



# Mike And Key



An ARRL Special Services Club

Founded 1914

## SARC Calendar

### October

- 6<sup>th</sup> APRS SIG Meeting:  
Sacramento Blood Bank, 1625  
Stockton Blvd. at 6:30PM
- 13<sup>th</sup> General Meeting: Sacramento  
Blood Bank, 1625 Stockton  
Blvd. Sacramento at 7:00 PM.  
Informal get-together at 6:30  
PM.
- 16<sup>th</sup> Saturday Morning breakfast  
9:00 AM at Bradshaws
- 27<sup>th</sup> Executive Committee  
Meeting: Keith Crandall's  
QTH at 7:00 PM.

### November

- 3<sup>rd</sup> APRS SIG Meeting:  
Sacramento Blood Bank,  
1625 Stockton Blvd. at  
7:00PM
- 10<sup>th</sup> General Meeting: Sacramento  
Blood Bank, 1625 Stockton  
Blvd. Sacramento at 7:00 PM.  
Informal get-together at 6:30  
PM.
- 13<sup>th</sup> Saturday Morning breakfast  
9:00 AM at Bradshaws
- 24<sup>th</sup> Executive Committee  
Meeting, Keith Crandall's  
QTH at 7:00 PM.

## Jim White WS6K SK

By Jim Rich, N6SZQ.

I am sorry to announce the passing of Jim White, WS6K. From the mid-1980's until 1993, Jim was the lead operator for the Sacramento Blood Center's Amateur Radio station, and a leader in the California Blood Bank Society's Amateur Radio Net. He was a past president of the Sacramento Amateur Radio Club, and a member of the SARC Board since at least 1986. We met on the 40 meters CW Novice sub-band in 1986. He was an Extra-class ham, but he slowed down his code speed to accommodate me. He invited me to the next SARC meeting. I went and joined, and soon became involved in SARC and ARES/RACES activities. When I took over as lead operator for the SBC station in 1993, Jim agreed to stay on as the lead alternate operator. He provided me with a lot

of useful advice and help over the years.

I last saw Jim at the SARC meeting on September 8. He came up to me, and in a calm and matter-of-fact way informed me that he was scheduled to undergo brain surgery in a couple of weeks, to remove a growing tumor. He then asked to be temporarily removed as the #2 blood bank volunteer radio operator. Yet despite his illness and the looming surgery, he still found the time and strength to participate in the EMSA drill on September 16.

I do not have the details of his passing. I know that Carl Jensen, another one of the SBC radio volunteers, visited him in the hospital this past Saturday afternoon, and that his death was announced on the City RACES net this Monday evening. I have been told that a memorial service will be held for members of his family. And I will bring a sympathy card for his family to the October 13 SARC meeting, so that all his friends at the meeting can sign it.

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# Our People

1999

## SARC OFFICERS

### President

Tom Preston, KQ6EO  
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### Vice-President

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### Newsletter Editor

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722-9358 mikekey@jps.net

# PREZ SEZ

By Tom Preston, KQ6EO

Greetings fellow members:

It is a sad day for the club. Jim White, WS6K, board member, Friday net control, and valued member of the club passed away last Sunday evening. We will miss you Jim.

We are moving in on the end of the year and elections will be coming up soon. I will be opening nominations at the meeting this month. We have brought some new life to the club this year with the SIG meeting, Saturday breakfast, and the expanded Field Day but we need more to increase the interest of, and fun for, the current members and to attract new members.

Also some of the current board and officers have been in their positions for a very long time and a few would like to take a well deserved break. Step up, run for a club position. We need your fresh perspective and new ideas for the continued health of the great "SACRAMENTO AMATEUR RADIO CLUB". So run for office yourself or convince someone you know would do a good job to give it a try.

Pacificon is this month. It runs the 15<sup>th</sup> through the 17<sup>th</sup> at the airport in Concord. I'll be heading down on Saturday and hope you all get a chance to go.

I have found many items at the Swap Meet and the Vendor Exhibits that I wanted to see 'hands-on' before I purchased them. I also like to get a look at the new equipment coming out in the near future. Hope to see you there.

73 until next month.  
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## Kit Building SIG in November

The November SIG meeting on November 3<sup>rd</sup> will be a kit building meeting. Frank, WD6DCV, has the kit and the crystals. He will also bring the nine-volt battery clips. Kit builders will need to supply the nine-volt battery, a headset, and the phono plug for the headset. If you have it, bring along your soldering iron and tools. If not, just bring yourself. If you need a kit get in touch with Frank at 682-1589.

