



# Mike And Key



An ARRL Special Services Club

Founded 1914

## SARC Calendar

July

- 7<sup>th</sup> APRS SIG Meeting:  
Sacramento Blood Bank,  
1625 Stockton Blvd. at  
7:00PM
- 14<sup>th</sup> General Meeting: Sacramento  
Blood Bank, 1625 Stockton  
Blvd. Sacramento at 7:00 PM.  
Informal get-together at 6:30  
PM.
- 17<sup>th</sup> Saturday Morning breakfast  
9:00 AM at Bradshaws
- 28<sup>th</sup> Executive Committee  
Meeting, Keith Crandall's  
QTH at 7:00 PM.
- August
- 4<sup>nd</sup> APRS SIG Meeting:  
Sacramento Blood Bank, 1625  
Stockton Blvd. at 6:30PM
- 11<sup>th</sup> General Meeting: Sacramento  
Blood Bank, 1625 Stockton  
Blvd. Sacramento at 7:00 PM.  
Informal get-together at 6:30  
PM.
- 14<sup>th</sup> Saturday Morning breakfast  
9:00 AM at Bradshaws
- 25<sup>th</sup> Executive Committee  
Meeting: Keith Crandall's  
QTH at 7:00 PM.

## FIELD DAY 1999

by Jim Rich, K6SZQ  
Sacramento, Discovery Park:  
Saturday, June 26, 1999, guy wires  
are strung and feed lines are hung  
as SARC kicked off its annual field  
day event. Over a dozen able  
bodied amateur radioteers sweated  
feverishly in the morning sun so  
that the call of CQ could be heard  
once again from Sacramento's own  
W6AK.

Extended high into the morning sun  
were two masts and a half dozen  
dipoles, beams and verticals.  
Insuring all those antennae were  
pumped with enough RF energy to  
fill the airwaves with fields of far  
reaching E and H, a collection of  
generators, suitable for a small  
naval frigate, were assembled and  
coupled to a battery built for the SS  
Nautilus. And while all that work  
was done to reach up and out,  
copper was pounded down and in  
for a tight connection with good old

terra firma. With connections made  
and antennas tuned SARC was up  
and transmitting -- well almost.  
Seems we had a minor problem  
with our 80-meter feed line.  
Despite the 80-meter problem, we  
did get on the air and make a  
boatload of voice and code  
contacts. The 80-meter issue was  
resolved Sunday morning, but a  
little late too take full advantage of  
that busy band. Club members  
managed to keep the rest of the  
bands busy for nearly the full  
twenty-four hours. The club even  
added a new member Saturday  
afternoon when Linda stopped by  
and joined the team. Linda worked  
the air well into the night. Among  
the veteran club members, Frank  
Zawalick, WD6DCV worked QRP  
while Ed Braaten, K6EKB, kept the  
code key clicking away.

With all that tough radio work  
going on the members were treated  
to a tasty Saturday evening  
barbecue. James proved that he  
could heat up more than just a  
hundred watt final as he fired up  
burger after burger for the hungry

Continued on page 2

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# Our People

1999

## SARC OFFICERS

### President

Tom Preston, KQ6EO  
722-9358 KQ6EO@jps.net

### Vice-President

Frank Zawalick, WD6DCV  
682-1589 wd6dcv@jps.net

### Secretary

Jim Rich, N6SZQ  
361-3542 JWRich9@aol.com

### Treasurer

Ed Braaten, K6EKB  
939-1432 k6ekb@arrl.net

### Directors

Les Ballinger, WA6EQQ  
393-4775 lballinger@juno.com

Herb Bennett, KA6VHF  
451-6864 hbenn66018@aol.com

Gary Bryant, KB6KZZ  
646-1171

Keith Crandall, K6QIF  
452-5056 k6qif@cwnet.com

Glenn Hartzell, W6WBO  
428-0885

Jim White, WS6K  
456-9206

### W6AK Trustee

Keith Crandall, K6QIF  
452-5056 k6qif@cwnet.com

### PIO

Carl Jensen, KF6LBM  
443-8866, ericejen@webtv.net

### Newsletter Editor

Tom Preston, KQ6EO  
722-9358 mikekey@jps.net

# PREZ SEZ

By Tom Preston, KQ6EO

Greetings fellow members:

Well, Field Day 1999 was a success. I think there was a slightly larger group than last year and several families came for the barbecue. We have widely varied interests in the members of the club, but I think everyone found something that they could do and everyone seemed to have a good time. All, in all, life was good.

