



# Mike And Key



An ARRL Special Services Club

Founded 1914

## SARC Calendar

### May

- 2nd SIG Meeting: Sacramento Blood Center, Alhambra Annex, 1625 Stockton Blvd, Sacramento at 7:00 PM.
- 9<sup>th</sup> General Meeting: Sacramento Blood Center, Alhambra Annex, 1625 Stockton Blvd, Sacramento at 7:00 PM. Informal get-together at 6:30 PM.
- 30<sup>th</sup> Executive Committee Meeting, Keith Crandall's QTH at 7:00 PM.

### June

- 6th SIG Meeting: Sacramento Blood Center, Alhambra Annex, 1625 Stockton Blvd, Sacramento at 7:00PM
- 13<sup>th</sup> General Meeting: Sacramento Blood Center, Alhambra Annex, 1625 Stockton Blvd, Sacramento at 7:00 PM. Informal get-together at 6:30 PM.
- 27<sup>th</sup> Executive Committee Meeting, Keith Crandall's QTH at 7:00 PM.

## 7 MHZ REALIGNMENT PROPOSED FOR WARC 2003

The FCC's World Radiocommunication Conference 2003 Advisory Committee has approved several "preliminary views" --or PVs--on expected WRC-03 agenda items. Among these is a US preliminary view supporting a realigned 40-meter amateur allocation at 6900-7200 kHz on a worldwide primary basis. The FCC is soliciting public comment on all preliminary views by May 9.

The preliminary view was developed by Informal Working Group 6, which is dealing with most issues of concern to amateurs. ARRL Technical Relations Specialist Walt Ireland, WB7CSL, serves as vice chairman of IWG-6. The PV says that, alternatively, the US could support a 7000-7300 kHz worldwide primary amateur allocation.

Only amateurs in Region 2, which includes North and South America, have access to 7000-7300 kHz; the rest of the world has only 7000-7100 kHz, with the upper 200 kHz allocated for broadcasting. ARRL Technical Relations Manager Paul Rinaldo, W4RI, says the ARRL would prefer going back to the pre-World War II worldwide 7000-7300 kHz scheme. Some broadcasters, on the other hand, would like amateurs worldwide at 6800-7100 kHz, he said, so they would not have to move. A Radio Conference Subcommittee backgrounder from the Interdepartment Radio Advisory Committee--which reflects views of the federal government--said the issue "is liable to be very controversial."

Further complicating matters, Rinaldo said, is the fact that international HF broadcasters want to fold the 7 MHz realignment question into another WRC-03 agenda item examining the adequacy of HF broadcasting allocations from approximately 4 MHz to 10 MHz. Broadcasters are expected to seek additional HF elbow room to accommodate digital transmissions to complement their existing AM channels.

Another PV with implications for amateurs would oppose the use of 420-470 MHz for use by the Earth Exploration-Satellite Service for so-called synthetic aperture radars, or SARs unless it can be shown that the satellites "do not cause harmful interference to amateur systems and stations." SARs are used to map regions on Earth's surface and are expected to be deployed primarily over tropical rain forest areas.

Rinaldo emphasized that the preliminary views do not represent formal US positions and are subject to change as reparations for WRC-03 move forward.

Comments on WAC preliminary views may be filed via e-mail to [wrc03@fcc.gov](mailto:wrc03@fcc.gov). The FCC's WRC-03 Web site, <http://www.fcc.gov/wrc-03>, includes additional information as well as links to related documents.

WRC-03 is scheduled to begin June 9, 2003, and continue until July 4, 2003. The conference is expected to take place in Venezuela. (ARRLB015, 05/04/2001)

## IDAHO GOVERNOR INKS AMATEUR RADIO ANTENNA BILL

Idaho Gov Dirk Kempthorne has signed an Amateur Radio antenna bill into law. The bill, called "The Emergency Communications Preservation Act," incorporates the language of the limited federal preemption known as PRB-1 into Idaho state law. Idaho Section Manager Mike Elliott, K7BOI, has credited John Cline, K7BDS, and his staff at the Idaho Bureau of Disaster Services with leading the effort to get the bill passed.

The new law will require local rules or ordinances involving placement, screening or height of antennas or towers and based on health, safety or aesthetic considerations to "reasonably accommodate" Amateur Radio communication. Such laws also must represent "the minimum practicable regulation to accomplish a legitimate purpose" of the municipal government.

After consideration by the House Business Committee, the measure passed the Idaho House 66-1 and the Senate 34-1. Kempthorne signed the measure into law on April 4. When the new law goes into effect July 1, 2001, Idaho will become the eleventh state to have an Amateur Radio antenna bill on its books.

For more information on the Idaho Amateur Radio antenna legislation, visit the Idaho legislature Website, <http://www3.state.id.us/oasis/H0232.html>. (ARRL Ltr Vol 20, No 15 04/13/2001)

## ALASKA GOVERNOR SIGNS ANTENNA BILL

Alaska Gov Tony Knowles has signed that state's Amateur Radio antenna bill into law. Alaska Senate Bill 78, An Act Relating to Municipal Regulation of Radio Antennas, was signed April 27. It will become effective July 26. Alaska becomes the 12th state to adopt such legislation.

The bill was approved by unanimous votes in the Alaska House of Representatives and Senate. The measure goes beyond incorporating language from the limited federal preemption known as PRB-1 into Alaska's state statutes. It includes a schedule of antenna structure heights, below which municipalities could not further regulate. It also contains a "grandfather" provision to protect existing towers should a municipality enact a restrictive antenna ordinance.

The new law will require localities in Alaska to "reasonably accommodate Amateur Radio antennas" and impose "only the minimum requirements" necessary, although they can require "reasonable and customary engineering practices" be followed.

