

SCCARA-GRAM

Santa Clara County Amateur Radio Association

Volume 9, Number 8

August 1993

President's Prose

SCCARA has several events scheduled for this Fall. We will have a Spaghetti dinner for the September meeting, since last year's was very popular. We will be entering W6UW in the ARRL sweepstakes for both the phone and CW contests. This will be a good time to get your feet wet in contesting. Doug, WN6U will be the coordinator. Don, K6PBQ will be running the JOTA for 1993 from W6UW. This involves contacts between members of either Boy Scouts or Girl Scouts and will be in October.

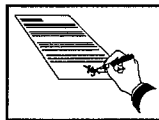
The deal to purchase the FT-726R has fallen through, due to inability to agree on terms.

The Field Day totals for SCCARA have been sent off to ARRL and this year's total was the best for several years.

A nominations committee for two board of directors positions and the four officer positions for 1994 is in existence now with Bob, KB6OHO as chair and Ed, WD6CHD; Gene, W6LYG; and Doug, WN6U as members. See any of these people for candidates for next year's leaders.

The ARRL book sets have been donated to the Campbell and Milpitas libraries.

73, Don KC6WMM



Treasurer's Treatise

We had the following expenses for July:
\$192.00 to reserve Mount Madonna for 1994.
\$ 81.84 for July SCCARA-GRAM
\$ 40.95 SCCARA Hotline (Feb-June)
\$ 75.00 United Way rent

Calendar

- 8/14 Foothill Flea Market
- 8/9 SCCARA General Meeting
- 8/23 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 9/11 Foothill Flea Market
- 9/13 SCCARA General Meeting--NOTE: this will be dinner meeting!
- 9/27 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 10/22 Pacificon '93

Next General Meeting

Day: Monday, August 9, 1993
Time: 7:30 PM
Place: United Way Building
Agenda: Gary Kuusistu N6TCF will talk about the care and use of rechargeable batteries.

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.

\$125.00 Storaway storage lockers

Our income was:

\$108.00 Rebate from 1993 Field Day

\$ 63.00 1993 dues

\$ 27.00 July raffle income

\$ 75.00 Donation from a 1993 renewing member.

My first question is... do the members want to see this data on a monthly basis? Let me hear your feedback. I will continue if there is an interest.

Our Storage lockers a Storaway have been a problem this year. It a nutshell, we hoped to get some kind of a discount for paying a year in advance. No dice. We are currently paying a month at a time. There are two lockers and we pay each out of separate accounts. Does anyone have ideas here?

That's it for the current Treasurers report.

This month I will give you an overview of our databases.

There are a couple databases utilized in SCCARA. They all start with you sending in your dues and getting on the roll.

Master database: kept and updated by the treasurer, it contains name, address, call, repeater data, license expiration (when available) etc. It is from here that the roster is generated.

Label Database: Maintained by Joe WA6DXP and is updated from the master database. This is used to make up the monthly SCCARA-GRAM labels. It includes labels to other clubs, stores, etc.

When you send in your dues form, the data is used to initiate or update your entry in the Master database. The treasurer then forwards the data to update the label data base plus Stan WA6VJY gets copied when there are people asking for autopatch and autodial.

That about covers it. See you at the meeting!

73 Mike KB6LCJ, Treasurer

Thank You



I would like to thank Doc Gmelin W6ZRU for his great presentation on the "Days of the 807." Doc has a lot of SCCARA history in his memory banks and it is good to here about it.



Nick Marshall, W6OLO, told us about Project Moonray--a plan to put a UHF repeater on the Moon, at the June meeting.



Thanks Guys! Harold, KK6ZE

A Class Act

Licensing class in September

I am happy to say the a meeting of the instructors from the spring licensing class was held on 07/13. Present were Doug WN6U, Don

KC6WMM, J KD6PBH, Harold KK6ZE, Jim WE6V and yours truly. Also in attendance was Swami W6/VU2MLY. Swami is visiting from India.

The decision was made to start the class concurrent with the code on Thursday 09/02 and to finish the week prior to Thanksgiving.

Don KC6WMM has offered to do a course rewrite. In the spring we taught in small segments, i.e. propagation, AC/DC, rules and regulations in small portions each meeting night. The new plan will be to teach one area each night, (e.g. AC/DC theory would be covered in its entirety in one evening instead of segmented over several weeks).

The new format opens the door for "guest instructors" who could cover their area of expertise.

Please read and pass around the flier found in this issue and let's see if we can find some new hams. If you would like to help out, please call me, Mike KB6LCJ at (408) 243-6745 or on packet (home BBS N0ARY).