We moved to Discovery Park to get better visibility and there were a lot more people. But, as someone put it, they were probably not the right demographic for us. We probably should search further for "the right location". Someone suggested that next year we should try to get some groups like the Scouts involved and I differently think that is a great idea.

I want to thank all those involved in making this field day a great and fun event. I especially want to give a special thanks to Mike McDermott, KF6RUQ, and Bob Browning, K6RWB, for the great job they did in organization and preparation for this years event.

The last thing I want to mention is that we have decided to expand the SIG meetings on the first Wednesday of the month to cover other areas besides just APRS. In fact if you have a project you need help with, it is the perfect time to bring it in and get others involved in solving your problem, or getting ideas for a direction to go. We have had a couple of people do this and everyone has a good time working together and are very helpful

73 until next month.

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## Field Day 1999

Continued

crew. Dinner also provided a pleasurable introduction to some of our member's families.

Your Field Day co-chairs Bob Browning, K6RWB and Mike McDermott, KF6RUQ thank each and every participant and guest for their involvement. It was our pleasure to serve you this year and look forward to next year. The point tally is still underway at the accounting firm of B&M and Associates. 73 - Bob & Mike.

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## Bear Warning

Submitted by Tom Preston

The Parks Service has issued a BEAR WARNING in the national parks for this summer. They're urging everyone to protect themselves by wearing bells and carrying pepper spray.

Campers should be alert for signs of fresh bear activity, and they should be able to tell the difference between Black Bear dung and Grizzly Bear dung.

Black Bear dung is rather small and round. Sometimes you can see fruit seeds and/or squirrel fur in it. Grizzly Bear dung has bells in it, and smells like pepper spray!

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## Meeting Minutes

### June General Meeting Minutes

The Sacramento ARC meet at the Alhambra Annex of the Sacramento Blood Center on Wednesday, June 9. Our President, Tom Preston, KQ6EO, began the meeting with the usual round of

introductions for the 16 members and visitors.

Tom and Jim Rich, N6SZQ, then led a discussion of field day plans and preparations. It was obvious that many club members had been carefully preparing for our field day operation in Discovery Park. (See elsewhere in this issue for the preliminary field day report.)

The SARC's newest member, James Morikone, KF6UIJ, and Les Ballinger, WA6EQQ, then discussed a major health care provider, with 22 facilities in the state, that is seeking Amateur Radio operators to help it prepare for Y2K emergencies and natural disasters.

Tom then introduced the evening's speaker, our own Ed Braaten, K6EKB. Ed narrated a computer-assisted slide show about "The Dynamic Duo: Kenwood TH-D7A and VC-H1." The TH-D7A is a dual band HT with a built-in TNC. It can be used for DX Packet Cluster, APRS, remote control of a Kenwood HF transceiver, and control of the VC-H1 CCD camera. This digital camera can be used for slow-scan Amateur TV when combined with the TH-D7A. Ed called the TH-D7A "two radios in one". He then demonstrated some of the radio's advanced features.

The meeting concluded with a White Elephant raffle.  
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**June Board Meeting Minutes**  
by Jim Rich, N6SZQ

The SARC officers and Board members met Wednesday evening, June 30, at Keith's house. In attendance were Tom Preston, Frank Zawalick, Jim Rich, Ed Braaten, Les Ballinger, Herb Bennett, Keith Crandall, Glenn Hartzell, Jim White, Bob Browning, and Mike

McDermott. The main order of business was discussing the previous weekend's Field Day operations. Bob and Mike led a useful post-event critique. See elsewhere in this issue for the preliminary report on Field Day. We also considered speakers and programs for future club meetings. We concluded the meeting by discussing a recent request for the club's help from a major health care provider.  
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## July Meeting

Our speaker this month will be Frank Zawalick. He will talk about kits and future kit building sessions. We will also be Field Day. How it went, what people liked and disliked, and how we should change it in the future.

