

# SCCARA-GRAM

Santa Clara County Amateur Radio Association

Volume 9, Number 9

September 1993

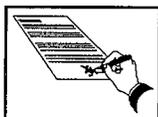
## President's Prose

Doug Eaton, WN6U demonstrated the Pactor capabilities of the club station. A CQ yielded a QSO with a station in Chile that lasted for about 45 minutes with the Chilean station using as little as 800 milliwatts! Come down and give it a try if you do not have Pactor (or Amtor) at your home station.

W6UW will also be in both the CW and phone Sweepstakes contests in November, so come on down to the Red Cross if you are interested.

On the ten meter net recently, the possibility of SCCARA getting some test equipment for setting up member stations and antennas in particular was discussed. Do you think this would be a good idea? Let me know.

73, Don KC6WMM



## Good and Welfare

SCCARA Vice President Harold Welch, KK6ZE, has just suffered the loss of his mother, who was living in Arizona. At press time last month, Harold made a rush trip home to see his then critically ill mother. Apparently doing better, Harold returned home, only to be notified that she had a sudden reversal and succumbed. We extend our sympathy to Harold and his family for their loss.

Gene Duckett, W6LYG is currently laid up with arthritis, temporarily (we hope) keeping him homebound.

No other illnesses have been reported.

## Calendar

- 9/11 Foothill Flea Market--last for 1993
- 9/13 SCCARA General Meeting--dinner!
- 9/27 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 10/11 SCCARA General Meeting
- 10/22-24 Pacificon '93

### Next General Meeting

Day: Monday, September 13, 1993  
Time: 6:00 PM doors open, coffee  
7:00 PM start serving  
Place: United Way Building  
Agenda: DINNER MEETING! This will be like last time--spaghetti dinner. \$4 per person, family is welcome. We might have an amateur related video too.

The United Way Building is about one mile South West from the San Jose Air Port. From I-880: take the Alameda turn-off going South for ½ block then turn left on McKendrie. From the South: go North on the Alameda, ½ block past Hedding turn right on McKendrie.

As soon as you turn onto McKendrie (heading East), turn right into the parking lot just behind the small church on the corner. It's best to park at the far end of the parking lot. The entrance is up the steps at the South East corner of the building. There is wheelchair access at another door at the North East corner, but for security reasons, only one door is open at a time--someone will have to notify the guard if you need wheelchair access. Also, try not to be too late--the doors may be closed with nobody around to let you in.

The San Jose Red Cross is located at the East end of McKendrie, across the I-880 freeway (South) from the San Jose Air Port. From I-880: take the Colman turn-off, head South, turn left (East) at the first road--that's McKendrie. From the South: go North on Colman, just past Hedding turn right (East) on McKendrie.

A recent SCCARA-GRAM credited me with having donated the crank-up mast, tribander antenna, and rotator that SCCARA has been using for many Field Days. However, several people deserve some of that credit. First, I would not have given it in the first place had not Bob Hudgens, WA6KUC, given me a lesser antenna. Then the rotator control was stolen, which was generously replaced by our now ARRL V.P. Rod Stafford, KB6ZV. Then last year the wiring to the rotator was physically pulled out by accident. This was painstakingly replaced by Wally Britten, KA6YMD. So, please consider this a gift from the above. Originally, the antenna was purchased new by a neighbor, Lou Brummel, now a "Silent Key."

Should you hear of anything that should be reported in this column, please phone me at (408) 264-2988 (there is a message machine) or catch me on a net.

73, DE Ed WD6CHD

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## Treasurer's Treatise

Looks like 1993 is winding down. In October we start the dues kickoff for 1994. It is time to start making plans for the holidays--December 17<sup>th</sup> is our XMAS party--and YOU ARE INVITED. A form to pay the dues plus sign up for the annual Christmas dinner will be forthcoming in the October SCCARA-GRAM.

A portion of our last board meeting was spent with yours truly giving a presentation of the clubs financial shape. Emphasis is on whether we should (or need) to raise the annual dues. If you have thoughts on the subject please let Don KC6WMM or myself know.

