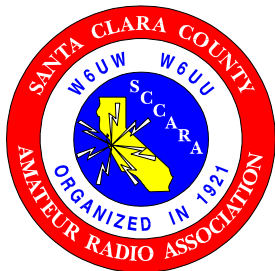


SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 24, Number 4

April 2008



Proposed New Bylaws

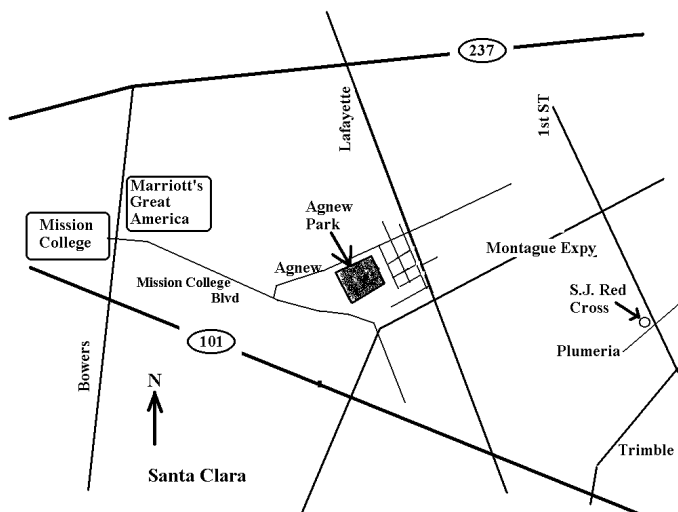
A committee of the Board has drawn up a new set of bylaws, (see pages 7-9). The membership will be asked to vote to ratify it at the April meeting.

The board has decided that there will be no comment period. Your only comment will be to vote up or down on the whole package. So, if there's even just one little thing that you don't like, your only option is to vote no.

If the membership votes yes, this will be our new bylaws, exactly as written. If the membership votes no, it will go back for more work. In that case, there will probably be a comment period before any further work is done.

Correction Picnic

Our potluck picnic lunch date is Saturday, April 19. Not April 10 as was reported in the March issue.



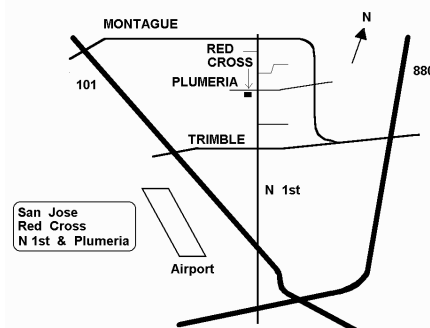
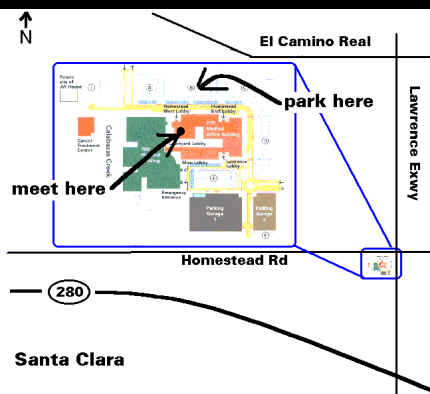
Turn West onto Agnew from Lafayette in Santa Clara, then go three blocks to Agnew Park.

Calendar

- 4/12 Electronic Flea Market (DeAnza)
- 4/14 SCCARA General Meeting
- 4/19 SCCARA Picnic
- 4/21 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)

General Meeting

Day: Monday, April 14, 2008
Time: 7:30 PM
Place: Kaiser Santa Clara, Rm 196, 1
Featuring: {to be announced}



ARRL News

From *The ARRL Letter*, February 29, 2008

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 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	Jim Tyranski, KG6UDW	453-0745
	e-mail: kg6udw@arrl.net	
Vice President	Fred Townsend, AE6QL	263-8768
	e-mail: fred@dcctolight.net	
Secretary	Mike Aronoff, WB0TOW	781-5704
	e-mail: aronoff@att.net	
Treasurer	Don Steinbach, AE6PM	867-3912
	e-mail: dlsteinbach@comcast.net	
Station Trustee	Don Village, K6PBQ	263-2789
	e-mail: donvillage7@yahoo.com	
Director	Don Steinbach, AE6PM	867-3912
	e-mail: ae6pm@arrl.net	
Director	Ned Tufekcic, AC6YY	690-7250
	e-mail: ac6yy@arrl.net	
Director	Don Village, K6PBQ	263-2789
	e-mail: donvillage7@yahoo.com	
Director	Lou Steirer, WA6QYS	241-7999
	e-mail: wa6qys@aol.com	
Director	Wally Britten, KA6YMD	293-3847
	e-mail: ka6ymd@arrl.net	
Editor	Gary Mitchell, WB6YRU	269-2924
	e-mail: wb6yru@ix.netcom.com	