73, Mike KB6LCJ

Meeting Minutes

**Santa Clara County Amateur Radio Association
General Membership Meeting, July 12, 1993**

SPECIAL SCCARA BOARD MEETING (the board met for a few minutes just before the general meeting)

7:15 P.M. Meeting called to order by SCCARA President Don KC6WMM.

The purpose of this meeting is to decide if SCCARA should buy Doc's, W6ZRJ, Yaesu FT-726R all 2 meter/440 all mode rig.

Doug Eaton, WN6U, made a motion to buy Doc's Yaesu FT-726R 2 meter/440 all mode rig provided it is fully operational and we get a 30 day trial period.

The motion was seconded by Don Village, K6PBQ. A discussion followed. The motion was approved unanimously by the board.

7:30 P.M. Meeting adjourned.

SCCARA GENERAL MEMBERSHIP MEETING

7:33 P.M. Don, KC6WMM, SCCARA President called the meeting to order. Self introductions followed as is the custom.

Don, KC6WMM, introduced the guest speaker, Doc, W6ZRJ. Doc's subject was the 807 tube. This was the tube that could be found in many of the HF transmitters prior to when the transistor took over? Doc gave a history of the tubes use in amateur radio and he also discussed some of the other tubes that followed the 807. Doc pointed out some of the problems that this tube would cause while transmitting. Doc also talked about all metal tubes and one of their big problems was that the filament light was not visible and one could not tell if the tube was working or not.

Al, W6VZT, also talked. His subject was antennas. According to Al, almost any piece of wire will do as an antenna if put a coil and a variable condenser at its base. Al urged us to talk intelligently on the radio. He has heard terms like 100% Quieting and Full Quieting on the repeater and neither of these can be accomplished.

Business portion of the meeting

Reports:

Health and welfare: Ed, WA6CHD, gave the report.

Mike, KB6CLJ, gave the treasures report
Gary, WB6YRU, gave the Flea Market report.

Doug, WN6U, gave the Field Day report.

Don, KC6WMM, introduced the subject of the club buying Doc's Yaesu FT-726R 2 meter/440 all mode rig. The club would purchase the rig for \$800.00 and Doc would donate \$50.00 back to the club. A motion was made to purchase it and the matter was put to a vote of the membership present. The vote was 25 for, 2 against and 2 abstained. Motion passed.

Brad Wyatt, K6WR, ARRL Vice Director, Pacific Division, made a few comments about bills

in congress and Pacificon 1993. He left a petition for ARRL members to sign for his candidacy for ARRL Director. He also left a petition for Jim Maxwell who is also running for ARRL office.

Doug, WN6U, will have a packet demonstration at the Red Cross building next wednesday July 21, at 7:30.

Lou, WA6QYS, who is also a member of SVECS and the person in charge of their quarterly breakfast, announced that the SVECS breakfast will be held July 24, at the Santa Clara Senior Center. Lou also asked for volunteers to help at the August 14 Flea Market which SVECS will host.

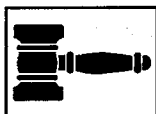
The Christmas Party will be held December 17 at Renzo's

9:10 P.M. Meeting adjourned.

Lloyd, KD6FJI, Secretary

Moved and Seconded

July Board Meeting



Doc W6ZRJ will keep his FT-726R (the deal fell through for the club to purchase it).

Bob KB6OHO, our photographer, is the chairman for the nominating committee. All officer positions and some director positions are up for election.

The general meeting (Sept. 13) will be another spaghetti feed. The cost will be \$4 per person at the door--family is welcome. Doors opens at 6PM, start serving dinner at 7PM

Don K6PBQ will coordinate SCCARA's participation in JOTA at the club station. JOTA (Jamboree On The Air) is when scouts communicate with other scouts across the country. We will need volunteers to work as control operators Oct. 16th and 17th.

Doug WN6U will coordinate activity at the club station for the ARRL Sweepstakes contest.

One weekend is for CW another is for Phone.

The PK-232 will be upgraded so the club station will soon have pactor ability.

Flea Market

The July flea market went very well for SCCARA! Thanks to Lou WA6QYS, who helped transport stuff to the flea market, we were able to bring everything we had. At the flea market, yet more stuff was donated. Almost everything sold (80%), including some items I thought we would never get rid of! The net income was \$267 despite the fact that we didn't have anything very valuable. Wally KA6YMD and Mike KB6LCJ stopped by and helped sell for a while.

I would like to welcome Ed Powell, one of SCCARA's new members to the flea market team. Ed has a small pickup truck which will be a big help in transporting the goodies.

There are two flea markets left this year. If you have something you would like to donate, please try to get it to us before the September flea market. The locker usually fills up during the winter and the next flea market is in March.

73, Gary WB6YRU

Field Day Fun

The final tally is in from field day:

<u>STATION</u>	<u>No. of CONTACTS</u>
CW	277
Phone	299
Novice	21
Digital	8
VHF (solar)	20

Total CW/Digital contacts: 288

Total Phone contacts: 337

73, Gary WB6YRU

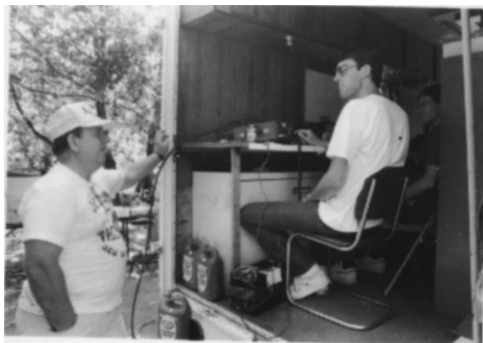
Field Day Photos:



Mike's (KB6LCJ) motor home houses the Phone station.



Dan WM6M makes a contact while Don K6PBQ does the logging.



Mike KB6LCJ checks out the Novice station.



Mike KB6LCJ makes a contact, Harold KK6ZE logs it on the computer.



Mike's (K8ERL) motor home and SCCARA's tower trailer is the CW station.



Ken KD6ABI & Marti KD6FTJ: "Hey, we made a contact!"



A crowd collects around the packet station.



Stan WA6VJY and Kathy KB6ICQ don their FCC shirts and demand to check our power output.



The HF digital/satellite station (foreground) shares the shade with the VHF solar station. Doug WN6U reads as the other station sends text.



Solar panel, courtesy of Alonzo Dallas, powers the VHF station.



VHF station (foreground, opposite angle from above) Lloyd KD6FJI calls CQ, Gary WB6YRU at the computer.



Wally KA6YMD and Barbara KD6QEI were either making contacts (here at the phone station) or making dinner for the group!



Packet Pieces

Downloaded from the packet network:

QST DE W1AW ARRL BULLETIN 79
FROM ARRL HEADQUARTERS NEWINGTON CT
JULY 21, 1993
TO ALL RADIO AMATEURS

BUSINESS RULE TO CHANGE

THE FCC HAS AMENDED ITS RULES TO ALLOW AMATEUR OPERATORS MORE FLEXIBILITY TO PROVIDE COMMUNICATIONS FOR PUBLIC SERVICE PROJECTS AND TO "ENHANCE THE VALUE OF THE AMATEUR SERVICE IN SATISFYING PERSONAL COMMUNICATIONS NEEDS."

THE NEW RULES ARE BASED ON A COMMISSION PROPOSAL ANNOUNCED IN A NOTICE OF PROPOSED RULEMAKING IN JULY, 1992, A PROPOSAL RESULTING FROM AN ARRL REQUEST. THE LEAGUE AT THAT TIME SUGGESTED THAT NEW LANGUAGE FOR THE RULES WOULD PERMIT AMATEURS GREATER FLEXIBILITY IN PROVIDING NONCOMMERCIAL COMMUNICATIONS WHILE MAINTAINING THE TRADITIONAL CHARACTER OF AMATEUR RADIO BY CONTINUING TO PROHIBIT ROUTINE BUSINESS COMMUNICATIONS.

THE COMMISSION IN ANNOUNCING THE RULES CHANGE (IN PR DOCKET 92-136) SAID THE NEW RULES WOULD PERMIT AMATEURS TO "FACILITATE EVENTS SUCH AS RACES AND PARADES, TO SUPPORT EDUCATIONAL ACTIVITIES, TO PROVIDE PERSONAL COMMUNICATIONS SUCH AS MAKING APPOINTMENTS AND ORDERING FOOD, TO COLLECT DATA FOR THE NATIONAL WEATHER SERVICE, AND TO PROVIDE ASSISTANCE VOLUNTARILY EVEN WHERE THERE ARE OTHER AUTHORIZED RADIO SERVICES AVAILABLE."

THE FCC STOPPED SHORT OF GRANTING AN ARRL REQUEST FOR FURTHER DEFINITION OF ACCEPTABLE COMMUNICATIONS, PARTICULARLY IN THE DIFFERENCE BETWEEN A REGULAR AND AN IRREGULAR EVENT, SAYING THAT PROVIDING SUCH ANECDOTAL EXAMPLES "WOULD NECESSITATE THAT THE FCC INTRUDE UPON THE DAY-TO-DAY FUNCTIONING OF THE SERVICE TO A FAR GREATER DEGREE THAN DESIRED." THE FCC SAID THAT GENERATING A LIST OF THE THOUSANDS OF POSSIBLE EXAMPLES WOULD UNDULY TAX THE COMMISSION'S STAFF.