This month I will discuss the repeater checking and savings accounts. Several years ago, the SCCARA repeater was weak and unreliable. It was a continual discussion area at the meetings. The repeater committee wanted more money to make the repeater work better and the board wanted the repeater to work better before it gave

them and money...or something like that. Out if the mists came Frank AA6LL, JD K6YKG, and others with the idea of starting a booth at the Foothill Flea Market and funneling the proceeds into a private account. Their activities were (and continue to be) a great success. With the help of a revitalized repeater committee (I must mention Stan WA6VJY, Trish WA6UBE, and Wally KA6YMD in particular) lo and behold, the two meter repeater was moved to a new and much improved location and much of the equipment was replaced with more modern hardware.

That private flea market account I spoke of is now the repeater account. There is a non-interest bearing checking account and a linked savings account which pays market rate. (Hey, three percent is better than nothing.) In addition to the monthly flea market revenue, the annual autopatch dues are also deposited there. Expenses consist of hardware repairs and hardware upgrades as needed. This year a new RC96 controller (\$1477), a rack (\$184), and a couple batteries (\$108) were purchased.

Through the efforts of Gary WB6YRU, the flea market has grossed over \$1100 so far this year. We do have to pay about \$540 storage out of that. That's a chunk of change for keeping that stuff. If you have any unique ideas on how to cut that figure back please let the board know.

On another topic, the current club membership broken down by license class is as follows:

|             |    |
|-------------|----|
| No license  | 4  |
| Novice      | 1  |
| Technician* | 63 |
| General     | 27 |
| Advance     | 27 |
| Extra       | 38 |

\*Includes no-code and tech. plus

That's it for now. Hope you have a great Labor Day weekend.

73, Mike KB6LCJ, Treasurer

# Meeting Minutes

Santa Clara County Amateur Radio Association  
General Membership Meeting, August 9, 1993

7:30 PM SCCARA President, Don, KC6WMM, called the meeting to order. Self introductions followed as is the custom.

The guest speaker was Gary Kuusisto, N6TCF, who discussed NiCd batteries. He gave a general overall picture of the NiCd battery industry today and what we can expect in the future. He also discussed the care, maintenance, terminology and the disposal of NiCd batteries. Gary also talked about the advantages and disadvantages of NiCd batteries and lead-acid batteries. The talk was interesting and very informative. We thank Gary for his talk.

## BUSINESS MEETING:

Gary, WB6YRU, who is in charge of our Foothill Flea Market stand says that help is needed for the flea market.

Mike, KB6LCJ, announced that SCCARA will be conducting another amateur radio class this fall. Mike, who is also the Treasurer, announced that a down payment has been made to the restaurant for the Christmas Party.

Don, KC6WMM, President, asked if anyone was interested in running for a club office, they should contact a member of the Nomination Committee.

Health and Welfare: Ed, WD6CHD, requested that any items for the Health and Welfare Committee be given to him.

Barbara, KD6QEI, The chief field day chef requested anyone with any suggestions for field day meals please give them to her so that field day will continue to be the great event it has been in the past.

Don, K6PBQ, announced that the September meeting will be a spaghetti dinner meeting. The cost will be \$4.00 per person and it will start at 6:30.

Brad Wyatt, K6WR, ARRL Vice Director, Pacific Division discussed some pending and proposed legislation and other ham related

activities.

Don, K6PBQ, announced that SCCARA will host the Boy Scout Jamboree on the Air (JOTA) October 16 & 17 and the November Sweepstakes at the Red Cross. See QST for the dates. Doug, WN6U, will coordinate the sweepstakes event and Don, K6PBQ will coordinate JOTA.

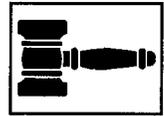
9:34 PM Meeting Adjourned.

73, Lloyd KD6FJI, Secretary

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## Moved and Seconded

August Board Meeting



SCCARA will sell its Yaesu FT-101E to the membership at the November meeting. The plan is to sell it by sealed bid. The rig should be on display at the Sept. or Oct. meeting.

The Board is debating whether the dues should be raised and by how much. Interested members are encouraged to make comments to any board member. It will be voted on during the Sept. board meeting.

The door prize for the Sept. dinner meeting will be free dinner for two at the SCCARA Christmas dinner meeting in December.

The SCCARA Christmas dinner meeting will be the same as last year (same place, same cost, same menu).

Bob KB6OHO, (nomination committee chairman) said the only positions still without any candidates are Pres. and V.P.

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## Flea Market

The August flea market went pretty well for SCCARA and even held a surprise.

Due to a couple of oldies-but-goodie rigs we made \$303.70. Without them, the total would have been more like \$150.

During the usual activities, lo and behold, Frank AA6LL stopped by! I sure was surprised. For those who may not know: Frank was the guy who started SCCARA's flea market effort for our repeater fund. A while back, he had to move to Ohio for economic reasons. He was in the area for his kid's wedding. Whatever the reason, we were glad to see him! He even helped sell for a while and gave me some good suggestions on price for those old rigs.

Don KC6WMM also stop by for a little while and helped out with the selling. Special thanks go to one of our new members: Ed KD6ZJI (he just got his license too) who helped transport the goodies to and from the flea market and help sell the whole time.

The next flea market is the last one for 1993. Our storage locker is currently about 80% full. None of the stuff is expected to bring a high price; so, unless something good shows up soon, I predict we will end this flea market season with just an average "take."

If you have something you would like to donate or would be willing to help out, let me know.

Mike KB6LCJ commented in the Treasurer's column that the storage locker costs some \$540 per year. I would just like to expand on that: This is a lot--roughly a third of what we gross! If we have a poor turnout or don't get many donations of reasonable value, we can actually end the year with a *loss*. (Not to mention a loss in morale for the volunteers.) We need a secure storage area of at least 50 square feet, preferably with shelving or the ability to accept shelving (which we can put in). Also, we would need reasonable access to it. If anyone has any ideas for alternatives, *please* let us know.

73, Gary WB6YRU

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## **A Class Act**

Yes Virginia, there is a SCCARA Code and Theory class starting up.

The first session will be Thursday

September 2<sup>nd</sup> at the Santa Clara Adult Ed. center on 1840 Benton Street. I have ten students confirmed as of this writing, so unless all signs fail we should have a good one.

Want to help out? Call Mike KB6LCJ at (408) 243-6745, send a note on packet via N0ARY, or get me on a SCCARA net. We could use help setting up demos, helping Doug WN6U with the code class, or ideas we haven't even considered.

73, Mike KB6LCJ

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## **Thank You**

Gary Kuusistu N6TCF gave a very informative talk on batteries at the August meeting. The focus was on rechargeable batteries: NiCd and the new Ni-hydrides. If you weren't there, you missed a good one!



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## **JOTA at W6UW**

JOTA, the scouting Jamboree On The Air is when scouts talk to other scouts across the country using amateur radio. The dates are October 16<sup>th</sup>-18<sup>th</sup>. Our club station at the Red Cross will be operating JOTA on Saturday Oct. 16<sup>th</sup> and Sunday Oct. 17<sup>th</sup>. Jamboree On The Air is for both boy and girl scouts. If you can Help man the station or know of any scout leaders, let me know so we can have a good participation. We need three operators to work the station each day.

Don Village, K6PBQ

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# Packet Pieces

## Downloaded from the packet network:

=====  
Date: 20 Aug 93 05:25  
From: KD2BD@WB2COP  
To: FCC@ALLUS  
Subject: FCC Revises Section 97.113  
=====

(Editor's note: this file was a bit large, most of the summary and preamble was removed to save space. The text of the new rule itself was not edited.)

**SUMMARY:** The rules for the amateur service have been amended to lessen restrictions on the scope of the permissible communications that amateur stations may transmit. This amendment will permit greater flexibility for amateur stations while transmitting communications for public service projects and personal matters. Prior to this amendment, 97.113(a) of the Commission's Rules, 47 CFR 97.113(a), prohibited amateur stations from transmitting any communications the purpose of which is to facilitate the business or commercial affairs of any party, or using the amateur service as an alternative to any other authorized radio service.

The amateur service community stated that it generally desired a relaxation of this restriction to accommodate contemporary communications demands and the operational capabilities of amateur station licensees. Any amateur-to-amateur communication, therefore, will be permitted unless specifically prohibited, or unless transmitted for compensation, or unless done for the pecuniary benefit of the station control operator or his or her employer. The Commission specifically noted the American Radio Relay League's statements that it expects no noticeable change in amateur operations as a result of this rule amendment and that the proposed rule is a good, workable middle ground offering the requisite protection against exploitation.

EFFECTIVE DATE: September 13, 1993.

Section 97.113 is amended to read as follows:

97.113 Prohibited transmissions.

(a) No amateur station shall transmit:

(1) Communications specifically prohibited elsewhere in this Part;

(2) Communications for hire or for material compensation, direct or indirect, paid or promised, except as otherwise provided in these rules;

(3) Communications in which the station licensee or

control operator has a pecuniary interest, including communications on behalf of an employer. Amateur operators may, however, notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis;

(4) Music using a phone emission except as specifically provided elsewhere in this Section; communications intended to facilitate a criminal act; messages in codes or ciphers intended to obscure the meaning thereof, except as otherwise provided herein; obscene or indecent words or language; or false or deceptive messages, signals or identification;

(5) Communications, on a regular basis, which could reasonably be furnished alternatively through other radio services.

(b) An amateur station shall not engage in any form of broadcasting, nor may an amateur station transmit one-way communications except as specifically provided in these rules; nor shall an amateur station engage in any activity related to program production or news gathering for broadcasting purposes, except that communications directly related to the immediate safety of human life or the protection of property may be provided by amateur stations to broadcasters for dissemination to the public where no other means of communication is reasonably available before or at the time of the event.

(c) A control operator may accept compensation as an incident of a teaching position during periods of time when an amateur station is used by that teacher as a part of classroom instruction at an educational institution.

(d) The control operator of a club station may accept compensation for the periods of time when the station is transmitting telegraphy practice or information bulletins, provided that the station transmits such telegraphy practice and bulletins for at least 40 hours per week; schedules operations on at least six amateur service MF and HF bands using reasonable measures to maximize coverage; where the schedule of normal operating times and frequencies is published at least 30 days in advance of the actual transmissions; and where the control operator does not accept any direct or indirect compensation for any other service as a control operator.

(e) No station shall retransmit programs or signals emanating from any type of radio station other than an amateur station, except propagation and weather forecast information intended for use by the general public and originated from United States Government stations and communications, including incidental music, originating on United States Government frequencies between a space shuttle and its associated Earth stations. Prior approval for shuttle retransmissions must be obtained from the National

Aeronautics and Space Administration. Such retransmissions must be for the exclusive use of amateur operators. Propagation, weather forecasts, and shuttle retransmissions may not be conducted on a regular basis, but only occasionally, as an incident of normal amateur radio communications.

(Info via Jim Blackwell, N3KWU, and Pat Kilroy, WD8LAQ)

=====  
Date: 25 Aug 93 21:51  
From: KD3OA@KD3OA  
To: QST@ARL  
Subject: ARLB094 LOCAL, STATE LAW RELIEF  
=====

QST DE W1AW  
ARRL Bulletin 94, FROM ARRL HEADQUARTERS  
NEWINGTON CT AUGUST 25, 1993  
TO ALL RADIO AMATEURS

LOCAL, STATE LAW RELIEF

The FCC has granted, in part, a motion by the ARRL for a declaratory ruling asking the Commission to preempt certain state statutes and local ordinances affecting transceivers used by amateurs.

The laws addressed (in PR DOCKET 91-36) prohibit the possession of such transceivers if they are capable of receiving certain frequencies other than amateur bands.

The ARRL said that amateur transceivers typically allow for incidental reception of frequencies adjacent to amateur bands in order to ensure adequate performance within the amateur bands. The League also said that amateurs have special needs for out-of-band reception, a fact the marketplace long has recognized by offering transceivers to accommodate those needs.

The FCC said that state and local laws that make possession of amateur transceivers in vehicles or elsewhere illegal merely because they can receive certain frequencies, the reception of which is not precluded by federal law, are preempted by federal law. The Commission said that such local and state laws are inconsistent with the federal laws that promote and facilitate amateur radio.

The Commission's action was August 20 and released August 25.

Relayed from W1AW by KD3OA@KD3OA.PA.USA.

=====  
Date: 23 Jul 93 23:52  
From: N8SEF@N8NNN  
To: HUMOR@ALLUS  
=====

Subject: THE AFTERLIFE?

-----  
Burt and Ernie were the best of friends, and, as they were both in their 90's, they made a bargain: Whoever died first would try hard to come back and tell the other what the afterlife was like.

Shortly after striking the deal, Ernie passed away. A few nights later Burt was lying on his bed when a voice drifted through the open window:

"Burt...Burt..."

The old man sat up. "My God Ernie, is that you?"

"Yes...and I'll tell you, it's marvelous...simply marvelous!"

"Tell me about it." Ernie urged, growing excited.

"Well, in the morning we eat breakfast, and we spend hours making love. Then we eat lunch, and spend more hours making love. Finally, we eat dinner and make love again!"

"Holy Cow!" gushed Burt. "I can't wait to die and go to heaven!"

"Heaven?" retorted Ernie. "Heck, I'm outside. I came back as a rabbit!"

From the humor section of the N8SEF newsroom.  
N8SEF @ N8NNN.#SEMICH.MI.USA.NA

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Keep smiling! :) 73, Gary WB6YRU

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## Seen on Packet...

Here are a couple of news items I picked off the packet network:

1) KGO-TV plans to make a TV special featuring teenage HAMS. Scout groups, elmers, mentors, and teenage HAMS who are interested and would like to contribute to this project may call Julie Holstein, KGO-TV, (415) 561-8172

2) Larry Kenney WB9LOZ holds a net on Wednesday nights at 9:30 PM PDT using the W6PW repeater (145.15 -) to discuss packet radio. Larry is very knowledgeable and can answer most questions people have about packet radio and if he can't, chances are that someone on the net can. It's a good place to get help with questions or problems related to packet radio.

El Wirt, K6ZYY

## **ARRL PACIFIC DIVISION UPDATE, September 1993**

by **Charles P. McConnell, W6DPD**, Director ARRL Pacific Division. 1658 W. Mesa Ave. Fresno, CA 93711-1944. 209-431-2038. Packet W6DPD @N6ZGY.#CENCA.CA.USA.NA

**Do you want to become a Ham?** Call 1-800-32NEWHAM (1-800-326-3942). You will get how to information, a list of clubs, a list of instructors, and a list of volunteer examiners in your zip code area.

**Do you want to take an Amateur Exam?** Call the ARRL VEC hot line, 408-984-8353 for exam information.

**License Fees Rejected!!** One draft of the Omnibus Budget Reconciliation Act (H. R. 2264) would have imposed an annual regulatory fee on every licensed Amateur in the United States. Under the proposal, every time a Amateur would have filed a FCC 610 form, the fee would have been collected. The ARRL learned of this proposal, and the Washington team went to work on getting this annual fee removed from the bill. They were successful, and when the bill was reported out by the House-Senate Conference Committee, the proposed fee for Amateur licenses was **NOT** there. H. R. 2264 was passed by Congress and signed into law by the President. Kudos go to the ARRL's Washington team for this victory for Amateur Radio.

**Spectrum Bills.** H. R. 2264 also contained the Emerging Telecommunications Technologies Acts of 1993 (S. 335 and H. R. 707). The final version of H. R. 2264 contained the protections that were contained in the Senate bill (S. 335). This requires the Secretary of Commerce to seek to avoid excessive disruption of the existing Amateur use of shared Federal/Amateur frequencies. Kudos again to the ARRL's Washington team for this victory for Amateur Radio.

**Vanity Call signs.** H. R. 2264 contains a provision which allows the FCC to collect a fee for vanity callsigns. Some time in the future (how soon is not known at this time), Amateurs will be able to get back a previously held call sign, or a different call sign of your choice that is not currently issued. However, you will have to pay a fee to get this vanity call sign.

**Semi-Automatic HF Digital.** ARRL has filed comments in RM 8280 asking that stations under automatic control be allowed to operate outside the sub-bands proposed in RM 8218 under three limitations: (1) the automatic stations must not initiate transmissions, (2) they must be able to respond only to interrogation by stations operated under local or remote control, and (3) they must be limited to a bandwidth of 500 Hz. August and September 1993 QSTs have information on RM 8218 and RM 8280.

**Message Content Rules.** ARRL has filed comments in support of FCC PR Docket 93-85 which would (1) hold the originator and first store and forward station in a data message network are properly accountable for the message content, and (2) the originator of a message should in all cases be held responsible for the content of a message, with the first store and forward operator held responsible for either the authentication of the source of the message or the screening of its contents.

**Congratulations** to Craig Gullickson, KC6CEX, on winning a QCWA Scholarship and to Catherine Gunderson, N6QOS, on being named AEA Amateur Ambassador of the year.

## COMING EVENTS.

1. LIVERMORE SWAP MEET. 1st Sunday of each month at Las Positas College in Livermore, CA. 7 AM to Noon, all year. Contact N7TVE for information.
2. FOOTHILL SWAP MEET. 2nd Saturday, March-September. Foothill College, Los Altos CA.
3. ARRL VHF QSO Party Sept. 11-13, 1993
4. ARRL Southwestern Division Convention. September 17-19, 1993. Holiday Inn on the Beach in Ventura CA.
5. Sonoma County Radio Amateurs Eleventh Annual Ham Radio Flea Market, Saturday September 18, 1993 from 07:30 AM to 2:00 P.M. at the Holy Ghost Hall, 7960 Mill Station Rd, just off Hwy 116 north of Sebastopol, CA. Admission is free, but flea market spaces are \$10. Vendor setup starts at 06:30 AM. Talk-in is on 146.13/73. Auction at 11:30. For tickets and information, write SCRA, Box 116, Santa Rosa, CA 95402.
6. Sierra Foothills ARC Swapmeet September 19, 1993. 5334 Auburn Blvd. Sacramento CA 95841. Contact Jim Lomax, AB6OP, at 916-334-4887 for information and booth cost.
7. Amador ARC Hamfest. September 25, 1993. Senior Center in Jackson.
8. River City ARCS Swapmeet. September 26, 1993. Contact Phil Menard, N6ZVA for information.
9. California QSO Party. October 2-3, 1993 Send a business size SASE to Ken Anderson, K6PU, Box 853, Pine Grove CA 95665 for a paper work package (logs, summary sheet, county abbreviations, etc).
10. Scout Jamboree-on-the-air October 16-18, 1993
11. PACIFICON '93. ARRL PACIFIC DIVISION CONVENTION. October 22-24, 1993 in Concord sponsored by the Mt. Diablo ARC. Call the Pacificon Hot line 510-932-6125 for information.
12. CQ Worldwide SSB Contest Oct. 30-31, 1993
13. ARRL November Sweepstakes CW Nov. 6-8, 1993
14. ARRL November Sweepstakes Phone Nov. 20-22, 1993
15. ARRL 160 Meter Contest December 3-5, 1993
16. ARRL 10 Meter Contest December 11-12, 1993

# 1993 California(CA) QSO Party (CQP)

## Sponsored by the Northern California Contest Club

Begins: 1600 UTC - 2 October 1993

Ends: 2200 UTC - 3 October 1993

- OBJECT:** Stations outside of California work as many California stations in as many CA counties as possible. Stations in California work anyone.
- EXCHANGE:** California stations send QSO number and county. Stations outside of California send QSO number and State, Province, or Country.
- QSO POINTS:** Each complete non-duplicate Phone contact is worth 2 points. Each complete non-duplicate CW contact is worth 3 points. No partial contact credit. Duplicate contacts must be clearly identified in log.
- MULTIPLIERS:** California stations count states (50) and Canadian Provinces (VO/VE1-7 and YV1/VE8) for a possible total of 58. All others use California counties for a maximum of 58. CA stations on a county line may be claimed as a multiplier for any or all of the counties they give in their exchange. Number each multiplier as worked.
- SCORE:** The total score is the total number of QSO points multiplied by the total number of multipliers (58 Maximum).
- FREQUENCIES:** 160, 80, 40, 20, 15, 10, 6, and 2 Meters. WARC band contacts do not count. Suggest CW on 1805 and 40 kHz up from band edge. Phone on 1815, 3850, 7230, 14250, 21300, and 28450 KHz. Novices 10 KHz up from band edge and 28450.  
Try CW on the half hour.  
Try 160 meters at 0500 UTC; 80/75 meters at 0300 and 0700 UTC.  
Try 147.54 MHz at 2000, 0000, and 0400 UTC.
- CLASS ENTRY:** Single Operator, Multi-Single, Multi-Multi, California County Expedition, Mobile, and Novice/Tech.
- Single Operator entries limited to 24 hours maximum; off times must be clearly marked in the log and be a minimum of 15 minutes.
  - Multi-Operator entries may operate the full 30 hours.
  - Stations may be worked once on CW and once on Phone per band.
  - Single Operator and Multi-Single entries are allowed only one transmitting signal.
  - All CW contacts must be made in the CW sub-band except for 160 Meters. MCW is not permitted.
  - All contacts must be simplex.
  - California stations that change counties are considered to be a new station and may be contacted again for point and multiplier credit. California stations operating on a county line may be counted only as one QSO.
- ENTRIES:** All logs and signed summary sheets must be submitted to: **NCCC, c/o Ken Anderson, K6PU, Box 853 Pine Grove, CA 95665.** Entries may be submitted in CT Version 8 format with .BIN, .SUM, and .ALL files on 5 1/4 or 3 1/2 diskettes (no 2.88M diskettes) with a signed hard copy summary sheet. Label each diskette with call entry category and state/county/province/country. All entries must be postmarked no later than 15 November 1993. Please include \$1.00 for results if desired. Entries of 200 or more QSOs must include duplicate check lists. For a CQP paperwork package containing log and summary sheets, county abbreviations, and contest records send a business size SASE to the above address.
- AWARDS:** Certificates and a special CQP wine glass - To top Single Op entry in each CA county, state, province, country, and stations with 100 or more QSOs.
- Trophies - To top three non CA Single Op entries, top three CA Single Op, top CA Multi Single, top CA Multi-Multi, top Single and Multi Op CA County expeditions.
- Special CQP Wine Award - The top 20 CA and top 20 non-CA Single Op operators will receive a personalized bottle of NCCC Private Reserve California Wine. Winners under the age of 21 will receive a non-alcoholic personalized award.
- Special Trophies - To the CA and non-CA Single Ops with the most QSOs, the most CW QSOs, and the most Phone QSOs. to the Mobile Single Op or Team with the most QSOs, to the top CA and non-CA Single Op low power entries (200 watts or less output), to the top CA and non-CA Single Op Novice/Technician entries, to the top scorer outside of the USA and Canada, and to the top club in California (5 entries minimum - NCCC and SCCC are ineligible).

**OFFICERS and DIRECTORS**

|                 |                         |          |
|-----------------|-------------------------|----------|
| President       | Don Hayden, KC6WMM      | 867-4643 |
| Vice President  | Harold Welch, KK6ZE     | 578-3273 |
| Secretary       | Lloyd DeVaughns, KD6FJI | 225-6769 |
| Treasurer       | Mike Hastings, KB6LCJ   | 243-6745 |
| Station Trustee | Stan Getsla, WA6VJY     | 275-0735 |
|                 |                         |          |
| Director        | Don Village, K6PBQ      | 263-2789 |
| Director        | Lou Steirer, WA6QYS     | 241-7999 |
| Director        | Doug Eaton, WN6U        | 377-3736 |
| Director        | Stan Getsla, WA6VJY     | 275-0735 |
| Director        | Gary Mitchell, WB6YRU   | 265-2336 |

**STAFF**

|              |                       |          |
|--------------|-----------------------|----------|
| Database     | Joe Quirantes, WA6DXP | 371-0959 |
| Editor       | Gary Mitchell, WB6YRU | 265-2336 |
| Facilities   | Don Village, K6PBQ    | 263-2789 |
| Mailman      | Tony Sanchez, K6MOB   | 296-6676 |
| Photographer | Bob Keller, KB6OHO    | 725-1034 |
| Welfare      | Ed Rawlinson, WD6CHD  | 264-2988 |

**COMMITTEES**

|                      |                       |          |
|----------------------|-----------------------|----------|
| Repeater             | Stan Getsla, WA6VJY   | 275-0735 |
| Flea Market, Monthly | Gary Mitchell, WB6YRU | 265-2336 |
| Nominating           | Bob Keller, KB6OHO    | 725-1034 |

**SCCARA REPEATERS**

SCCARA currently owns and operates two repeaters under the call W6UU:

|          |                    |
|----------|--------------------|
| 2 meter: | 146.385 +          |
| 70 cm:   | 442.425 + PL 107.2 |

Phone patch capability is available with a small subscription fee. 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**

Mondays at 1930, on our 2 meter repeater. Net control: Joe WA6DXP.

Thursdays at 2000, on 28.385 MHz USB. Net control: Wally KA6YMD.

Members and visitors alike are encouraged to join in on the SCCARA nets. Wally KA6YMD usually conducts the ten meter net from the SCCARA club station: W6UW, located at the San Jose Red Cross (just South from the San Jose Air Port).

**IMPORTANT TELEPHONE NUMBERS**

|                     |          |
|---------------------|----------|
| SCCARA HOTLINE:     | 249-6909 |
| ARRL CLASS HOTLINE: | 971-1424 |
| ARRL VEC HOTLINE:   | 984-8353 |



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**SANTA CLARA COUNTY  
AMATEUR RADIO ASSOCIATION**

P.O. BOX 6  
San Jose, CA 95103

Affiliate of the American Radio Relay League

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