COMMITTEES

Activities	John Parks, W6JPP	309-8709
	e-mail: w6jpp@arrl.net	
Repeater	Wally Britten, KA6YMD	293-3847
	e-mail: ka6ymd@arrl.net	
N0ARY BBS	Gary Mitchell, WB6YRU	269-2924
	e-mail: wb6yru@ix.netcom.com	

SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

2 meter: 146.985 - PL 114.8
70 cm: 442.425 + PL 107.2

Phone auto-dial and auto-patch is available. The two meter repeater is located at Eagle Rock near Alum Rock Park in the foothills of east San Jose. 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 Village, K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally Britten, KA6YMD. Visitors welcome.

N0ARY PACKET BBS

SCCARA hosts the packet BBS N0ARY (San Jose). User ports: 144.93 (1200 baud), 433.37 (9600 baud), telnet sun.n0ary.org (login "bbs"). Sysop: Gary Mitchell, WB6YRU (packet info: www.n0ary.org/ncpa)

TELEPHONE NUMBERS

SCCARA contact Clark KE6KXO:	408 262-9334
ARRL/VEC Silicon Valley VE group, Morris Jones, AD6ZH:	408 507-4698

ARRL, FCC, DEPARTMENT OF DEFENSE REVIEW NEW DEVELOPMENTS IN PAVE PAWS INTERFERENCE MITIGATION

The FCC, ARRL representatives and agents of the various US Air Force units working on developing a plan to mitigate alleged interference from 70 cm ham radio repeaters to PAVE PAWS radar systems on both coasts met February 20 via conference call. The purpose of the conference was to review the status of the mitigation plans at both sites: the Massachusetts Military Reservation on Cape Cod and Beale AFB, north of Sacramento, California.

Thanks to the cooperation and assistance of the involved repeater owners on Cape Cod, ARRL Regulatory Branch Manager Dan Henderson, N1ND, said, "I am pleased to be able to pass along that at this time, the Department of Defense has determined that the levels of harmful interference to the PAVE PAWS radar site on Cape Cod have been sufficiently reduced. As part of this determination, they are not rescheduling additional follow-up testing for that area until sometime in 2009."

Henderson said that this decision doesn't mean New England is back to pre-mitigation repeater operation: "Any mitigation steps that have been taken should remain in place. A repeater that has gone off the air should not be simply turned back on at its original power level -- its previously determined mitigation standard still applies in order to protect the primary user from harmful interference."

Henderson stressed that the entire process is ongoing. "The high degree of voluntary cooperation shown by the owners of Air Force-identified repeaters has helped demonstrate to the DoD that the amateur community takes its responsibility seriously. This should help us retain access to the band in the long run."

During the discussion of the Cape Cod radar during the teleconference, the ARRL broached the topic of allowing the resumption of coordinating new repeaters on the 70 cm band in New England. The Air Force has agreed in principle to allow the New England Spectrum Management Council (NESMC) to resume coordination efforts under certain conditions. "These include that in addition to NESMC's normal coordination policies, Longley-Rice signal strength plots are prepared to determine expected signal strength at the radar site," Henderson said.

Henderson said that the ARRL has a "fairly good understanding of what strength level at the site should be workable, even though the DoD has not given us specific information on the sensitivity of the radar. The Longley-Rice plots should indicate if the operating parameters of the proposed repeater might be sufficient to prevent harmful interference to the radar site. The Longley-Rice plots are not the 'last word' in the process, but are a good tool giving the repeater owner and NESMC a reasonable assessment of possible problems."

Henderson reiterated that "any specific mitigation number from the Air Force is an exact measurement, not a 'predicted' number from a computer analysis."

Once NESMC approves a tentative coordination, Henderson explained that NESMC would forward the complete information on the new repeater to the Air Force for authorization on a case-by-case basis, as provided for in Title 47 2.106 Footnote US7. "During a 60 day trial period, the Air Force would contact

NESMC for an immediate shut-down of a new repeater causing harmful interference. If that happens the new repeater would have to remain off the air until it can be successfully mitigated."

While this new process is a bit burdensome to NESMC and the repeater owners, it goes a long way toward keeping Amateur Radio in a position where 70 cm operation can grow with careful attention to the effect of our operations on the primary users.

During the update discussion of the Beale AFB PAVE PAWS site in California, the DoD was able to report that there was a reduction in harmful interference at the radar, though work remains to be done to bring the situation at that site to a successful conclusion. DoD officials announced that a new round of testing is scheduled during the spring at Beale, and that they will share the results after the next round of testing is complete.

During the teleconference, the FCC reported that it has received excellent compliance in the wake of their phone calls and letters to repeater trustees and owners. This cooperation has made it unnecessary for the FCC to issue any mandatory shut down orders to date. The Commission will continue to be the initial point of contact with the DoD should further mitigation be required based on additional testing at Beale.

The ARRL will continue to work with the FCC, DoD, repeater coordinating groups and individual repeater owners as requested. "Because of the sheer number of 70 cm repeaters in that area, the Beale problem is taking longer to resolve," Henderson said. "We will continue to work toward a successful, constructive conclusion for as long as it takes."

FCC DENIES PETITIONS TO BRING BACK MORSE CODE TESTING

In a "Memorandum Opinion and Order" (MOO) <hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-08-59A1.pdf> released February 28, the FCC denied two petitions calling for General or Amateur Extra license applicants to demonstrate proficiency in Morse code. In December 2006, the FCC released a "Report and Order" (R&O) <hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-178A1.pdf> in the "Morse code proceeding," WT Docket 05-235, that eliminated Morse code testing as of February 23, 2007.

The "R&O" amended Section 97.501 to remove the telegraphy requirement. In reaching this decision, the FCC noted in the R&O that "one of the fundamental purposes underlying our Part 97 rules is to accommodate amateur radio operators' ability to contribute to the advancement of the radio art, and that the Commission had previously concluded that an individual's ability to demonstrate Morse code proficiency is not necessarily indicative of his or her ability to contribute to the advancement of the radio art." The FCC also noted that another fundamental purpose underlying Part 97 rules is "to enhance the value of the amateur service to the public, particularly with respect to emergency communications, and that the Commission had previously concluded that most emergency communication today is performed using voice, data, or video modes, because information can be exchanged much faster using modes of communication other than telegraphy."

The Commission therefore concluded that requiring an individual to demonstrate Morse code proficiency as a licensing requirement "did not further the purposes of the Part 97 rules." The Commission also found that this reasoning applied equally to the General Class and the Amateur Extra Class, so "it rejected suggestions that the Morse code requirement be eliminated for the General Class license but retained for the Amateur Extra Class license."

In the wake of the FCC's actions in WT Docket 05-235, two amateurs submitted separate petitions to the FCC, asking them to bring back the testing. Anthony R. Gordon, KG6EQM, of West Covina California, objected to the FCC eliminating the telegraphy examination element as an examination requirement for the Amateur Extra Class operator license. Russell D. Ward, W4NI, of Nashville, Tennessee, requested the FCC reconsider their decision for "strictly procedural" reasons.

Gordon asserts that "the failure to keep the Morse code telegraphy requirement intact, at least as a required examination element for the Amateur Extra Class operator license, fails to take into consideration the significant national security implications that require retaining adequate examination safeguards to insure the viability that Morse code telegraphy provides, not only to the Amateur service, but the nation as well." Gordon argues that the requirement should be retained so that amateur operators can act as "a 'strategic reserve,'" because there is "no assurance that...voice or digital modes will even be operationally viable in future emergency communication environments."

The FCC was not persuaded, however, that eliminating the Morse code examination element will affect national security or emergency communications. "We agree with the commenters who point out that requiring applicants to pass a one-time telegraphy examination did not and would not guarantee a supply of skilled telegraphy operators. Moreover, nothing in the Commission's decision prevents an interested amateur radio operator from pursuing Morse code proficiency."

The FCC reiterated their prior conclusion that "an individual's ability to demonstrate Morse code proficiency does not further the underlying purposes of the Part 97 rules, i.e., to accommodate individual contributions to the advancement of the radio art and to enhance the value of the amateur service to the public. Accordingly, we deny the petition."

In the MOO, Ward states that he "encountered difficulty" in submitting his comments and reply comments to the NPRM electronically and that his filings were not posted on the ECFS (the Commission's electronic filing system) until after the deadlines had passed. He asserts that "there is no certainty that the Commission considered his comments and reply comments, that the late posting of his comments prevented others from replying to them, and that it is 'quite likely that other comments were treated improperly.'" As a result, Ward requested that the FCC "stay the proceeding, reopen the record and reconsider the NPRM after the close of the extended comment period."

The FCC claims that all comments in the ECFS "were considered before the Commission adopted the Report and Order, regardless of the how or when they were filed. Moreover, many of the 3900 comments and reply comments expressed the same view as Mr. Ward, so the substance of his views unquestionably was replied to and considered. Finally, he provides no evidence that ECFS mishandled other comments. No other party has complained that his or her comments were not received. We conclude, therefore, that reopening the proceeding for additional comments is not justified, and we deny the petition."

In summary, the FCC said neither petition asserted "any grounds for reconsidering" the decision in the Report and Order. "We believe that the actions taken therein will allow amateur service licensees to better fulfill the purpose of the amateur service, and will enhance the usefulness of the amateur service to the public and licensees."

New Members

SCCARA would like to welcome to the club:

Arnold Thomas, KC7IUG

If you have any questions, ideas, or comments about SCCARA or any activities, please don't hesitate to ask.

Antenna on Steroids part 2

Last month I described the PVC armor made up for the packet BBS antenna, and the serious winds that kick up at the new site up on Mt. Umunhum.

Well, there's good news and bad news... and then more good news.

The bad news is that while we had significant winds here in the valley last month, on the peak it gusted up to 100 MPH. The antenna with its armor held up, but the supporting mast did not—it broke in the middle. The antenna struck another structure on the way down. The coax was ripped out and the antenna base mount was literally ripped in half. The antenna was feared damaged beyond repair.

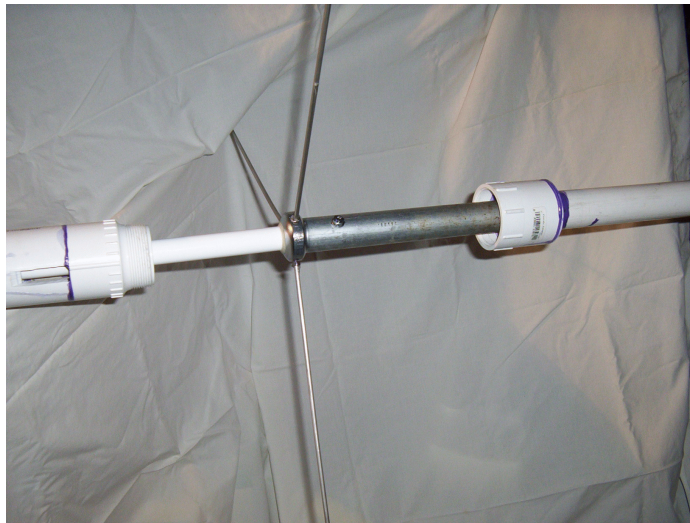


This is the old antenna base mount. That tubing should be all in one piece! The connector shell on the right should look like the new one on the left, who knows where the rest of it is.

The good news is that the PVC armor protected the antenna. Strong wind is one thing, hitting solid mounting structures while falling in a strong wind is something else, but it held up! The fiberglass radome surely would have shattered without the armor. The base mount is worthless, but can be replaced. The antenna's coax connector was loosened, but was easily repaired.

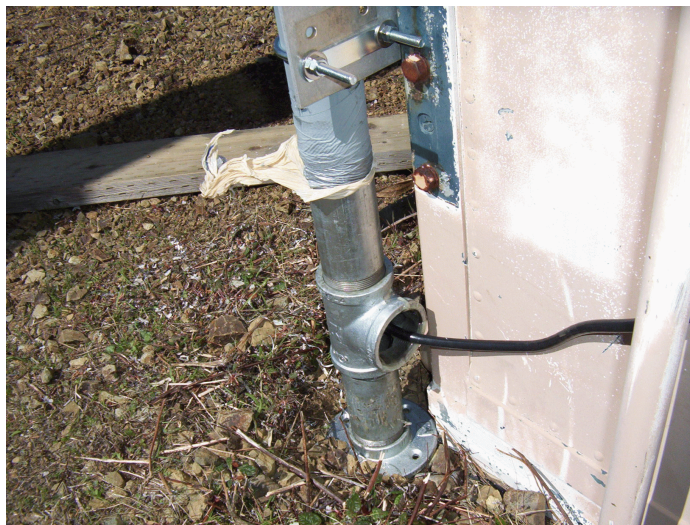
The more good news is, well, MORE ARMOR! ☺ The antenna mount tubing has been replaced with a milled out three foot section of one inch steel water pipe. The PVC armor was

extended down over most of that water pipe mount. This should remove the need for the non-conducting guy lines (described last month). Since the antenna base mount is now a piece of standard 1" water pipe, it was easy enough to thread it into other steel water pipe as the mast. The new mast is a two-inch steel water pipe.



The new base mount is 1" water pipe—a lot tougher than that thin aluminum tubing. With the PVC armor extended down over the base mount, we can do without the guy lines at the antenna midpoint.

Because of the design of this type of antenna, the coax runs down the inside of all that pipe and exits at the bottom, a few inches above the ground.



The coax doesn't see the light of day until it exits the inside of the mast near the ground.



There's the final assembly--the 1" base mount pipe threaded into an adapter to the 2" pipe mast. The PVC armor now extends down nearly three feet over the pipe--this should provide enough leverage so it won't need to be guyed farther up.



Final mounting spot. (It's the one just to the left of the telephone pole)

Wind speed vs pressure

Now, some of you may think all that steel water pipe for a mast is overkill. And maybe it is, but here's my reasoning:

If we consider the antenna cross-section (with the PVC armor) and calculate the pressure on that square area from the wind, we get some impressive stress as the winds speeds goes over 100 MPH.

This PVC covered antenna has a cross-section of 139 square inches. Wind pressure is $V_p = 0.6 V^2$, where V_p is pressure in Pascals and V wind speed in meters per second. For the metrically challenged, converting to PSI, we get this:

Wind (MPH)	PSI (pounds per inch ²)	Total pounds
100	0.174	24.2
150	0.392	54.5
200	0.695	96.6

My goal is to have it survive 200 MPH wind gusts. That means if you clamped the mast in a horizontal position and hang weights evenly along the antenna, it has to hold nearly 100 pounds! That's a tall order, but hopefully it's now rugged enough to pull that off.

I'm told that the typical life span up there for antennas like this is about two years. I wanted it to last as long as it would down here in the valley.

This should do it. On the other hand, I thought that once before just a couple of months ago. We'll see.

If anyone is interested, next time I can give a couple of photos of the BBS equipment itself inside the building and more outside shots showing what it looks like up there.

73, Gary WB6YRU

Meeting Minutes

General Meeting, March 10, 2008



{No minutes were submitted by the deadline. – Editor}

Board Meeting, March 17, 2008



The meeting was called to order at 1940 hours.

The following members were in attendance:

Jim Tyranski, KG6UDW, President
 Fred Townsend, AE6QL, Vice President
 Don Steinbach, AE6PM, Director & Treasurer
 Lou Steirer, WA6QYS, Director
 Ned Tufekcic, AC6YY, Director
 Don Village, K6PBQ, Director & Trustee
 Gary Mitchell, WB6YRU, Editor
 John Parks, W6JPP, Activities Chairman
 Gwen Steirer, KF6OTD, guest
 Clark Murphy, KE6KXO, guest

Secretary's Report

None. Mike Aronoff was absent.

Treasurer's Report

Current account balances were \$1518.11 in checking, \$6289.32 in savings, and \$159.95 cash-on-hand for a total of \$7967.38.

Both of the BBS telephone lines have been cancelled. The final AT&T statements show a zero balance for one and a refund of \$6.20 for the other.

Form 990-N "Electronic Notice for Tax-Exempt Organizations not Required to File Form 990 or 990-EZ" was filed with the IRS on

February 29 for the 2007 calendar year.

Repeater Report

Kenwood is now shipping the TKR-850 440 repeaters which we ordered last September but were not available from the manufacturer.

The Board decided to defer the Kenwood repeater purchase and continue to pursue the Motorola Micor repeater avenue, using the two repeaters purchased by Jim Tyranski. The search is on for one pair of UHF channel elements, part numbers KXN1024A and KXN1052A.

Don Steinbach requested the power supply and controller from the old repeater to include as part of the new system. Fred Townsend believes he has the controller. Location of the power supply is TBD.

Bylaws Report

The revised bylaws have been posted on the SCCARA website.

Club Station Report

The club station at the Red Cross was open on February 23 with Lou Steirer and Don Steinbach available as Control Operators. No one showed up to use the station.

It was proposed that the Station be open on May 31 for Field Day preparations.

News Editor Report

Gary Mitchell suggested reducing picture sizes to reduce download time.

BBS Report

The mast for the new antenna collapsed, apparently due to high winds. Gary Mitchell has modified the antenna installation. Additional expenses of \$120.40 were approved.

Gary Mitchell handed off the old antenna to Clark Murphy to put into storage.

Fred Townsend purchased the old TNC for \$5.00.

Field Day

Fred Townsend will run a test to determine if the existing laptop computers will support external flat-screen monitors.

The issue of what logging software to use was discussed with no resolution.

The use of a members' personal equipment (transceivers, computers, etc.) during field day was discussed. Fred Townsend proposed that the club reimburse the owner for any damage incurred at the field day site. The Board took the position that members are free to bring their own equipment, but at their own risk.

Old Business

There has been no action on the part of San Jose Races/City of San Jose relative to signing the MOU presented to them earlier.

The Elks Club was investigated as a possible site for the annual Holiday Dinner. The cost would be \$250 for the use of the facility plus about \$25 per meal.

The Creekside Inn was reevaluated as a possible site. The cost would be about \$23 per meal with no facility charge. Creekside would guarantee SCCARA a 3-1/2 hour dedicated time slot. They understand that we were not happy with their performance last year. The board elected to go with Creekside and a \$100 deposit was authorized which Don Village will deliver. The date will be December 20.

The meeting was adjourned at 2138.

Minutes submitted by John Parks & Don Steinbach

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 fill out an Elmer form from the club secretary.

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):
HF operating techniques (SSB, CW): WB6EMR, K6PBQ
Classes/license upgrading: W6ACW
Legal/FCC rules: WB6YRU
SCCARA (club inner workings): K6PBQ, WB6YRU, WA6QYS
Children's Discovery Museum, volunteer operator: K6PBQ
EchoLink: KK6MX

W6ACW, Ed Hajny, (408) 739-6105

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

KD6FJI, Lloyd DeVaughns,
(408) 225-6769 e-mail: kd6fji@arrl.net

KK6MX, Don Apte, (408) 629-0725
e-mail: kk6mx@aol.com

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

K6PBQ, Don Village, (408) 263-2789

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

WB6YRU, Gary Mitchell, msg (408) 265-2336
also (408) 269-2924
packet: home BBS NOARY
e-mail: wb6yru@ix.netcom.com

Newsletter Notes

Sorry about not providing much time to look over the proposed new bylaws. The text was supposed to have been in the March *SCCARA-GRAM*, but it was not submitted until March 25.

So, if the membership wants more time, I imagine the board would not object to delaying the vote until May.

73, Gary WB6YRU, editor

Proposed By-Laws for the Santa Clara Amateur Radio Association

Adopted April 14th, 2008 (pending)

Preamble:

We, the Amateurs of Santa Clara County, wishing to secure for ourselves the pleasures and benefits of an association of persons commonly interested in Amateur Radio, constitute ourselves the Santa Clara County Amateur Radio Association (SCCARA or the Association) and enact these By-Laws as our governing law. It shall be our purpose to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism and individual operating efficiency, and to so conduct club programs and activities as to advance the general interest and welfare of Amateur Radio in the community.

1.0 Membership:

1.1. All persons interested in Amateur Radio communications shall be eligible for membership. Membership shall be by application under terms determined by the Board of Directors (BOD).

2.0 Officers:

- 2.1. The elected officers of this club shall be President, Vice-President, Secretary and Treasurer.
 - 2.1.1. The elected Officers of this club shall be elected from members in good standing for a term of one year by majority ballot of the members present at the annual meeting.
 - 2.1.2. Vacancies, except for the office of President or Junior Past President (most recent past president), occurring between elections may be filled by appointment by the President and concurrence of the majority of the BOD.
 - 2.1.3. Vacancy of the office of President may be filled by majority vote of the BOD.
 - 2.1.4. Elective Officers may be removed by a three-fourths vote of the membership.
- 2.2. The office of Station Trustee shall be appointed from members in good standing by the president with the majority approval of the BOD.
 - 2.2.1. The Station Trustee must hold the highest level amateur radio license, i.e. Amateur Extra Class.
 - 2.2.2. The Station Trustee shall seek the council of the BOD but will have final authority over compliance with laws and regulations governing station operation.
 - 2.2.3. The term of the Station Trustee shall be indefinite.
 - 2.2.4. The Station Trustee may be removed by a three-fourths vote of the BOD.
- 2.3. Upon succession, the immediate past President shall be promoted to the office of Junior Past President.
 - 2.3.1. The term of the Junior Past President shall be one year, non-renewable.
 - 2.3.2. The Junior Past President may be removed by a three-fourths vote of the BOD.
 - 2.3.3. In instances where the current President is elected to a new term, the office of Junior Past President shall remain vacant.
- 2.4. Duties of Officers: All Officers are voting members of the Board of Directors.
 - 2.4.1. The President shall preside at general and BOD meetings, and conduct them according to the rules adopted. He/she shall enforce due observance of these By-Laws; decide all questions of order; sign all official documents adopted by the club or its BOD, appoint committee chairpersons, appoint vacant officers or Directors, and perform all other duties pertaining to the office of President. At the end of their term he/she shall turn over everything in his/her possession belonging to the club to his/her successor and negotiate such banking documents as may be required to transfer signatory authority.
 - 2.4.2. The Vice-President shall assume all the duties of the President in his/her absence. In addition, he/she shall organize club activities, plan and recommend contests for operating benefits, and advance club interest and activities as approved by the club. He/she shall maintain close liaison with the ARRL District Emergency Coordinator to further club participation in the Amateur Radio Emergency Service.
 - 2.4.3. The Secretary shall keep a record of the proceedings of all meetings (except Special Event Meetings: see 5.3), keep a roll of members, accept membership applications, carry on all correspondence, read communications at each meeting, and mail correspondence to the membership as directed by the BOD. The Secretary shall assist members in commerce with affiliated organizations (see 7.2.). The Secretary shall maintain the current copy of these By-Laws of the club and have the same with him/her at every meeting. He/she shall note all amendments, changes and additions to the By-Laws and shall permit them to be consulted by members upon request. At the end of their term he/she shall turn over everything in his/her possession belonging to the club to his/her successor and negotiate such banking documents as may be required to transfer signatory authority.
 - 2.4.4. The Treasurer shall receive and receipt for all monies paid to the club; keep an accurate account of all monies received and expended; pay bills authorized by the BOD. At the end of each quarter he/she shall submit an itemized statement of disbursements and receipts. At the end of their term he/she shall turn over everything in his/her possession belonging to the club to his/her successor and negotiate such banking documents as may be required to transfer signatory authority.
 - 2.4.5. The Station Trustee is the custodian of the call sign (license) of the Club Station (currently W6UW and W6UU) and is the liaison between the Association and the Federal Communications Commission. He/she shall investigate and report to the BOD all cases of violation of legal and proper amateur practice involving the Club Station. He/she is in charge of the equipment and operation of the Club Station.

- 2.4.6. The Junior Past President shall advise the Officers and Directors in matters of business, protocol, and precedence and other functions as may be assigned or appointed by the President.

3.0 Directors:

- 3.1. The five Directors shall be elected in the same manner as the Officers. The term of a Director is two years. The Director positions should be filled in such a way that approximately half of the Director positions will be concluded in alternate years.
- 3.2. Duties of a Director: All Directors are voting members of the Board of Directors.
- 3.2.1. Each Director shall be a member of the Board of Directors (BOD).
- 3.2.2. Each Director shall seek the wisdom and council of the general membership.
- 3.2.3. Each Director shall perform other duties as may be assigned by the President.
- 3.3. Director vacancies occurring between elections may be filled by appointment of the President.
- 3.4. Directors may be removed by a three-fourths vote of the membership.

4.0 Board of Directors (BOD):

- 4.1. The Board of Directors shall consist of the officers, elected, promoted, and appointed, and five Directors.
- 4.2. Duties of BOD:
- 4.2.1. The BOD shall manage the affairs of the Association subject to the Articles of Incorporation and By-Laws. The BOD shall have authority over the affairs of the Association during and between its meetings.
- 4.2.2. The BOD may adopt rules governing its own procedures and meetings.
- 4.2.3. At the first meeting of any calendar year the BOD shall levy such dues or assessments as shall be deemed necessary for the business of the Association.
- 4.2.4. In the event of the mid term vacancy of the office of President, the BOD shall elect a new President by simple majority of the quorum.
- 4.3. Sixty percent of members of the BOD shall constitute a quorum.

5.0 Meetings:

- 5.1. General Meetings shall be held on regular basis as determined by the BOD.
- 5.1.1. Attendance shall be open to all members and the general public.
- 5.1.2. In the event that meeting agenda addresses formal business, such as elections, notice of intention to conduct formal business shall be declared.
- 5.1.3. The time, location, and declarations, if needed, shall be published no less than five (5) days before the meeting date.
- 5.1.4. The Officers and elapsing members of the BOD shall be nominated at the October General Meeting and elected at the November General Meeting. Members may cast their vote in absentia provided their signed proxy is in the possession of the Secretary by the November General Meeting.
- 5.2. Special Membership Meetings may be called by the President upon the written request of any five club members or resolution of the BOD. Notices shall be sent to members concerning special meetings and the business to be transacted declared. Only such business as declared shall be transacted. Such notices shall be sent so that they arrive not less than forty-eight (48) hours before the meeting.
- 5.3. Special Event Meetings may be declared by the President or majority vote of the BOD at any time. Such meetings are intended for the promotion and practice of Amateur Radio and not for the conduct of formal business.. Formal business may not be transacted at such meetings.
- 5.4. Board of Directors (BOD) Meetings shall be held on regular basis as determined by the BOD.
- 5.4.1. Attendance shall be open to all members and guests invited by the President.
- 5.4.2. The time, location, and declarations, if needed, shall be published not less than five (5) days before the meeting date.
- 5.4.3. Issues shall be decided by a quorum of the membership of the BOD.
- 5.5. Special Board of Directors (BOD) Meetings may be called by the President or any three (3) members of the BOD at any time or place.
- 5.5.1. Notice of the business to be transacted shall be declared. Only such business as declared shall be transacted. The time, location, and declarations, shall be communicated by the President, Secretary, or their designate to the BOD as soon as reasonably possible.
- 5.5.1.1. Notice may be made in person, postal, e-mail, telephonic, or other electronic media. Where the first notice is unsuccessful, second and third attempts shall be made using other methods described above.
- 5.5.2. Attendance may be in person or by symbolic virtual attendance communicated by Amateur Radio or any real time or near real time electronic media.
- 5.5.2.1. The President, Secretary, or their designate shall be responsible for communicating issues and motions on the floor to virtual attendees.
- 5.5.3. Unless otherwise stated in these By-Laws, issues decided at Special Board of Directors Meetings shall be decided by the simple majority of all BOD members.