In September Chris Huber will present his slide show on repeaters.

Vice-President Frank Zawalick is looking for ideas for speaker so if you have any thoughts let him know.  
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## BUY, SELL, or TRADE

Advertising of Ham related items are free to club members. So if you have anything to sell or trade or you are looking for something, get the information to Tom Preston, KQ6EO and I will post it here.  
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## Classes and Testing

VE Testing - N6DK in Sacramento  
383-2113

## On the Air

### W6AK

146.91 - PL 100

442.80 + PL 100

224.1 - (coming soon)

Sacramento Valley Noon Net  
Every day at Noon

## On the Net

<http://home.sprynet.com/~w6ak>

w6ak@arrl.net

## Meetings

**General Meetings are the second Wednesday of every month at the Sacramento Blood Center, 1625 Stockton Blvd. Sacramento.  
7:00 PM**

## Please Join Us

VE Testing - W5YI testing in Roseville. Please contact Bob Metke, W6SUP at 783-7610

VE Testing - 3<sup>rd</sup> Saturday of the month at 9:00 AM. Carmichael Elks Lodge, 5631 Cypress Ave. Carmichael. Corner of Cypress and Hackberry.

Ham Classes - RCARCS. Call 492-6115 for further info.  
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## Ham Swaps

GEARS Hamfest and Swapmeet - Chico State University Farm Pavilion. Saturday 7/7/99 from 8:00Am to 4:00 PM. Talkin 146.850 -. Info 530-865-9623 or ko6tw@w6rhc.org

Placerville - 3970B Missouri Flat Rd. #3 Placerville. Third Sunday of the month, 7:00 AM to 11:00 AM. Talkin 146.865 - PL 142.2 or 440.700 + PL 88.5

Livermore Swap Meet - Las Positas College in Livermore. First Sunday of each month, 7:00 AM - 12:00 noon. Talkin 147.04 (from west) or 145.35 (from east).

Foothill Flea Market - Foothill College in Los Altos Hills. Second Saturday of March through October.

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## Emergency Service Organizations

### SBC

Sacramento Blood Center  
Contact Jim Rich N6SZQ

### OES-ACS:

Auxiliary Communications Service of the Governors Office of Emergency Services  
Contact Cary Mangum, State ACS Officer at 916-2621670  
or  
Les Balinger WA6EQQ  
Herb Bennett KA6VHF

### SARCR

Sacramento Amateur Radio Communications Reserve  
Sacramento City RACES  
Contact Chuck Miller KD6AQM at 916-362-5924. Net on Monday's at 19:00 on 145.190 PL 162.2

### CDF-VIP

California Division of Forestry

Volunteers in Prevention  
El Dorado Co.  
Contact Bill Ozment, W6LSW at 530-644-7066

Please contact Tom Preston KQ6EO with any other organizations that should be listed here

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## Contest Reminders

By Tom Preston, KQ6EO

### July Contests

11 : QRR ARCI Summer Homebrew Sprint  
10-11: CQ WW VHF Contest  
10-11: IARU HF Championship  
17-18: SEANET CW Contest  
17-18: North American RTTY QSO Party  
18 : Colombian Independence Contest  
24-25: Venezuela CW DX Contest  
24-25: IOTA Contest  
24-25: Russian Rtty Contest  
31- 1: Georgia QSO Party

### August Contests

1 : YO DX Contest  
7- 8: North American CW QSO Party  
7- 8: WAE CW Contest  
7- 8: Maryland/DC QSO Party  
14-15: SEANET SSB Contest

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## FCC Amateur Enforcement

Compliance and Information Bureau  
Compliance Division  
Attention: Amateur Complaints  
1919 M Street,  
Mail Stop 1500E1  
Washington, D.C. 20554

202-418-1184

Riley Hollingsworth  
717-338-2503  
Fax 717-338-2694

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## Computer HA HA

Submitted by Herb Bennett,  
KA6VHF

A woman called the Canon help desk with a problem with her printer. The tech asked her if she was "running it under Windows." The woman responded, "No, my desk is next to the door. But that's a good point. The man sitting in the cubicle next to me is under a window, and his is working fine."