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## California State Y2K

## Preparedness

From the OES Website.

### Planning Efforts

**Statewide Emergency Planning Committee (SWEPC).** State agency member planning group which meets on a quarterly basis. Agenda throughout 1999 will address Y2K issues.

**Y2K Emergency Preparedness Task Force.** Created by Executive order D-3-99 on 2/17/99, the Task Force will direct all Y2K emergency preparedness efforts through the Governor's Office of Emergency Services (OES). The Task Force meets bi-monthly.

**SEMS Technical Group and Specialist Committees.** To facilitate the mission of the Y2K Emergency Preparedness Task Force, OES has convened seven committees to evaluate possible Y2K problems within the arenas of medical/health, hazardous materials, transportation, utility and

infrastructure, law enforcement, fire and rescue, and emergency human services. Over 200 people from various agencies and disciplines are involved in these committees. These committees have developed the planning assumptions, planning scenarios, and recommended actions that can be used for development of plans and millennium rollover exercises. These committees are overseen by the SEMS Technical Group.

### **California OES has developed the following documents:**

**Y2K Individual Preparedness Guide.** Much of this material is based upon earthquake preparedness guidance. This document has been translated for non-English speaking populations and has been modified for vulnerable populations. It is also being prepared on audio tapes.

**Y2K Potential Impacts Matrix** Outlines potential impacts on a wide range of areas, such as utilities and infrastructure.

**"The Year 2000 (Y2K): Recommended Local Government Planning Actions."** This document provides a broad guidance to local government on Y2K planning, including contingency planning.

**Y2K Questions & Answers.** Frequently asked questions received during presentations and through public contact.

**The Year 2000 [Y2K] and Law Enforcement: A Need to Assess and Plan** This document is the first in series discussing Y2K planning issues for law enforcement.

**Year 2000 and Law Enforcement: Update and Survey Results** - This updates information about law enforcement planning considerations and provides a summary of data from a Y2K law enforcement readiness survey. It is not available on-line, but can be

requested by mail on law enforcement letterhead.  
**Y2K Survey.** A survey designed to assess local government Y2K emergency preparedness and to provide data to support Y2K planning efforts. Results are being compiled and analyzed at present.

### **OES will be developing the following documents:**

**State Y2K Contingency Plan.** OES will be working with local government, other state agencies, and the private sector to develop a statewide plan for the millennium rollover. This will be a major planning effort through Fall 1999. The foundation of the planning effort will be the Standardized Emergency Management System (SEMS) and the State Emergency Plan. During July 1999, the "SEMS Y2K Specialist Committee Findings" and first iteration of the Plan was circulated for review and comment.

**Outreach Documents.** OES is working on personal and family preparedness guides for vulnerable populations, such as the homebound. OES is having key documents, such as the Individual Preparedness Guide, translated for non-English speaking populations. There will also be audio-tapes available.

**Risk Communications Guide.** This document will discuss how public agencies can effectively and accurately convey disaster or emergency risks to the public. The document will have both a general risk focus as well as a Y2K specific annex.

**Early Warning System.** OES is developing an Early Warning System that will gather and assess impacts of Y2K in earlier time zones. Information will be transmitted through California's Response Information Management System (RIMS) which is tied to Federal agencies, key state

