ending Balance\$3,743.31

¹\$100 earmarked for youth scholarships.

OCTOBER STATION FUND²
9/30/11 Beginning Balance\$4,607.76
10/31/11 Ending Balance\$4,607.76

²\$1,669 earmarked for W6CUS Roofing Fund.

Total October Income.....\$38.29
Total October Disbursements.....\$39.88

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

KEEP YOUR BATTERIES CHARGED!

4Cs / EBARC 2011 Holiday Party

December 10, 2011 at 11:30 a.m.

Recreation Room
Tara Hills Mobile Manor
16401 San Pablo Ave.
San Pablo, CA 94806

This is a catered buffet at a new location. It costs \$20 per person. Guests are welcome. Details, directions, and the flyer were attached to last month's newsletter. **You must pay and RSVP by December 3rd. Be sure to use PO Box 20661 (not 20061)!**

General Meeting Minutes November 11, 2011

Randy Jenkins, KA6BQF, Secretary

East Bay Amateur Radio Club General Membership Meeting, El Sobrante Public Library Meeting Room, Friday, November 11, 2011. The meeting was called to order at 19:31 hours by President Ken Fowler. There was a sign-in sheet available. Seventeen members or guests signed in. A round of introductions was the first order of business. The minutes of the October 14 meeting were approved as published in *The Blown Fuse*.

First Vice President Burris reported that tonight's speaker is Bob Vallio, W6RGG; ARRL Pacific Division Director.

Second Vice President Sparks brought the refreshments. Please feed the kitty.

Treasurer Wood presented his finance report for October. The month ended with \$3,743.31 in the general fund and \$4,607.76 in the station fund. There was \$38.29 in income and \$39.88 in expenses for the month.

Third Vice President Primbsch talked about the ballot that will be mailed out. An EBARC membership renewal form for 2012 will be included.

Secretary Jenkins took minutes.

Station Manager Stanton Gleason reported that the club station has no change in status.

Education: Ken commented that we are in the final weeks of Technician class running at WCCAE. A special VE session will be held on 11/22. We will schedule no classes for the winter quarter, and will consider one in the spring.

Web Page: Peter Hoffman reported nothing new.

President Ken Fowler reported:

- 1) There is now a MOU between the ARRL East Bay Section and the Red Cross.
- 2) The 4C's/EBARC Christmas Party is Dec 10th. There is a correction to the P.O. Box number on the announcement (POB 20661 is the correct one).
- 3) There will be a live radio talk show on International Shortwave Broadcasting, Saturday at 1 p.m.
- 4) There is a hamfest scheduled in January in Palm Springs.
- 5) There is equipment for sale by Ken Horn.
- 6) The club seems to be doing well.

Announcements:

- 1) Mike McMillan announced a Contra Costa RACES exercise on Sunday, 11/20. Non-RACES hams can participate.
- 2) Ron Smith commented on an article in *QST* about Skype on radio by Peter Hoffman, W6DEI.
- 3) Randy Jenkins reported on a VE session in Marin 11/19.
- 4) Ken and Randy reported on the EBARC November Sweepstakes awards. Categories for awards are; High Power, Low Power, QRP, and Novice/Technician. Scores are to be combined CW and voice contacts. Your contact log must be submitted to the ARRL and a copy sent to EBARC President, Ken Fowler, by Dec. 5.

Nominations for 2012 EBARC officers were opened. The following persons were nominated:

President – Ken Fowler, KO6NO

1st VP – Jack Burris, K6JEB

2nd VP – Jay Sparks, KJ6HSH

3rd VP – Sharon Primbsch, AA6XZ

Secretary – Michael McMillan, K6MCM

Treasurer – Randy Jenkins, KA6BQF

Ballots will be sent out and need to be returned by December 4th.

Ken also commented that today is a special day, Veterans Day. EBARC veterans were honored for their service. The next general meeting is December 09, 2011.

There being no further business, the meeting was adjourned at 20:04. After the break there was a presentation about ARRL Headquarters by Bob Vallio, W6RGG.