- 5.5.3. 1. BOD members not in attendance shall be deemed to have cast votes in opposition to all ballots except motions to table or adjourn.
- 5.5.3.2. Motions to table or adjourn require only a simple majority of BOD in attendance

6.0 Dues:

- 6.1. Annual dues are payable by January 1st and considered delinquent by February 28th.
- 6.2. New members are prorated according to the following formulas:
 - 6.2.1. For January: 100% annual rate.
 - 6.2.2. For February through October: [(eleven minus the month number) x 10%]. {i.e. June = [(11-6) x 10%] = 50% annual rate}
 - 6.2.3. November and December: 100% of succeeding year's annual rate (i.e. free when making advance payment for next year.)
- 6.3. Delinquent members are not eligible to cast ballots or access other member benefits.

7.0 Community Outreach

- 7.1. The President may appoint Public Relations and Technical Committees to provide assistance to the community in frequency observance, clean signals, uniform practice, absence of spurious radiation, and general furtherance of Amateur Radio.
- 7.2. Affiliations:
 - 7.7.1. In furtherance of the objectives stated in the Preamble, it is the intention of SCCARA to be an affiliated club of the American Radio Relay League (ARRL).
 - 7.7.2. SCCARA will encourage ARRL membership and participation by its members, to remain an affiliated club in good standing. However, ARRL membership will not be required as a condition of membership.
 - 7.7.3. The Secretary shall assist all SCCARA members in obtaining the services made available by the ARRL.
 - 7.7.4. SCCARA may also choose to affiliate with other organizations (such as the Red Cross) in furtherance of community service and the interests of the club. Such affiliations may be established or terminated by a majority vote of the BOD.

8.0 Amendments:

- 8.1. These By-Laws may be amended by a two-thirds vote of the members and proxies present at a General Meeting. Proposals for amendments shall be submitted in writing at a General Meeting and shall be voted on at the next following General Meeting, provided all members have been noticed by mail of the intent to amend the By-Laws at said meeting. Robert's Rules shall govern proceedings.

9.0 Resignation:

- 9.1. Any Officer or Director may resign their office by submitting a letter of resignation to the Secretary.
- 9.2. Implied Resignation:
 - 9.2.1. Any Officer or Director that is delinquent in dues by April 2nd is deemed to have resigned their office.
 - 9.2.2. Any Officer or Director that has more than two (2) consecutive unexcused BOD meeting absences or that has more than three (3) consecutive unexcused General meeting absences, with the concurrence of the majority of the BOD, is deemed to have resigned their office.
 - 9.2.2.1 An absence is deemed excused if advanced notice of the absence is filed with the President, or Secretary, or any two Directors.

10.0 PARLIAMENTARY AUTHORITY:

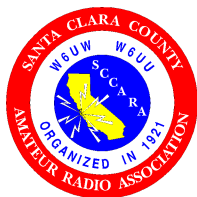
- 10.1. The Rules of Order governing the Association in all cases except where contrary to these By-Laws, the Articles of Incorporation, or any Special Rules of Order adopted by the Association shall be those contained in the latest edition or printing of Robert's Rules of Order.

Submitted to the BOD February 18, 2008.

Ratified by the general membership _____.

SCCARA By-Laws 2008 draft revision 2/21/2008

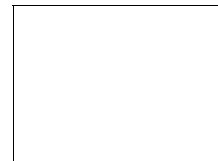
{This text is verbatim exactly as received, except the word "Proposed" was added to the title and the layout was adjusted. – Editor}



SCC-A-R-A

Santa Clara County Amateur Radio Association
PO Box 6
SAN JOSE CA 95103-0006

Affiliate of the ARRL,
American Radio Relay League



FIRST CLASS

ADDRESS SERVICE REQUESTED

SCC-A-R-A Membership Form for 2008

(Fill in name and call only if renewing and no info has changed)

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

Address: _____ Licensed since (yr): _____

City: _____ State: _____ Zip: _____ - _____ Licence Expiration
Date (mo/yr): _____

Telephone: () _____ ☐ New Member ☐ Renewal
☐ I'm also a member of the ARRL

E-mail: _____

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: ☐ \$20 Individual ☐ \$25 Family ☐ \$10 Student (under 18)
For family memberships (at the same address), please include a separate form for each family member.

I want the newsletter by: ☐ U.S. Mail ☐ internet (make sure your e-mail address is legible and correct)

Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the club address.