## **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**

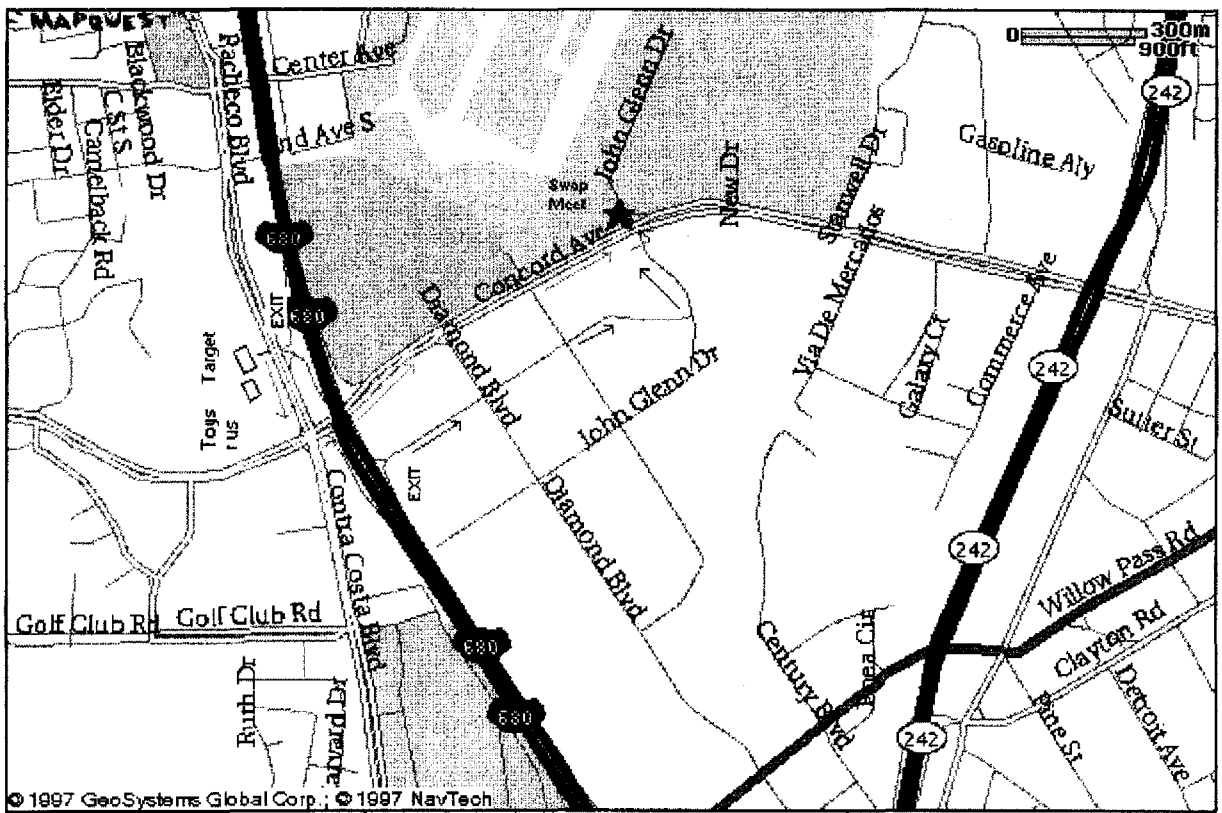
agencies and local government. Currently OES is identifying Essential Elements of Information (EEI) to be fed into this system. This system will include the federal Information Coordination Center (ICC), California's nine foreign trade offices, and various business partners in other countries.

## **Questions and Answers**

The following is a condensation of the questions received at the seven Y2K Local Preparedness Workshops presented statewide in February and March.

### **Public Preparedness & Public Alerting**

**Q.** Who will provide Y2K information to the public, private citizens, schools, disabled, etc. and how will that information be distributed?



Map to Pacificon  
Take 80 west to 680 south to Concord

A. OES has prepared an individual preparedness guide, "Y2K What2Do," now available on our website. We are reaching out to communities with Y2K preparedness presentations through workshops and community forums. The American Red Cross has many brochures available for Y2K and family preparedness. And, OES has links to more Y2K preparedness information through several city, county, and federal websites. The State is also urging local jurisdictions and local media to help get the information out to the public.

Q. Where can the public find reliable information?

A. Updates on the progress of governmental Y2K preparedness can be found on various government websites such as the United States Senate special Committee on the Year 2000

Technology Problem, [www.senate.gov/~y2k](http://www.senate.gov/~y2k), and the California Department of Information Technology at [www.doit.ca.gov](http://www.doit.ca.gov). Community preparedness information can be obtained by contacting your local city or county emergency services office.

Q. Will public school districts extend the 1999 Christmas vacation an extra week so that children will be home with their families during the Y2K turnover?

A. Please check with your children's respective school district office.

Q. With the anticipated abundance of human resources either on duty or on-call over the Y2K turnover period, how can the employees be assured of their family's safety?

A. Contact your employer to see if a special program is planned for families of staff who are on-call or on duty. Also, brochures providing

individual and family emergency preparedness information, including Y2K, are available on the Governor's Office of Emergency Services website, from the American Red Cross(ARC) local offices, and the ARC website at [www.redcross.org](http://www.redcross.org).

#### Utilities

Q. What is OES doing to assess the Y2K preparedness of gas and electric utilities?

A. OES is working closely with major utility companies and regulatory commissions to evaluate Y2K preparations in the electric, fuel, natural gas, telecommunications, potable water, and waste water fields. OES participated in the California Utility Emergency Association Y2K Workshop. In coordination with the California Energy Commission, regional workshops and exercises are being planned that will focus on this

issue. We are working closely with the Public Utilities

Commission to assess the data they receive on utility contingency planning pursuant to the PUC's Resolution.

