

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXIII NUMBER 6

JUNE 2015

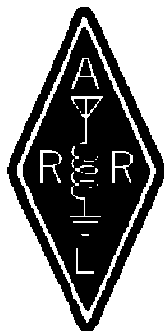
EBARC Meetings

June 12, 2015, 7:30 p.m.

"Field Day 2015"
EBARC Members

The East Bay Amateur Radio Club meets this month at the
El Sobrante Library, 4191 Apian 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 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 July issue: Tues., June 23rd

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

June 12th 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.

At our June 12th meeting, we'll plan for EBARC's participation in Field Day 2015!

President's Message

Jay Sparks, KJ6HSH

Our speaker for May, Kareem Shaik, KK6PUZ, had us on the edge of our seats as he deftly described his high altitude balloon launch with the assistance of The Space Exploration Society at Berkeley. We are hoping he will agree to a second launch coinciding with Field Day. Speaking of which, Ken will be leading the planning and discussion for our June meeting.

Ham radio continues to be on the upswing. I happened to see Morse code used prominently in a recent Hollywood movie, *The Imitation Game*.

Renewed interest in technology is driving youth to become involved in electronics, wireless devices being integral to this. We are in a great position to promote our hobby. I really hope to see a significant member turnout on Field Day. Please try to make the June meeting for our planning effort. Also, Stanton has upped the game for providing refreshments, if that was possible, from the April meeting. Yay Stanton!

Treasurer's Report

April 2015

Randy Jenkins, KA6BQF, Treasurer

APRIL GENERAL FUND¹

Beginning Balance\$4,984.19
Income:
Refreshment Kitty.....\$14.00
Total General Income:.....\$14.00

Disbursements

Blown Fuse\$22.76
Bank Service Fee.....7.00
Total General Disbursements.....\$29.76
Ending Balance\$4,968.43
(portion as petty cash..... \$53.20)

¹\$100 earmarked for youth scholarships.

APRIL STATION FUND

Beginning Balance:\$2,823.14
Income:
Bank Interest.....\$0.12
Total Station Income\$0.12

Disbursements:

Storage Costs\$77.00
Ending Balance\$2,746.26

BADGES BADGES BADGES!

If a few more of you want badges, I'll be able to put in another order – to be available by Field Day. Contact Sharon ASAP at 510-741-8227 or aa6xz@earthlink.net. Cost is \$8.15 each.

EBARC Field Day 2015

Ken Fowler, KO6NO

Field Day is coming up soon; June 27-28 at Cesar Chavez Park, Berkeley! We will need six people to set up on Friday, six to eight operators for Saturday and Sunday, and six to take down on Sunday. Jobs include setting up and taking down tents, power systems, towers, and antennas. Operators include people to operate and log in the afternoon and night. Operation should include CW, Digital, and SSB modes. We'll finalize plans at our June general meeting.

To volunteer, contact Ken at 222-0830 or ko6no@comcast.net.

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

Public Service Event Randy Jenkins, KA6BQF

We have another public service event where EBARC takes the lead in organizing the radio volunteers. The next one is June 6th, the FAGES II BSA hike. Webpage is http://w6sg.net/site/?page_id=205. We still need volunteers for many stations, both drive-up and hike-in. This supports the safety of the Scouts and Scouters who participate. Contact ka6bqf@arrl.net to volunteer. Thanks to everyone who has volunteered so far.

Our own Bill Mitchell, AE0EE (he was AG6RB while he was out here getting his PhD in Chemistry at Cal) is quite avid about contesting, DXing, QRP, public service, and of course heading to Heard Island as part of the VK0EK radio team. He has written a piece for the Midwest Wireless Association about contesting:

http://w0aa.org/docs/misc/ae0ee_contest_tips.pdf

73 and the 92 Code

from Vol. 26, issue 3, Autumn 1998, of *Dots & Dashes*, the Official Publication of the Morse Telegraph Club Inc.

[This article, describing American Morse Code, was suggested by EBARC member Jim McWilliams, K6LHP]

What exactly is the origin of the abbreviation 73 in Morse telegraphy? Richard Loveland, a member of the PA chapter in Philadelphia, Pennsylvania, has sent a copy of an article which originally appeared in the April 1935 issue of *QST Magazine*, that quotes an early 1859 conference. The article, as it appeared, is printed below:

“The December Bulletin from the Navy Department Office of the Chief of Naval Operations contains some extremely interesting information about 73.

“The origin of 73 as the telegrapher’s conventional signal of greeting has been ascribed to a dinner given to Andrew Carnegie on his 73rd birthday by the Order of Military Telegraphers.

“The dinner referred to was given on November 27, 1908, and the signal 73 was played upon in connection with his 73rd birthday. However, investigation indicates that the term 73 was used for many years prior to that time.

“The following material, believed to be authentic, is quoted from the *Telegraph and Telephone Age*, dated 1 June 1934: It appears from a research of telegraph histories that in 1850 the telegraph people held a convention, and one of its features was a discussion as to the saving of ‘line time.’

“A committee was appointed to devise a code to reduce standard expressions to symbols or figures. This committee worked out a figure code, from figure 1 to 92.

“Most of the figure symbols became obsolescent but a few remain to this date, such as 4, which means ‘Where shall I go ahead?’ Figure 9 means ‘wire,’ the wire chief being on the wire and that

everyone should close their keys. Symbol 13 means 'I don't understand;' 22 is 'love and a kiss;' 30 means 'good night' or 'the end.'

"The symbol most often used now is 73, which means 'my compliments,' and 92 is for the word 'deliver.' The other figures in between the foregoing have fallen into almost complete disuse. Mr. J. L. Bishop, Chief Telegrapher of the Navy Department Communication Office, quotes from memory the signals that were in effect in 1905:

1: Wait a minute
4: Where shall I start in message?
5: Have you anything for me?
9: Attention, or clear the wire (used by wire chiefs and train dispatchers)
13: I do not understand
22: Love and kisses
25: Busy on another circuit
30: Finished. The End. Used mostly by press telegraphers to denote the end of a story or closing out.

73: My Compliments or Best Regards
92: Deliver"

Dots & Dashes' editor's note: "I don't know, but getting a big 22 from a lady op somehow just doesn't hold the thrill of 88s."

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, 1st VP - Program Chair / Webmaster..... 525-0694
 Stanton Gleason, KD6SWU, 2nd VP - Hospitality / Club Station Mgr..... 385-4044
 Sharon Primbsch, AA6XZ, 3rd 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

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.