Overheard in a computer shop:  
Customer: "I'd like a mouse mat, please."  
Salesperson: "Certainly sir, we've got a large variety."  
Customer: "But will they be compatible with my computer?"

I once received a fax with a note on the bottom to fax the document back to the sender when I was finished with it, because he needed to keep it.

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## Sorry

Sorry the newsletter was late this month. Too many things to do in too little time. I promise not to be late again until at least next month. Ed.

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**The Sacramento Amateur Radio Club** Founded 1914. An ARRL Special Service Club. **1998 SARC Officers:** President—Tom Preston, KQ6EO, 722-9358; Vice President—Frank Zawalick, WD6DCV, 682-1589; Secretary—Jim Rich, N6SZQ, 361-3542; Treasurer—Ed Braaten, K6EKB, 939-1432; **Directors:** Les Ballinger, WA6EQQ, 393-4775; Herb Bennett, KA6VHF, 451-6864; Gary Bryant, KB6KZZ, 646-1171; Keith Crandall, K6QIF, 452-5056; Glenn Hartzell, W6WBO, 428-0885; Jim White, WS6K, 456-9206. **W6AK Trustee—**Keith Crandall, K6QIF, 452-5056; **Mike and Key Editor—**Tom Preston, KQ6EO, 722-9358. **Club Dues—**\$16 per year, from January to December (new memberships will be prorated). **The SARC Newsletter, Mike and Key,** is published monthly by and for the membership of the Sacramento Amateur Radio Club. Permission is granted to other amateur radio organizations to reproduce in whole or in part for internal non-profit use, provided credit is given to the SARC Newsletter and to the authors of the reproduced materials. **Articles—**Manuscripts and letters are welcome. Items may be sent to Tom Preston, email at [mikekey@jps.net](mailto:mikekey@jps.net) or snail-mail at *Editor, Mike and Key*, 8425 Arcaro Ct. Citrus Heights, Ca. 95610. **Advertising—**commercial non-personal advertising, business cards through full page, is available. Contact the editor above for information. Classified advertising is free to members of SARC. Submit ads monthly to the Editor at the above addresses.

# Turner Radio Communications

Amateur & Commercial Radio Repairs

**Charles Turner**  
President

720 Granger Ave.  
Sacramento, CA. 95838  
Office (916) 927-7430  
M-F 10am-6pm PST

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FCC License #PG-GB-002420

E-Mail kc6aru@cwo.com

# METRO ELECTRONICS

ELECTRONIC DISTRIBUTORS

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(916) 442-1512  
FAX: (916) 442-1586

## Sacramento Amateur Radio Club

P. O. Box 161903, Sacramento, Ca. 95816-1903

### MEMBERSHIP APPLICATION and RENEWAL FORM

Date \_\_\_\_\_

New  Renewal  Change of Address

#### MEMBERSHIP CLASS

General, \$16.00  Associate, \$16.00  Family, \$16.00+\$5.00 for each additional  Student, \$8.00

Please fill in and circle anything you do not wish to have printed in the SARC Roster.  
Family memberships must reside in the same household.

NAME \_\_\_\_\_ CALL \_\_\_\_\_

LICENSE CLASS:  N  T  T+  G  A  E Birthday \_\_\_\_\_ ARRL Member:  Yes  No

Family member: NAME \_\_\_\_\_ CALL \_\_\_\_\_

LICENSE CLASS:  N  T  T+  G  A  E Birthday \_\_\_\_\_ ARRL Member:  Yes  No

Family member: NAME \_\_\_\_\_ CALL \_\_\_\_\_

LICENSE CLASS:  N  T  T+  G  A  E Birthday \_\_\_\_\_ ARRL Member:  Yes  No

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE (\_\_\_\_) \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

Areas of interest, bands and modes used:

Emergency communications capabilities:

ACS/RACES or  ARES

New memberships in mid-year will be pro-rated.

This form must accompany your check, made payable to SARC. Send to SARC at address above.

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Sacramento Amateur Radio Club  
P.O. Box 161903  
Sacramento, CA. 95816-1903

**FIRST CLASS**

To: