

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 18, Number 2

February 2002



## President's Prose

Our first meeting of the year was short. We welcomed our new secretary to his position at the January meeting. I am thankful that he took the post and told him that I will help him in any way I can.

I had a report from Don Village regarding his meeting with Angie Martinez at Lake Cunningham Park. Angie, Don Village, K6PBQ; Mike Hastings, KC6LCJ; and Lou Steirer, WA6QYS, met at the maintenance yard at 10:00AM, to do a walk through the area that we would be occupying at Lake Cunningham Park for Field Day 2002. Angie took over for Brian Hutchings at Lake Cunningham as of December 3, 2001. The meeting went well. Angie told Don that the park could bring 5-7 picnic tables to our site. That would help a lot. She is also checking on the necessity for a diesel rather than a gas generator. They want to have special events at the park to attract more people to the park. There are other details to be worked out yet with the parks and SCCARA, but things look very promising for SCCARA to hold Field Day at Lake Cunningham Park in June 2002. This will be a new area for us and will present new challenges for SCCARA. I think we will have a good time and get a bigger turnout than in past years.

The new Technician Class being held at Kaiser Santa Clara on Tuesday's and Thursday's in February, is all set. Don Hayden reports that he has a full class of 30 people. I will be attending to help my own knowledge. When I studied the book to get my Tech license, there were some things I really didn't understand. Now I have an opportunity to change that with this class.

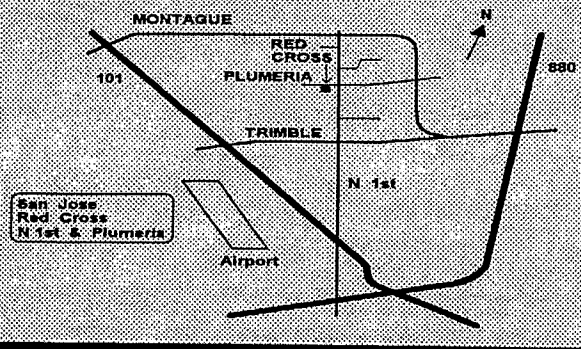
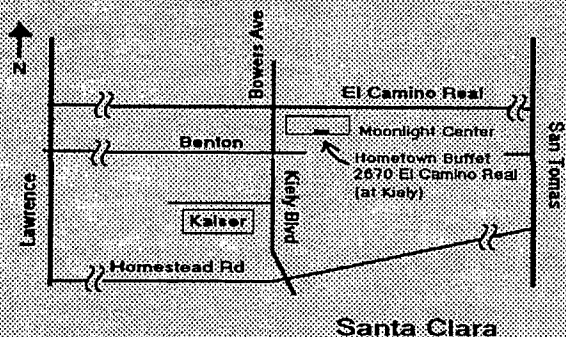
There have been several members of SCCARA who have been ill. Velma Ponce is at home receiving chemotherapy at home for a brain tumor. I talked with her on 1/20/02 and she told me she was feeling better. Joan Hastings had a case of cellulitis on her leg. After some time off and antibiotic therapy, she has returned to work. Bill Parent also had a case of cellulitis and has returned home after 3 days in the hospital. He is doing okay as well. I am doing okay, too. I still have to be chauffeured everywhere.

## Calendar

- 2/11 SCCARA General Meeting--dinner meeting
- 2/18 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 3/11 SCCARA General Meeting

### General Meeting:

Day: Monday, Feb. 11, 2002  
Time: 6:00 PM  
Place: Home Town Buffet, Santa Clara  
Featuring: Dinner meeting



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.

**The deadline for articles is one week before the last Monday of the month.**

SCCARA was formed in 1921 and became a non-profit corporation in 1947. SCCARA is an affiliate of the American Radio Relay League (ARRL). The club station is W6UW. Web page: <http://www.qsl.net/sccara>.

#### OFFICERS - DIRECTORS - STAFF

President	Barbara Britten, KD6QEI	293-3847
	e-mail: ka6ymd@juno.com	
Vice President	- - -	
Secretary	Willie Maquinalez, KG6HJE	847-4033
	e-mail: williemaq@hotmail.com	
Treasurer	Lloyd DeVaughns, KD6FJI	225-6769
	e-mail: ldevaughns@aol.com	
Station Trustee	Stan Getsla, WA6VJY	275-0735
	e-mail: wa6vjy@juno.com	
Director	Clark Murphy, KE6KXO	262-9334
	e-mail: clarkcmurph@yahoo.com	
Director	Don Apte, KK6MX	629-0725
	e-mail: aptekk@aol.com	
Director	Don Village, K6PBQ	263-2789
Director	Lou Steirer, WA6QYS	241-7999
	e-mail: wa6qys@aol.com	
Director	Wally Britten, KA6YMD	293-3847
	e-mail: ka6ymd@juno.com	
Editor	Gary Mitchell, WB6YRU	265-2336
	e-mail: wb6yru@aenet.net	

#### COMMITTEES

Repeater	Wally Britten, KA6YMD	293-3847
	e-mail: ka6ymd@juno.com	
N0ARY BBS	Gary Mitchell, WB6YRU	265-2336
	e-mail: wb6yru@aenet.net	

#### 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 auto-dial and auto-patch is available. The two meter repeater is located at the Santa Teresa Hospital, south-west San Jose (near IBM). The 70 cm repeater and N0ARY BBS is located at the Regional Medical Center (formerly Alexian), east of downtown San Jose (north of 280 and 101).

#### SCCARA NETS

On our two meter repeater: Mondays at 7:30 PM, (not the second Monday--our meeting night). Coordinator: Don K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally KA6YMD. Visitors welcome.

#### N0ARY PACKET BBS

SCCARA hosts the packet BBS N0ARY (San Jose). User ports: 144.93 (1200 baud), 433.37 (9600 baud), telephone 408 259-8497, internet (by registration only, get info by sending e-mail to: [info@n0ary.org](mailto:info@n0ary.org)). Sysop: Gary WB6YRU

#### TELEPHONE NUMBERS

SCCARA contact Clark KE6KXO: 408 262-9334  
ARRL/VEC Silicon Valley VE group: 408 243-8349  
[me-ae6z@worldnet.att.net](mailto:me-ae6z@worldnet.att.net)

The wound is healing. I can't go back to work until I can drive, and the wound is completely closed up. I have not talked with Och or Dick Barrett for their updates. I will have those by the next meeting.

Around Christmas time, I received a picture from Ben (KA6R) and Susanne Wilbanks. It has many faces I do not recognize. I took it with me to the Friday ham lunch that is held at Carrow's Restaurant on Saratoga Road. Shorty Freitas (AE6Z) was there and was able fill in some of the names. I was told to contact Och and Dick Barrett for more names. I will contact them and schedule a time to take the picture over for them to see if they can fill in some names as well. I'm sure they would enjoy seeing all those faces. I wonder what memories the picture will help them recall. Shorty seemed to think the picture was taken at a ham convention held in Modesto in about 1944. I want to fill in most of the names and then give it to Jim Maxwell for the Ham radio museum he is collecting memorabilia for, with the club's permission.

In the February 2002 issue of World Radio magazine, there was a printing of "The Ham Radio Operator's Credo." I have received permission from World Radio to reprint the article in our newsletter with proper acknowledgement to World Radio. Here it is:

#### *A HAM OPERATOR'S CREDO*

*I Will Learn to Listen - and Listen to Learn  
I must remember that hearing is a gift, while listening is learned.  
I will always rank listening as paramount in all I do in Amateur Radio.  
I will always abide by the "TLS" rule: Think, Listen, and Speak.  
I will develop and depend on my natural listening abilities.  
I will listen in order to learn correct procedure and protocol.  
I will always remember: the bands are never dead for the expert listener.*

#### *I Will Master Protocol and Procedure*

*Mastering on-the-air protocol will take precedent over equipment operation.  
Prosigns, Q signals, phonetics and abbreviations will be my second language.  
I will learn the basics of traffic handling, net operation, and emergencies.*

#### *I Will Respect Mother Nature's Role*

*I will study the pivotal roles the ionosphere and propagation play in radio.  
I will learn how weather, time of day, location, and time of year effects radio signals.  
I will learn the meanings of: bandwidth and beamwidth, ground effect, aurora, scatter, ducting, skip, MUF, solar flux, and E-layers.*

*I Will Appreciate My Ability to Compromise*

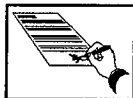
*I hold that compromise and resourcefulness are Ham traditions.  
I will remember that "making-do" can often be the easiest route  
to operating.  
I will always remember that being on the air is the true spirit of  
Hamming.*

*I Will Share What I Learn*

*I will commit to the self-study of Amateur Radio - from  
technology to protocol.  
I will openly share the knowledge I gain with anyone who is  
interested.*

*These things I hold to be true for all radio amateurs - now and  
in the future. - A Grateful Operator.*

73, Barbara, KD6QEI



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## Meeting Minutes

### General Meeting, Jan. 14, 2002



President Barbara KE6QEI - Announces this is the clubs 81st year.

President Barbara KE6QEI - Brought in a picture taken in 1926 at the Vendome Hotel in San Jose. She would like to add a name to those in the picture.

President Barbara KE6QEI - Requesting if anyone knows of possible speakers.

Treasurer Lloyd KD6FJI - No Report (absent)

Secretary Willie KG6HJE - No Report

President Barbara KE6QEI - States that Ben Brian, the old manager, is replaced by Angie Martinez, the new manager at Cunningham Park where field day will be held at this year.

Repeater Chair Wally KA6YMD - States that there is no more information on if the mounting brackets are installed. HF station at regional needs to be planned out with a new person since the one who knew the layout passed away.

Editor Gary WB6YRU - A "reporter" or someone to help gather articles from other sources will be helpful.

BBS Gary WB6YRU - No new update. Bob Arasmith still

has the equipment. Bob's email is bob@crewsoft.com.

### Old Business

Class - Don Haden KO6HH states class is full.

Don Village K6PBQ and Mike Hastings KB6LCU will walk through Cunningham Park.

Lou Steirer WA6QYS - SVECS next breakfast April 27

Flea Market - It is unknown at this time as to whether they will have the flea market or not.

MS Walk - April 6th volunteers are welcome as well as the Monterey MS Walk on the 7th.

Field Day - June 21

Bike Tour - June 15 volunteers are welcome to assist.

### New Business

Who will head up the flea market effort which will possibly be on April 13.

Next Meeting is at Hometown Buffet at 6pm - 9pm. Family is welcome. El Camino & Kiely in the Moonlight Shopping Center

Willie Maquinalez, KG6HJE, Secretary

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### Board Meeting, Jan. 21, 2002



Barbara KD6QEI - Lloyd will not be present.

Treasure Lloyd - No report (absent)

Secretary Willie KG6HJE - Waiting to obtain database program and data file.

President Barbara KD6QEI - Don Village, Mike Hastings and Lou Steirer walked through Cunningham Park with Angie Martinez, the new manager at Cunningham Park.

President Barbara KD6QEI - We can use 6 picnic tables and benches at the park.

Director Don Apte KK6MX - Mentioned that we could use golf ball retriever to support a dipole.

Director Clark KE6KXO - Mentioned it would be a good idea to bring shade tents.

Editor Gary WB6YRU - Requesting people to help gather articles.

Director Clark KE6KXO - Stated that the class slated for February is full.

Repeater Chair Wally KA6YMD - Nothing to Report.

BBS Gary WB6YRU - Nothing new to report. Bob Arasmith still has the BBS.

#### OLD BUSINESS

Clark KE6KXO - Mentioned that it might be possible to have commercial speakers at the meetings.

#### NEW BUSINESS

Don Village - Christmas Luncheon is slated for Saturday, December 21, 2002.

Gary WB6YRU - Will make more business cards for advertising the classes.

Don Apte KK6MX - To purchase QRP kit.

Clark KE6KXO - Motion to adjourn and seconded.

Meeting adjourned at 9:15

Willie Maquinalez, KG6HJE, Secretary

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## Dinner Meeting

See you at the HOMETOWN BUFFET in Santa Clara for our February 11<sup>th</sup> meeting! We have reserved the meeting room from 6 PM to 9PM. The restaurant is located in the Moonlight Shopping Center on the corner of Kiely and El Camino Real. Actual address is 2670 El Camino Real, again, it's in Santa Clara, folks!

Pay at the door and enjoy the large selection of mouth watering delights for 3 hours! Bring the family!

73, KF6OTD

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## ARRL News

From *The ARRL Letter*, January 11, 2002

### FCC INVITES COMMENTS ON FOUR AMATEUR RADIO PETITIONS

The FCC is seeking comments on four Amateur Radio rule making petitions filed recently and put on public notice this week. Comments are due by February 7, 2002, in petitions seeking to legally separate wideband and narrowband modes on 160 meters; to allow hams to bequeath their call signs "in memoriam" to a specific club; to expand HF operating privileges for Novice and Tech Plus operators; and to permit retransmission on amateur frequencies of NASA manned spacecraft communications.