The measure also will establish a three-tier minimum regulatory height schedule that depends on the population density of the community in which the antenna is installed and the size of the lot on which it is sited. Municipalities would not be permitted to further regulate antennas shorter than 75 feet in areas with a population density of more than 120 people per square mile. A minimum regulatory height of 140 feet would prevail in areas with a population density of more than 120 people per square mile for a lot size of an acre or larger. The top-tier 200 feet minimum regulatory limit would apply in areas where the population density is 120 people or less per square mile. Alaska Section Manager Kent Petty, KL5T, said many of the state's hams deserve credit for helping to obtain passage of the important legislation. Petty said the letters, e-mails, and telephone

calls and legislative testimony "really paid off" and suggested that Alaska amateurs write their representatives, senators and governor to thank them for their "unwavering and unanimous support."

A copy of the Alaska legislation is available as a PDF file on the Alaska legislature's Web site, <http://www.legis.state.ak.us/PDF/22/Bills/SB0078B.pdf>. More information on PRB-1 and Amateur Radio antenna regulation, is at <http://www.arrl.org/FandES/field/regulations/#local>. (ARRL Ltr Vol 20, No 18 05/04/2001)

## Nevada Antenna Bill Gets Favorable Committee Vote

Nevada Assistant Section Manger Dick Flanagan, W6OLD, reports that the Nevada Senate Government Affairs Committee this week referred that state's pending Amateur Radio antenna legislation, Assembly Bill 61, to the full Senate with a "Do Pass" recommendation. The committee aired the bill April 30 in a public hearing. "Even though only three people showed up to voice their support of the bill, there was no one in opposition, and the committee members appeared open to our presentations," Flanagan said. The bill, sponsored by Assemblyman Bob Beers, WB7EHN, passed the Assembly last month on a 40-0-2 vote. Flanagan said all Nevada amateurs can record their opinions via the Legislature Message Center at <http://www.leg.state.nv.us/71st/opinions/> or by telephone or fax. For updates and Senate contact information, visit the Carson Valley Radio Club Web site, <http://www.cvrc.net/ab61/>. (ARRL Ltr Vol 20, No 18 05/04/2001)

## Europe Adopts 5 WPM As Morse Code Standard

The Conference of Postal and Telecommunications Administrations-CEPT- has effectively lowered the Amateur Radio Morse Code test speed to 5 WPM for all European countries. The CEPT Radio Regulatory Working Group (WGRR), meeting last month in The Hague, adopted a revision of Recommendation 61-02 to include the 5 WPM standard. The European Radiocommunication Office published the revised version of T/R 61-02 this month. The revision, which establishes requirements for the issuance of a Harmonised Amateur Radio Examination Certificate (HAREC), reduces the Morse requirement from 12 WPM. "In revising what is known as the CEPT Recommendation T/R 61-02, it has in effect recommended to 44 European countries to adopt the 5 WPM standard," said Wireless Institute of Australia-Victoria President Jim Linton, VK3PC, who closely follows global developments in Amateur Radio Morse code trends. Additional information is available on Linton's Morse code watch site, <http://www.wiavic.org.au/mcw>. More information on CEPT is on the ERO Web site, <http://www.ero.dk>. (ARRL Ltr Vol 20, No 22 03/23/2001)

## Board Meeting Minutes

The SARC Board meeting was held April 25, 2001. The minutes are unavailable for publication at this time.

## May Meeting

The monthly meeting, on 05/09/2001, will be a planning meeting for the upcoming Field Day weekend in June. We encourage all members to join us for this follow-up planning meeting. Bring your ideas and suggestions to the meeting.

## Editor's Comments

I would like to thank Herb Bennett, KA6VHF, for the pictures that were printed in last months newsletter. I would also like to thank Herb for the use of a laser printer to print this and subsequent issues of the SARC newsletter. The "ole inkjet printer" worked when it decided to and then I wasn't sure for how long.

## What A Deal !!

For Sale: Hy-Gain TH6-DXX 20-15-10 Meter Yagi. Make Offer. WD6DCV

## SARC OFFICERS

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[wd6dcv@arrl.net](mailto:wd6dcv@arrl.net)

## Emergency Service Organizations

### SBC

Sacramento Blood Center  
Contact Jim Rich N6SZQ  
361-3542

### OES-ACS:

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

### SHARP

Sacramento County Sheriff  
Amateur Radio Program  
Contact: Jim Collentine,  
K6JMC, 977-1862

## 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

Newsletter sent to  
paid-up members  
only effective  
April 01, 2001

## W6AK

## ON THE AIR

146.91 – PL 100  
224.10 – PL 100  
442.80 + PL 100

## RADIO NET

Sacramento Valley  
Noon Net  
Every Day at Noon

## Membership Meeting

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

## On the WEB

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

[w6ak@arrl.net](mailto:w6ak@arrl.net)

# 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.

**The Sacramento Amateur Radio Club** *Founded 1914.* An ARRL Special Service Club. **2001 SARC Officers:** President—Tom Preston, KQ6EO, 722-9358; Vice President—Tim Tribble, KD6MDV, 689-7680; Secretary—Bob Browning, K6RWB, 689-9594; Treasurer—Ed Braaten, K6EKB, 939-1432; **Directors:** Les Ballinger, WA6EQQ, 393-4775; Herb Bennett, KA6VHF, 451-6864; Keith Crandall, K6QIF, 452-5056; Mike McDermott, KF6RUQ, 682-6994. W6AK Trustee—Keith Crandall, K6QIF, 452-5056; Mike and Key Editor—Frank Zawalick, WD6DCV, 682-1589. **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 Frank Zawalick, email at wd6dcv@arrl.net, or snail-mail at *Editor, Mike and Key,* 8191 Heflin Ct. Sacramento, Ca. 95828. **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.