FCC Releases New Rules for 60 Meters

On November 18, the FCC released a Report and Order (R&O), defining new rules for the 60 meter (5 MHz) band. The Amateur Radio Service in the United States has a secondary allocation on 60 meters. Only those amateurs who hold General, Advanced or Amateur Extra class licenses may operate on this band. Amateur stations must not cause harmful interference to -- and must accept interference from -- stations authorized by any administration in the fixed service, as well as mobile (except aeronautical mobile) stations authorized by the administrations of other countries.

Here is a summary of the changes. These new rules will take effect 30 days after they are published in the Federal Register. The ARRL will announce on its website when the rules are published.

The frequency 5368.0 kHz (carrier frequency 5366.5 kHz) is withdrawn and a new frequency of 5358.5 kHz (carrier frequency 5357.0 kHz) is authorized.

The effective radiated power limit in the 60 meter band is raised by 3 dB, from 50 W PEP to 100 W PEP, relative to a half-wave dipole. If another type of antenna is used, the station licensee must maintain a record of either the antenna manufacturer's data on the antenna gain or calculations of the antenna gain.

Three additional emission types are authorized: Data (emission designator 2K80J2D, for example, PACTOR-III), RTTY (emission designator 60H0J2B, for example, PSK31) and CW (150HA1A, i.e. Morse telegraphy by means of on-off keying). For CW, the carrier frequency must be set to the center frequency. For data and RTTY the requirement to transmit only on the five center frequencies specified may be met by using the same practice as on USB, i.e. by setting the suppressed carrier frequency of the USB transmitter used to generate the J2D or J2B emission to the carrier frequency that is 1.5 kHz below the center frequency.

Automatic control on data and RTTY is not permitted; a control operator must be in a position to exercise either local or remote control over the transmitter. The FCC noted that amateur operators must exercise care to limit the length of transmissions so as to avoid causing harmful interference to Federal stations. This is a very important caveat: If a Federal station requires amateurs to cease using a frequency, the amateur station must be able to do so without delay.

At the request of the National Telecommunications and Information Administration (NTIA), the Commission restricted amateur stations operating on the five channels in the 60 meter band to upper sideband (USB) voice transmissions (phone emission 2K80J3E), and to a maximum effective radiated power (ERP) of 50 W peak envelope power (PEP).

For the full article, see <http://www.arrl.org/news/fcc-releases-new-rules-for-60-meters>

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 test dates for 2012 are January 22, April 22, July 22, and October 28. The fee for 2012 remains \$15. Info at 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 \$25 for individual membership, \$30 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. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond.

2011 East Bay Amateur Radio Club Executive Committee

Ken Fowler, KO6NO, President 222-0830
 Jack Burris, K6JEB, 1st VP - Program Chair / Field Day Chair 415-305-2547
 Jay Sparks KJ6HSH, 2nd VP - Hospitality Chair 384-4233
 Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor 741-8227
 John Wood, N6JDW, Treasurer - Finance Committee Chair 967-8685
 Randy Jenkins, KA6BQF, Secretary / Education Chair 526-4089
 Stanton Gleason, KD6SWU, Member-at-Large - Club Station Manager . 385-4044
 Russell Wikander Jr., KI6CEZ, Member-at-Large 847-3583

2011 EBARC's Other Committee Heads and Contacts

Jack Burris, K6JEB, W6CUS Trustee 415-305-2547
 Peter Hoffman, W6DEI, Webmaster, Publicity Chair 525-0694
 Joe Lee, W6DOB, Silent Key Chair 724-0533
 Awards Chair
 Social & Digital Committees Chair
 Legislative Affairs
 RFI Committee Chair
 Historian

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County RACES Net	Thurs	1845 (PL 82.5-)	145.110
EBARC "Explore Net" (HF)	Mon	1930 (USB)	28.425
KARO/ECHO ARES/RACES Net	Thurs	~1900 simplex	146.415
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	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.