A proposal from veteran Top Band operators and contesters Bill Tippett, W4ZV, and Jeff Briggs, K1ZM, asks the FCC to subdivide 160 meters into mode-specific subbands. The petition, submitted to the FCC last September, has been designated as RM-10352. Tippett and Briggs contend that the ARRL band plan for 160 meters--modified last year after lengthy consideration by the ad hoc ARRL 160-Meter Band Plan Committee on which both men sat--does not go far enough and is unenforceable. They want the FCC to prohibit SSB, AM and other wideband modes below 1.843 MHz--something the revised ARRL band plan <<http://www.arrl.org/FandES/field/regulations/bandplan.htm> l#160m> already recommends.

A copy of Briggs' book, *DXing on the Edge--The Thrill of 160 Meters*, accompanied their 18-page petition to the FCC. The book is published by ARRL <<http://www.arrl.org/catalog/6354/>>. Tippett and Briggs made it clear that while the topic of their petition did arise during the ARRL committee's deliberations, their petition is an independent effort with no connection to the committee or the ARRL.

The Quarter Century Wireless Association (QCWA) has asked the FCC to change its amateur vanity call sign system rules to permit individual amateurs to, in effect, will a call sign to a designated club as an "in memoriam" call sign. The FCC has designated the petition, submitted in December, as RM-10353. The QCWA notes that the current vanity rule "excludes current licensees from speaking for themselves" while they're still alive and "requires their relatives to speak for them post mortem."

Novice licensee John S. Rippey, W3ULS, has petitioned the FCC to expand HF phone and CW privileges for Novice and Technician (with Element 1 credit) operators. The FCC has designated the petition, submitted in December, as RM-10354. Rippey held a General ticket in the 1950s and 1960s and got his former call sign back after relicensing as a Novice in 1999. He argues, among other things, that "the HF

operating privileges authorized today for a Novice or Technician Plus license fall far short of providing adequate value." Rippey has asked the FCC to grant Novice and Technician (with Element 1 credit) licensees new or expanded operating privileges on 80, 40, 30, 17, 15, 12 and 10 meters. His suggestions include SSB privileges for Novices and Tech Plus licensees on 17 and 12 meters.

The NASA John H. Glenn Research Center Amateur Radio Club is seeking a modification in wording to the Part 97 rule that already permits amateur retransmission of NASA manned shuttle communications. The petition has been designated as RM-10355. The club wants the Amateur Service rule, Sec 97.113(e), to include International Space Station communications as well as any manned spacecraft in the future.

Interested parties may comment on any or all of these petitions via the FCC's Electronic Comment Filing System <<http://www.fcc.gov/e-file/ecfs.html>>.

#### **FCC REALLOCATION RETAINS AMATEUR RADIO'S 219-220 MHZ SLOT**

Amateur Radio's secondary allocation at 219-220 MHz remains intact in the wake of an FCC spectrum reallocation of the 216 to 220 MHz band, among others. The FCC declined, however, to go along with ARRL's request to expand amateur access to 216 to 220 MHz. On a brighter note, the Commission potentially relieved spectrum competition for Amateur Radio at 2.3 GHz by making space available elsewhere.

The FCC acted December 21, 2001, in ET Docket 00-221 and in several other proceedings that it lumped into a single Report and Order and Memorandum Opinion and Order released January 2, 2002. The FCC Order reallocated 27 MHz of spectrum in seven bands from government to non-government use. Some of the spectrum will be put up for bid in public auctions. The Commission allocated the 216-220 MHz band to the fixed and mobile services (co-primary), although some government systems in the band will remain.

"We are pleased that the FCC has found suitable spectrum for MicroTrax and AeroAstro other than at 2300-2305 MHz," ARRL Executive Vice President David Sumner, K1ZZ, referring to two commercial competitors. "We hope this will clear the way for an upgrade to primary status at 2300-2305 MHz for the Amateur Service."

MicroTrax has sought access to 2300 to 2305 MHz and other bands for a proposed Personal Location and Monitoring System to enable tracking of people and objects. AeroAstro has proposed sharing the band with amateurs on a co-primary basis for its Satellite Enabled Notification System global messaging system. Both indicated interest in the

1670-1675 MHz band; MicroTrax also has said that 2385-2390 MHz might be a good fit. The FCC also noted comments from ArrayCom that the 1670-1675 MHz band would be suitable for its i-BURST high-speed data system, now operating experimentally at 2.3 GHz.

Sumner was less enthusiastic about the FCC's action at 216-220 MHz as it impacts the Amateur Service. "While the limited secondary allocation to the Amateur Service at 219-220 MHz is being maintained, the more intensive use of 216-220 MHz by commercial services is likely to preclude amateur use of the band in many parts of the country," he commented.

The amateur allocation at 219-220 MHz is secondary to the Automated Maritime Telecommunications System (AMTS). Within the 1 MHz of spectrum, Amateurs may install and operate point-to-point digital message-forwarding systems, but only under strict limitations that require coordination with and sometimes approval by AMTS licensees. The ARRL had hoped to expand opportunities for point-to-point digital messaging systems, but the FCC said amateurs already have access to other bands for that purpose and denied the request.

The Order in ET Docket 00-221 is available on the FCC Web site <[http://www.fcc.gov/Bureaus/Engineering\\_Technology/Orders/2001/fcc01382.pdf](http://www.fcc.gov/Bureaus/Engineering_Technology/Orders/2001/fcc01382.pdf)>.

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## **Packet Pieces**

### **Downloaded from the packet network:**

=====  
Date: 14 Apr 99 21:45  
From: WA1GDJ@K1UGM  
To: HUMOR@USA  
Subject: Don't lie to Mom  
-----

Don't lie to your Mother

John invited his mother over for dinner. During the meal, his mother couldn't help noticing how beautiful John's roommate was. She had long been suspicious of a relationship between John and his roommate and this only made her more curious.

Over the course of the evening, while watching the two interact, she started to wonder if there was more between John and the roommate than met the eye.

Reading his mom's thoughts, John volunteered, "I know what you must be thinking, but I assure you, Julie and I

are just roommates."

About a week later, Julie came to John and said, "Ever since your mother came to dinner, I've been unable to find the beautiful silver gravy ladle. You don't suppose she took it, do you?"

John said, "Well, I doubt it, but I'll write her a letter just to be sure." So he sat down and wrote:

"Dear Mother, I'm not saying you 'did' take a gravy ladle from my house, and I'm not saying you 'did not' take a gravy ladle. But the fact remains that one has been missing ever since you were here for dinner."

Several days later, John received a letter from his mother which read:

"Dear Son, I'm not saying that you 'do' sleep with Julie, and I'm not saying that you 'do not' sleep with Julie. But the fact remains that if she were sleeping in her own bed, she would have found the gravy ladle by now. Love, Mom"

Lesson of the day..."Don't Lie To Your Mother!"

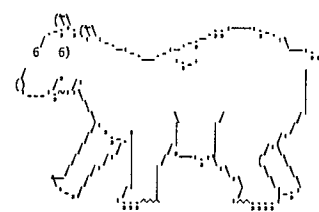
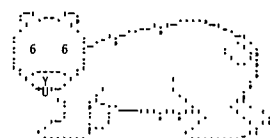
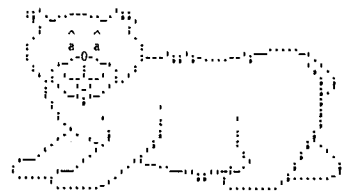
73 - Gil, WA1GDJ @ K1UGM

=====  
Date: 23 Jun 2000 11:53  
From: G4YQQ@GB7TJZ  
To: ASCII@WW  
Subject: \*\* Cat Face \*\*  
-----



73 Alan G4YQQ...

=====  
Date: 23 Jun 2000 11:54  
From: G4YQQ@GB7TJZ  
To: ASCII@WW  
Subject: \*\* 3Bears \*\*  
-----



73 Alan G4YQQ...

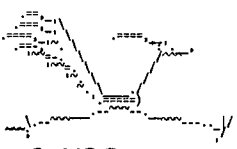
=====  
Date: 5 Apr 99 15:54  
From: AC6EG@KM6RZ  
To: HUMOR@USA  
Subject: The Punk  
-----

The Punk

A young punk gets on the Berkeley bus. He's got spiked, multicolored hair that's green, purple & orange. His clothing is a tattered mix of leather and rags. His legs are bare and he's without shoes.

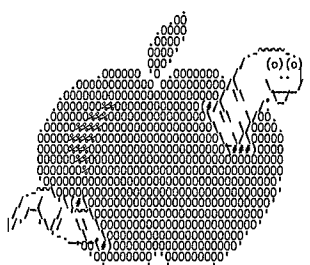
His entire face & body are riddled with pierced jewelry and

=====  
Date: 23 Jun 2000 11:53  
From: G4YQQ@GB7TJZ  
To: ASCII@WW  
Subject: \*\* Road Runner \*\*  
-----



73 Alan G4YQQ...

=====  
Date: 23 Jun 2000 11:53  
From: G4YQQ@GB7TJZ  
To: ASCII@WW  
Subject: \*\* The Maggot \*\*  
-----



73 Alan G4YQQ...

his earrings are big, bright red, yellow and green feathers. He sits down in the only vacant seat, directly across from an old man who just glares at him for the next ten miles.

Finally the punk gets self-conscious and yells at the old man, "What are you looking at you old fart! Didn't you do anything wild when you were young?"

Without missing a beat the old man replied, "Yeah. Back when I was very young and in the Navy, I got really drunk in Singapore and had sex with a parrot. I thought you might be my son."

**73** Gary De Feyter Santa Maria  
AC6EG@KM6RZ.#WCA.CA.USA.NOAM  
E-mail: ac6eg@pronet.net

=====  
Date: 18 Apr 99 04:31

From: AB7RG@K5LRS

To: FARCE@USA

Subject: Taking What Is Offered...  
-----

**TAKING WHAT IS OFFERED:**  
=====

A traveling preacher finds himself caught in a tremendous rainstorm. Within a few hours, the motel he's staying in is flooded. As the water rises, the preacher climbs to the roof and starts praying.

Just then, a coast guard rescue party floats by in a rowboat. "Let's go, mister, into the boat." "I'll stay here," says the preacher. "The Lord will save me."

An hour later, a second boat reaches the motel. "Sir, you better get in. The water is still rising." "No thanks," says the preacher. "The Lord is my salvation."

Toward evening, the motel is almost completely under water, and the preacher is clinging to the satellite dish on the roof.

A third boat comes by. "Hey buddy, get in the boat! This is your last chance." "I'm all right," says the preacher, looking toward heaven. I KNOW the Lord will provide."

As the boat departs, the satellite dish is hit by lightning, and the preacher is killed. When he arrives at the Pearly Gates, he is furious.

"What happened?" he shouts. "I thought the Lord would provide!"

Within seconds, a thunderous reply is heard:

"I sent three boats!"

73 & May the FARCE be with you! Clinton, AB7RG.  
[ AB7RG @ K5LRS.#NWAR.AR.USA.NOAM ]

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## 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, K6PBQ, WB6YRU  
Lightning protection, grounding: WB6YRU  
Station set-up, equipment: K6PBQ  
TVI/RFI: WB6YRU  
Homebrew projects, construction: KD6FJI, WB6YRU  
Computers: KB6NP; IBM PC: WB6YRU  
Packet Network (BBS, forwarding): WB6YRU  
Code operating and installations: WB6EMR, K6PBQ  
DX (long distance/propagation): WB6EMR  
Emergency operating/preparedness: WA6QYS  
FM (VHF/UHF, repeaters): WA6VJY  
HF operating techniques (SSB, CW): WB6EMR, K6PBQ  
Classes/license upgrading: W6ACW  
Legal/FCC rules: WB6YRU  
SCCARA (club inner workings):  
K06HH, K6PBQ, WA6VJY, WB6YRU, WA6QYS  
Children's Discovery Museum, volunteer operator: K6PBQ

W6ACW, Ed Hajny, (408) 739-6105

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

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

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

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@aenet.net

# S.C.C.A.R.A. Membership Form for 2002

(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: \_\_\_\_\_ - Licence Expiration Date (mo/yr): \_\_\_\_\_

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

E-mail: \_\_\_\_\_ Packet: \_\_\_\_\_

For family memberships (at the same address), please fill out a separate form for each. Indicate the "primary member" (for mailing purposes) name and call:

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 RADIO LICENSE  
BEFORE ANY REPEATER CODES WILL BE SENT TOTAL: \_\_\_\_\_

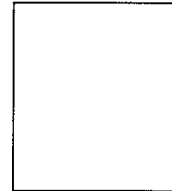
Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the return address below:

===== PLEASE DO NOT TEAR OR CUT FORM =====

**SANTA CLARA COUNTY  
AMATEUR RADIO ASSOCIATION**

PO BOX 6  
San Jose CA 95103-0006

Affiliate of the American Radio Relay League



**FIRST CLASS**

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