### Communications

Q. How interrelated are phones with electricity?

A. All phone systems are dependent on electricity. However, if local electrical power is disrupted, telephone systems may still be operational as they often have backup power.

Q. How will overloaded phone lines be handled?

A. Telephone companies place excessive phone traffic into "spiking", or "overload management" mode. This mode has the critical response calls such as "911" programmed so they receive priority over others.

### Electricity

Q. Will the Public Utilities Commission (PUC) impose penalties on those companies not in compliance?

A. The PUC requires updates and reports on utility Y2K readiness and has the authority to sanction utilities under certain circumstances. While companies are concerned about potential sanctions imposed on them by the PUC, they are equally concerned about customer satisfaction, liability issues, and competition with other companies.

Q. Is there any PG&E information for homeowners regarding installing generators?

A. There are very specific instructions about the installation of

generators, and the legal requirements. Information is available from PG&E by calling: 1-800-PGE-5000. The manufacturer's information should also always be read carefully.

Q. Are the electric companies working together on Y2K?

A. Many of the utility companies are working on the Y2K problem in coordination with the National Electric Reliability Council (NERC), the Electric Power Research Institute (EPRI), and the Edison Electric Institute (EEI).

### Water and Waste Water

Q. Does the State Water Resources Control Board (SWRCB) have any specific Y2K contingency plans for private well owners?

A. The SWRCB suggests regular contingency planning which includes backup power sources.

Also, individuals can refer to FEMA's website at [www.fema.gov](http://www.fema.gov) for a checklist of contingency planning actions.

Q. Are there enough manual controls for flood control on local dams?

A. California dams are required to have back-up power. The smaller local dams have less reliance on computer systems making them less vulnerable.

Q. Will waste water treatment facilities be affected by Y2K?

A. Some waste water treatment facilities could be affected by Y2K. The SWRCB is presenting many workshops throughout the state for waste water treatment plants and handlers to help reduce problems with Y2K. Additional information is available on the SWRCB website, [www.swrcb.ca.gov](http://www.swrcb.ca.gov).

### Food

Q. There is a lot of internet information that is alarming to the public with regards to the food supply.

A. The Y2K transition is not expected to cause widespread or severe disruptions in the food supply. Most large grocery chains already have several weeks inventory reserve of basic non-perishable foodstuffs in case of delivery problems or bad weather, so consumers are not likely to feel possible affects of short-term disruptions in most items.

(Koskinen Second Summary 4/26/99)

Federal government's toll-free Y2K hotline: (888) 872-4925

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## Meeting Minutes

### September General Meeting Minutes

The Sacramento ARC meet at the Alhambra Annex of the Sacramento Blood Center on Wednesday, September 8. Our President, Tom Preston, KQ6EO, began the meeting with the usual round of introductions.

John Ronan, K3ZJJ, who is running for ARRL office gave a short campaign speech and talked a little about NARCC.

Next Chris Huber, N6ICW, gave and excellent presentation on his 147.195 repeater system. He talked about the receiver sites, links,

**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.

voters, transmitters, and many other facets of repeater systems. He also touched on the future expansion of his system. He was able to answer a lot of questions that the group had about repeaters.

The meeting concluded with a White Elephant raffle.

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### September Board Meeting Minutes

by Tom Preston, KQ6EO

The SARC officers and Board members met Wednesday evening, September 30, at Keith's house. There was a discussion of possible speakers and topics for future meetings. Keith reported that the 220 repeater is moving again and we discussed possible sites. We then had a long discussion of the 2m/440 repeater. I was concerned about being able to monitor for illegal activity with foreign languages so it was moved and passed that W6AK will be an english only repeater.

We also talked about the kits for the kit building meeting and decided to set aside the November SIG meeting for building the kits.

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## October Meeting

Our speaker this month will be Jim Ulenhoff from the blood bank.

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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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Mike and Key

## Classes and Testing

VE Testing - N6DK in Sacramento  
383-2113

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

PACIFICON Convention at the Concord Airport Sheraton Hotel. October 15 (8AM-7PM), 16 (6AM-7PM), & 17 (6AM-1PM). Swap on Saturday the 16<sup>th</sup>. Info 925-932-6125, [paccon99@pacbell.net](mailto:paccon99@pacbell.net), or [www.pacificon.org](http://www.pacificon.org). Talkin 147.060 + PL 100.

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 Balingher 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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## 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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## 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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P.O. Box 161903  
Sacramento, CA. 95816-1903

**FIRST CLASS**

To: