

SCCARA-GRAM



Santa Clara County
Amateur Radio Association

Volume 13, Number 4

April 1997



President's Prose

SCCARA has a couple of community activities in the works--we had a telephone inquiry about a speaker to address residents at a local senior center concerning Amateur Radio. Frank Glass will speak to them on March 18. The Ponderosa Elementary School in Sunnyvale is holding a fund-raiser on April 5 and we were invited to participate. I don't have all the details yet, but we should be able to put a demonstration station together and man it for at least 4-6 hours that Saturday. Mr. Joe McVeigh attended our dinner meeting in March and filled us in on their wants. These are the types of community events SCCARA is expected to initiate, as a Special Service Club. We should be out there volunteering our participation and not waiting to be called.

I want to set up a pro-active program whereby we contact the public directly and offer to speak about, and to demonstrate, Amateur Radio to anyone anytime anywhere. All we need is enough interested club members. I know a large number of you are retired - can some of you spend a couple of hours each month talking to the public at large about our hobby?

Enough for now - I will disclose more of my ideas next month.

73, Jack, AC6FU



Forgot to Renew?

Below are the calls (or name if no call) of members who have not renewed their SCCARA membership (as of March 10). Please review this list. If your call (name) appears below, then we do not have a record of your renewal. If you did renew and your call is listed, please contact the secretary.

Calendar

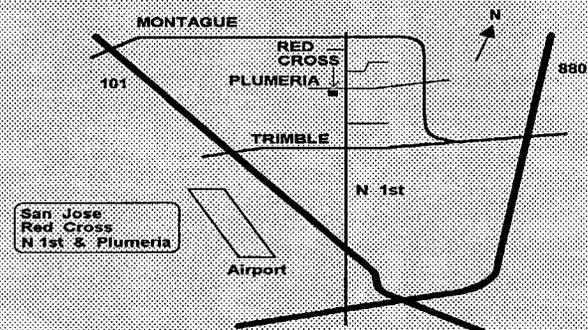
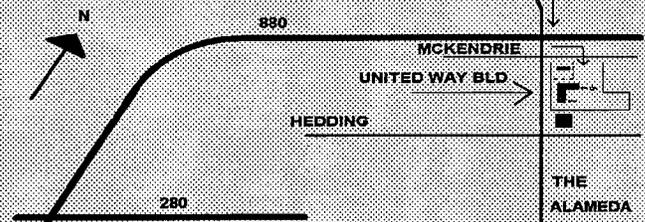
- 4/14 SCCARA General Meeting
- 4/21 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 5/12 SCCARA General Meeting

Next General Meeting:

Day: Monday, April 14, 1997
Time: 7:30 PM
Place: United Way Building
Agenda: Earl Stevens, KC6ZDJ will talk about ARES/RACES and how amateur radio is used in emergency communications

United Way Building 1922 The Alameda

From 880 in San Jose, take the Alameda turn-off South, left on McKendrie, then right into the parking lot (far end).



The *SCCARA-GRAM* is published monthly by the SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION, PO Box 6, San Jose CA 95103-0006. Permission to reprint articles is hereby granted, provided the source is properly credited.

SCCARA was formed as a general interest amateur radio club in 1921 and became a non-profit corporation in 1947. SCCARA is an affiliate of the American Radio Relay League (ARRL).

The club station, W6UW, is currently out of service.

The deadline for SCCARA-GRAM articles is one week before the last Monday of the month.

OFFICERS and DIRECTORS

President	Jack Ruckman, AC6FU	379-4846
Vice President	Barbara Britten, KE6QEI	293-3847
Secretary	Dan Dietz, WM6M	458-3460
Treasurer	Lloyd DeVaughns, KD6FJJ	225-6769
Station Trustee	Stan Getsla, WA6VJY	275-0735
Director	Clark Murphy, KE6KXO	262-9334
Director	Don Apte, KK6MX	629-0725
Director	Don Village, K6PBO	263-2789
Director	Lou Steirer, WA6QYS	241-7999
Director	Wally Britten, KA6YMD	293-3847

STAFF

Editor	Gary Mitchell, WB6YRU	265-2336
Facilities	Don Village, K6PBO	263-2789

COMMITTEES

Repeater	Wally Britten, KA6YMD	293-3847
Youth Group	George Brady, AB6OZ	729-9012

SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

2 meter:	146.385 +	PL 114.8 (none for basic use)
70 cm:	442.425 +	PL 107.2

Phone patch capability is available (auto-dial and auto-patch). The two meter repeater is located in the Mt. Hamilton foothills, Alum Rock area. The 70 cm repeater is located at the Alexian Brothers Hospital, North of 280 and 101.

SCCARA NETS

On our two meter repeater: Mondays at 7:30 PM, (not the second Monday--it's our meeting night). Net control: Joe WA6DXP.

On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally KA6YMD.

Visitors welcome to join in on the SCCARA nets.

IMPORTANT TELEPHONE NUMBERS

SCCARA HOTLINE:	249-6909
ARRL LICENSE (VEC) HOTLINE:	984-8353

DEE W6ACW W6CFK N6CMJ KE6CTH KF6CYE
WB6EMR KE6EOC KE6EOI KC6FGX KE6GDA
WA6GKV W1HBQ W4HCX KD6HIK KE6HM KD6HNG
KE6IKV K6IUU KN6K N6KMQ KB6LFZ KE6MEA
KE6MGQ KE6MGR KE6MQU KE6NHK N6OHK
KB6OHO AA6ON WB6ORU KD6PAB N6PCQ KC6PUQ
W6FS KD6QEI KD6QEJ KE6QKJ KC6QOC KD6RXI
N6TYI WN6U WA6UBE KM6UJ WE6V WA6VJY
KC6VPZ KC6VVU AC6WG KE6WHE N6YLM W6ZM
KE6ZOV W6ZRJ KD6ZUC KE6ZXU

Good & Welfare

Norm Norman, KC6VPZ broke his hip in a fall at home in late November and is still under treatment. According to his wife Barbara, he would welcome visitors and/or cards and letters. He doesn't have a telephone in his room unfortunately. Norm would really like to see or hear from SCCARA members.

Barbara says that a long recovery period is expected as Norm also has Parkinson's.

If you would like to see or write to Norm, here is his temporary address:

Norn Norman, KC6VPZ
Pacific Hills Manor
Room #9, Bed B
370 Noble Court
Morgan Hill, CA 95037

Should you wish Barbara to pass along any message, you can reach her at 408-947-1011.

Dan, WM6M

Meeting Minutes

General Meeting, March 10, 1996



This meeting was a dinner meeting held at the Country Harvest buffett in Santa Clara. There were 38 attending the dinner.

President Jack, AC6FU welcomed the group and mentioned that he has been receiving questions and calls regarding amateur radio license classes. There are no known plans for a Novice class in the bay area this year. The possibility of conducting a Novice class in the Fall or sooner will be discussed at the next board meeting. Don, KO6HH

expressed his interest in instituting a seminar-style class. Jack also mentioned that he would like to organize a group of volunteer speakers to address and introduce amateur radio to interested public groups.

Board Meeting, March 17, 1996



Meeting called to order at 7:32 by VP Barbara, KD6QEI in the absence of President Jack, AC6FU who was ill.

Attending were: Barbara, KD6QEI; Wally, KA6YMD; Gary, WB6YRU; Lou, WA6QYS; Dan, WM6M; Don, K6PBQ; Clarke, KE6KXO; Lloyd, KD6FJI; Don, KO6HH; and Bob, N6PCQ.

OLD BUSINESS

We have not received confirmation of liability insurance coverage from the Wohlers Company. Lloyd will check with them to make sure we are covered.

There will be a Walk-A-Thon held April 5th at the Ponderosa Elementary School in Sunnyvale. Volunteers are needed to setup, run and tear down a radio demonstration station between 7 AM and 7 PM.

We need new SCCARA business cards. The new cards should show the meeting dates and times for regular and board meetings as well as the hotline number. Gary, WB6YRU will create camera ready art and have a lot of cards printed. The board authorized and funded Gary to proceed with this project.

There is no new report on the possible use of Valley Village Retirement Center as a meeting site for regular meetings. It was originally thought that their bingo activities on Monday nights would preclude having SCCARA meetings on Mondays there. It has been learned that their bingo sessions end around 7:30 PM. If SCCARA would delay the start of their meeting a bit, the site might be quite suitable. Barbara will advise as she is informed.

NEW BUSINESS

The speaker for the April general meeting will be Earl Stevens of RACES and ARES.

Don, K6PBQ reported that the Christmas Dinner was set for Friday, December 12, at the Hungry Hunter restaurant in Milpitas.

Don, KO6HH addressed the issue of conducting a Novice class this year. This will be a two weekend class as has been done in the past with good results. SCCARA will organize, promote and conduct a Novice class this year.

Gary, WB6YRU reported that decision time grows near for the move of the N0ARY BBS. Bob, N0ARY has two options available. It is known that an ISP (internet service provider) would host a site for the BBS. The other option is that SCCARA would accommodate the equipment at the Alexian Brothers hospital site. If SCCARA proceeds with hosting the BBS, we will have the possibility of establishing and running a website. Dan, WM6M advocates establishing a web presence as part of promoting SCCARA activities and news. (See the Santa Cruz Radio Club website at www.scruc.net/~rons/SCCARC_HP.html for an example of what can be done. Dan, WM6M)

Field Day '97 needs a chairperson. Anyone interested in organizing this activity should contact a board member ASAP.

The radio room at the Red Cross will soon have an antenna. We have permission and an approved site on the roof for a vertical antenna. This will be installed soon.

Meeting adjourned at 9:47 PM.

Dan, WM6M
SCCARA Secretary

FCC Enacts Internet Code Requirement

The FCC, under pressure to clean up the Internet, especially after the Communications Decency Act provisions regarding Internet content regulation were stricken as violating the U.S. Constitution, has decided instead to create a Morse code requirement for Internet users. Citing the success of the Amateur Radio Service and the general belief that it's requirement for operators to pass a Morse code proficiency exam and other technical requirements, has kept the A.R.S. "clean," the FCC will enact a 5 word-per-minute requirement for all Internet users. They are leaving open the issue of whether there should be a "codeless" class of Internet user and are soliciting comments on the proposal. Presumably, a "codeless" user would be restricted to web pages published by household magazines and kitchen equipment suppliers.

Persons wishing to develop web sites that have actual content, as compared to just links to other web sites, must pass a 20 word-per-minute Morse proficiency in HTML and the Java programming language, and show that they have mastery of at least one human language such as English or Esperanto.

The FCC, which lacks budgetary authority to implement the testing program, has stated that it intends to create Volunteer Examiner programs for internet applicants.

From Ham Radio Online, sponsored by Virtual Publishing Company. Originally from the November '96 edition of "The Long Wire" published by The Liverpool Amateur Repeater Club, Inc., as printed in the ARNS Bulletin

[Happy April 1st everyone! ☺ -- Editor]

Packet Pieces

Downloaded from the packet network:

=====
Date: 6 Mar 97 07:31
From: W1AW@W1AW
To: QST@ARRL
Subject: ARLB012 FCC proposes changes to S/S regs

From ARRL Headquarters, Newington CT March 5, 1997

FCC proposes changes in spread spectrum regs

Responding to a petition for rulemaking from the ARRL, the FCC has proposed in WT Docket 97-12 to adopt changes in its Amateur Service rules governing spread spectrum. In spread spectrum the energy of the transmitted signal is distributed among several synchronized frequencies within a band and reassembled at the receiving end. This reduces power density and duration of a transmission on a particular frequency and lets spread spectrum almost invisibly share the same spectrum with users of other, narrow band modes. Spread spectrum also provides for improved communication under poor signal-to-noise conditions and in selective fading and multipath environments, and the ability to accommodate more communication channels operating simultaneously in the same spectrum.

The League's December 1995 petition asked the FCC to relax its rules to give Amateur Radio more opportunities to contribute to the development of spread spectrum techniques. Specifically, the League sought to have the FCC relax restrictions on spreading sequences and asked for greater flexibility in spreading modulation. In response, the FCC now has proposed to drop rules restricting amateur stations to transmitting only frequency-hopping and direct-sequencing spreading techniques. As requested by the League, the FCC also has proposed to require automatic power control for spread spectrum transmitters, to ensure use of the minimum power level needed to carry out communication.

The FCC also went along with the League's request to

permit brief test transmissions using spread spectrum and to allow international spread spectrum communications between amateurs in the US and those in countries that allow hams to use spread spectrum. The current rules allow only domestic communication.

The use of spread spectrum techniques was first approved for Amateur Radio in 1985 for bands above 225 MHz and at power levels up to 100 watts, and there has been some experimental amateur operation since then. The FCC also has authorized Special Temporary Authority (STA) in some instances to allow broader SS experimentation. Since spread spectrum was introduced in the Amateur Radio service, commercial spread spectrum applications have been developed, including personal communication services, remote meter reading, and position locating. But, the League had argued that rules limitations held back further spread spectrum experimentation. No changes are proposed in the frequency bands where spread spectrum is permitted.

The FCC said the rule amendments would "increase spectrum efficiency and allow amateur operators to contribute to technological advances." Comments on the NPRM in WT Docket 97-12 are due May 5, with reply comments due June 5.

=====
Date: 9 May 94 02:51
From: N1OYZ@K1RQG
To: HUMOR@ALLUS
Subject: Letter from Home!

A Maine's Mother Letter From Home.

Dear Son.

I am writing this letter Slow because I know that you can't read fast. This is an update of what your home life would be like if you were here.

Your Uncle Dick was drowned last week in a vat of whiskey in Zielinski's brewery. Four of his work mates dived in to save him, but he fought them off. We creamated his body and it took 3 days to put out the fire.

Kate your sister is now working in a factory in Bangor. She's been there for 6 weeks, I'm sending her some underwear as she says she's been in the same shift since she started.

Your father didn't have much to drink at Christmas. I put a bottle of castor oil in his quart of beer and it kept him going 'til the party we went to New Years eve.

We went to the Doctor and he put a glass tube into my mouth for 30 minutes, your father offered to give him Ten dollars for it!

The weather has been not too bad, it only rained twice last week. First for 3 days and then for 4 days.

We received a letter form the Undertaker

yesterday. He said that if the last Installment wasn't paid on your grandmothers funeral within 7 days, up she comes. Well thats it for now Son, I have to run now and go help your Father, he got glue on his finger and now it's stuck-up his nose!

Your loving Mother,

P.S. I was going to send you \$10.00 but I've already sealed the envelope.

Packet station N1OYZ

=====
Date: 8 Oct 94 14:28
From: N5EQO@N5UXT
To: HUMOR@ALLUS
Subject: COMPUTER

Scientists completed building the largest and most powerful computer ever, with a zillion gigabytes of memory. They entered all the known information we have accumulated since the beginning of time. When they switched it on, the first question they put to the super computer was: "Is there a God?"

The computer exclaimed, "There is now!"

Nancy Carson
From The Happy Club de Nick N5EQO

Need Help?

Amateurs have a long history of helping each other. An experienced amateur who helps another is traditionally called an "Elmer." If you have a question or problem, you are encouraged to ask one of SCCARA's Elmers. Below is a list of topics including who to contact for each.

If you consider yourself to be reasonably competent in at least one area of amateur radio and would be willing help others, please ask the club secretary for an Elmer survey form and fill it out.

Antennas, feed-lines, tuners:
WB6EMR, AC6FU, K6PBQ, K6RQ, WB6YRU
Lightning protection, grounding: WB6YRU
Station set-up, equipment: AC6FU, K6PBQ, K6RQ
TVI/RFI: WB6YRU
Homebrew projects, construction: AC6FU, KD6FJI, WB6YRU
Computers: KB6NP; IBM PC: WN6U, WB6YRU
Packet Network (BBS, forwarding): WB6YRU
Other digital modes (AMTOR, RTTY): WN6U
Code operating and installations:
WB6EMR, AC6FU, K6PBQ, K6RQ
Contesting & techniques: K6RQ
DX (long distance/propagation): WB6MER, K6RQ
Emergency operating/preparedness: WA6QYS
FM (VHF/UHF, repeaters): WA6VJY
HF operating techniques (SSB, CW):

WB6EMR, AC6FU, K6PBQ, K6RQ
Mobile operating: K6RQ, WN6U
NTS & traffic handling:
QRP (HF low power, all modes): WN6U
TEN-TEN (10 M only): AC6FU
Classes/license upgrading: W6ACW, AC6FU
Legal/FCC rules: WB6YRU
SCCARA (club inner workings):
K06HH, K6PBQ, WA6VJY, WB6YRU, WA6QYS
Math applications: AC6FU
Children's Discovery Museum, volunteer operator: K6PBQ

W6ACW, Ed Hajny, (408) 739-6105

WB6EMR, James D. Armstrong, Jr.,
day: (408) 995-0621, evening & msg: (408) 945-1202

KD6FJI, Lloyd DeVaughns,
day: (408) 299-8933, evening: (408) 225-6769
packet: home BBS KB6MER

AC6FU, Jack L. Ruckman, (408) 379-4846

K06HH, Don Hayden, (408) 867-4643
packet: home BBS NOARY

KB6NP, Jon Dutra, day & msg (408) 428-2058
evening (408) 867-8654
packet: home BBS NOARY
internet: jad@aol.com

K6PBQ, Don Village, (408) 263-2789

WA6QYS, Lou Steirer, (408) 241-7999
packet: home BBS NOARY

K6RQ, Frank Glass, (408) 356-1026

WN6U, Doug Eaton, (408) 377-3736
packet: home BBS NOARY
internet: wn6u@compuserve.com

WA6VJY, Stan Getsla, day: (408) 738-2888 x5929,
evening & msg: (408) 275-0735

WB6YRU, Gary Mitchell, msg (408) 265-2336
also (408) 269-2924
packet: home BBS NOARY
internet: wb6yru@arasmith.com

Newsletter Notes

If you haven't renewed your SCCARA membership, this will be your last SCCARA-GRAM. Don't let that happen--please do it now while you are thinking about it.

Elsewhere in this issue is a list (call signs) of the members who have not yet renewed according to the latest roster. It's important to look this over whether you renewed or not. If you did renew and your call is listed, contact the secretary, Dan WM6M (see masthead) as soon as possible.

73, Gary WB6YRU, editor

ARRL Pacific Division Update

April 1997

New HAM Volunteer Services Bill

During the week of March 9, Rep. Anna Eshoo (CA, 14th Dist.), along with 21 cosponsors, introduced the Amateur Radio Volunteer Services Act of 1997 (HR 1013) into Congress. This bill, if enacted, would place volunteers in the Volunteer Examination Program and the Amateur Auxiliary under the protection of the Federal Tort Claims Act by affording them the same legal protection as employees of the Federal Government while they're carrying out such volunteer duties. Rep Eshoo, in her comments, stated that amateurs save the government time and money, and that it was unfair for the volunteers not to be provided with some element of legal protection while performing their volunteer services. The full text of the bill can be found in the Thomas section of the Library of Congress web site.

FCC Issues Spread Spectrum NPRM

On March 9, 1997, the FCC issued a Notice of Proposed Rule Making (NPRM), WT Docket 97-12, proposing to make significant changes in the regulations governing Amateur Radio use of spread spectrum (SS) technology. The changes are proposed in order to encourage greater use of this mode, a mode that is expanding very rapidly in commercial circles, but hardly at all within the Amateur Radio community. This NPRM was in response to an ARRL petition submitted on Dec. 12, 1995.

The text of the Docket can be found on the FCC web site at <http://www.fcc.gov/Bureaus/Wireless/Notices/1997/fcc97010>. Further details will be made available on the Pacific Division web site and to the Pacific Division alert teams. For those wishing to comment on this Docket, comments are due no later than May 5 1997, while reply comments are due no later than June 5.

Committee Proposes New Licensing Plan

One of the charges given to the ARRL WRC-99 Planning Committee by the ARRL Board of Directors early last year was to study the US amateur licensing structure. A full discussion of the Committee's proposals related to the US licensing structure is given in March QST at page 55. Please read it and offer your comments to ARRL and to me.

My thanks to all of you who have written already. I have read each e-mail and hard copy letter and noted your thoughts. My goal is to respond to each of you in the Division who have written me directly.

Please remember that this is just a proposal and

there is no certainty that the ARRL Board will adopt this or any other proposal on this matter. Further, it is not clear that the FCC is even interested in revising the Amateur Radio licensing and testing structure.

In addition to the US license restructuring matters, the WRC-99 Planning Committee of the ARRL Board was charged with the task of developing recommendations to be passed on to the US Government delegation to WRC-99, dealing with potential changes in the International Telecommunications Union Rules governing the Amateur Service. This activity resulted in the survey published in QST last August, as well as an additional mail survey subjected to careful statistical controls. The results of this survey were published in QST for Jan., 1997.

ARRL VEC Pac. Div. Phone Number

To obtain all the Amateur Radio license testing information for the ARRL VEC Pacific Division, call (408) 984-8353. Follow the menu to obtain the necessary details.

E.R.I. '97 Again In Sacramento

You and your organization are cordially invited to participate in the Northern California Emergency Response Institute, May 17-18, 1997, in Sacramento, California. This year's Institute is once again being hosted at the Sacramento Municipal Utility District's Energy and Technology Center, and is sponsored by the Governor's Office of Emergency Service's Auxiliary Communications Service and the California Emergency Services Radio Association (CESRA).

To register, you may:

(a) Visit the ERI '97 Home Page at <http://www.garlic.com/oes/eri/eri97.html>. You may download the registration form and mail or fax it back to them. The web site displays the Emergency and Technology Center site, gives transportation information, lodging and restaurant recommendations, along with links to Sacramento visitor information pages.

(b) E-mail to larion@garlic.com for a registration information packet.

(c) Drop a note with your registration to ERI '97 PO Box 301 Fair Oaks, CA 95628.

Seats tend to fill fast at the Institute, so get your \$20.00 registration in early so you don't miss out. Make out checks or money orders to ERI '97.

Questions? Contact Institute Director Dave Larion, N6JQJ, at (408) 778-7265, by e-mail at larion@garlic.com, or by fax at (408) 778-3101.

Avalanche of New Antenna Ordinances

There is a huge new wave of antenna ordinances being proposed by cities and counties. These ordinances are being driven by the spectrum purchases and by new and expanding Cellular and Personal Communications Services licenses.

All of us need to be aware of this trend. When you first sense any of this action in your community, contact your Section Manager, the ARRL Regulatory Information Branch, and me immediately so that we can get help to you and the rest of the hams in your community. The key to a successful defense is to separate the commercial interests from Amateur Radio in the minds of the city officials. It's vitally important that your city or county officials understand Amateur Radio involvement with emergency communications - this story must be told repeatedly, especially before the antenna ordinance crisis develops!

Latest Band Threat News

2m/1.25m/70cm Band Threats

At the Feb. 13 meeting of the IWG-2A, the Little LEO folks added a last minute request for the bands from 219-225 MHz. The Amateur Radio community responded with an avalanche of e-mail messages opposing the Little LEO flexible allocation plan. The IWG-2A committee offered its recommendations to the FCC's Industry Advisory Committee on March 5 - without the flexible allocation plan being in the main body of its report as a formal recommendation. This does not mean that we are out of the woods on this matter, for it's still being pushed by the Little LEO folks. However, the fact that the flexible allocation plan was not a part of the formal report from IWG-2A is gratifying just the same. Additional details can be found in the ARRL Letter for March 7, 1997.

Thanks to all who responded to the last minute plea for comments on the flexible allocation plan. The period for public comment has ended, so no additional comments on the subject will help at this time.

2300-2310 MHz Band Threat

The FCC issued a Report and Order on Feb. 19, 1997, on this matter. The FCC created the Wireless Communications Service (WCS) and a new Part 27 to the FCC rules. They also changed Part 97. In summary, we retained the secondary allocation from 2300-2310 MHz. Instead of the Federal Government, the new primary allocation at 2305-2310 MHz is WCS - yet to be developed. There is no primary allocation in the US at 2300-2305 MHz.

Please also note that this Report and Order does NOT include any action on the ARRL petition submitted to elevate our status to primary in 2300-2305 MHz. That petition is still pending.

See Jan. QST, p. 16; Feb. QST, p. 16 and the ARRL web site.

FCC Drops Date of Birth Information

On Feb. 21, 1997, as a result of a privacy review, FCC dropped Date of Birth information from licensing records. Unfortunately, this loss of information means that

I will no longer be able to send my personal letters to the youngest and the most senior new licensees in the Division.

Awards and Scholarships

There are many awards and scholarships covering a wide range of situations available to licensed Amateurs. Contact the Field Services Dept. at ARRL HQ for details. The Foundation for Amateur Radio, Inc. plans to administer sixty college scholarships for the academic year 1997-98 to assist licensed Radio Amateurs. Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 1997 from: FAR Scholarships, 6903 Rhode Island Ave, College Park MD 20740.

The Dayton Amateur Radio Association is now accepting applications for its 1997 college scholarships. Amateur Radio licensees graduating high school in 1997 are eligible for \$2000 scholarships. Interested students should send a self-addressed, stamped envelope for an application to DARA Scholarships, 45 Cinnamon Ct, Springboro OH 45066.

Coming Events

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, CA, 7:00 AM to noon, all year. Talk in 147.045 from west, 145.35 from the east. Contact Noel Anklam, KC6QZK, (510) 447-3857 eves.
- Foothill Flea Market - 2nd Saturday of each month from March to September at Foothill College, Los Altos CA.
- The 1997 International DX Convention will be held at the Holiday Inn, Centre Plaza, 233 Ventura St, Fresno CA 93271, (209) 268-1000, April 4-6, 1997. Contact Gordon Girton, W6NW, PO Box 60307, Sunnyvale CA 94088-0307 or gordon@svpal.org for details. The cost for the convention, including Saturday evening banquet, is \$65.
- The Valley of the Moon Amateur Radio Club, WB6DWY, is holding its annual ARRL Hamfest Saturday, April 26, 1997, from 8:00 AM to 3:00 PM at the Sonoma Development Center, 15000 Arnold Dr, Glen Ellen CA. Talk-in will be on 145.35-, PL 88.5. For more information call Darrel, WD6BOR, at 707-996-4494.

Brad Wyatt, K6WR
Director, ARRL Pacific Division

18400 Overlook Rd. #5
Los Gatos CA 95030-5850
(408) 395-2501 (voice & fax)

Packet: K6WR @ N0ARY.#NCA.CA.USA.NOAM
Internet: k6wr@arrl.org
Pacific Division WWW Home Page <http://www.pdarrl.org/>



S.C.C.A.R.A. Membership Form for 1997

(Fill in name and address if there is no mailing label below; make corrections if the label is incorrect)

Name: _____ Call: _____ Class: E A G T+ T N

Address: _____ Licensed since (yr): _____

City: _____ State: _____ Zip: _____ - _____

Telephone: () _____ New Member I'm also an
 Renewal ARRL member

E-mail: _____ Packet: _____

For family memberships (at the same address), please list other name(s) and call(s):

Annual membership dues are payable at the first of the year and expire the following December 31. New members joining on or after July 1, pay half the membership dues.

Annual Membership dues: Individual \$15 Family \$20 Student (under 18) \$5 _____

I want _____ SCCARA badges @ \$3 ea. Badge name & call: _____

Please send the repeater Auto-Dial/Auto-Patch codes (no charge, circle): Yes
WE MUST BE ABLE TO VERIFY YOUR AMATEUR LICENSE
BEFORE ANY REPEATER CODES WILL BE SENT TOTAL: _____

Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the return address below:

== PLEASE DO NOT TEAR/CUT ==

**SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION**

PO BOX 6
San Jose CA 95103-0006

Affiliate of the American Radio Relay League

NONPROFIT ORG. US POSTAGE PAID SAN JOSE CA PERMIT NO 3318

FORWARD & ADDRESS CORRECTION