THE WORDING OF THE NEW RULES IS NOT YET AVAILABLE AND THUS THE NEW RULES ARE NOT YET IN EFFECT. THE FULL TEXT OF THE FCC'S NPRM IS IN SEPTEMBER 1992 QST, PAGE 62.

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From: N6RQS@KE6LW
To: HUMOR@ALLUS

Subject: 1 Years cost of fishing!

One year's cost for hunting and fishing.

Fishing Boat.	\$ 5,000
Twelve cases of beer.	\$ 60
Littering fine.	\$ 500
Pants ripped while picking up paper along freeway while serving 50 hours community service.	\$ 10
Boating safety ticket for runaway boat on lake. Fell overboard untangling fishing line from around feet!	\$ 450
Repair of motor overheated while runaway on lake.	\$ 475
Emergency room charges for nearly drowning while being dragged two miles with fishing line around feet.	\$ 250
Replacement of dentures dropped in lake while screaming for help.	\$ 900
Emergency room treatments for sunstroke.	\$ 250
Replacement of transmission in car.	\$ 700
Boat towing charge after leaving gas on pier!	\$ 250
Ticket for runaway boat on freeway. Almost hit Winnabego.	\$ 500
Repair of Mac truck damaged while running over boat.	\$ 500
Investment in motorized rubber dingy	\$ 300
Loss on rubber dingy. (Caught prop in dingy!)	\$ 200
Cost of recovering \$100 dollar dingy motor.	\$ 150
Replacement of glasses dropped in lake.	\$ 100
Hospitalization for ulcers.	\$10,000
12 bottles sunscreen.	\$ 120
Emergency treatment of hand shot through with cleaning rod.	\$ 250
Replacement of water heater impaled by cleaning rod.	\$ 500
Cost of "Pain and mental suffering" suit by former fishing partner (caught with new tackle.)	\$10,000
Divorce settlement.	\$89,000
Fees for declaring bankruptcy.	\$ 650
Total Cost	\$110,275

The moral of the story is: The fishing is much cheaper at Safeway! And You thought fishing was relaxing!

Hope You liked it!

73 DE N6RQS@KE6LW.#NOCAL.CA.USA.NA

=====

Keep smiling! :) 73, Gary WB6YRU

New Members

SCCARA would like to welcome these new amateurs to the club:



Rob, KD6VYW



Johnny, KD6RWE



Edward Powell

and last but not least, Alan Miller.

We will publish your photo in the SCCARA-GRAM! Just ask Bob KB6OHO, our photographer, at any meeting.

If you have any questions, ideas, or comments about SCCARA or any activities, please don't keep it a secret! There is a list of club "higher-ups" on the back of each SCCARA-GRAM.

Welcome one and all!

ARRL PACIFIC DIVISION UPDATE, August 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.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.

More Amateur Radio Related Legislation. On July 13, 1993, H.R. 2623, The Amateur Radio Volunteer Services Act of 1993, was introduced into the House of Representatives of the United States. This is legislation to protect Amateurs from personal financial responsibility for serving as volunteers in certain Amateur Radio Activities. It was assigned to the House Energy and Commerce Committee.

- Keep writing the letters to your Senators and Representative urging support for S.J. Res. 90 and H.J. Res. 199, The Amateur Radio Joint Resolutions. As of June 21, 9 Senators and 41 Representatives are cosponsors.

- The texts of H.R. 707 and S. 335, The Emerging Telecommunications Technologies Act of 1993 have been incorporated in the House and Senate versions of H.R. 2264, the Omnibus Budget Reconciliation Act of 1993. The Senate continues to propose protection for the Amateur Service in this bill.

97.113 Report and Order. On July 15, 1993, the FCC adopted a report and order in PR Docket 92-136 which amends the Amateur Service Rules in order to allow Amateur operators more flexibility to provide communications for public service projects as well as to enhance the value of the Amateur Service in satisfying personal communications needs. The effective date of these changes will be known when the text of the Report and Order is released.

ARRL Board Meeting Highlights.

1. The ARRL will petition FCC to establish a lifetime Amateur operator license.
 2. A new Spectrum Management Committee will replace the VUAC and VRAC.
 3. Affirmed the policy to seek expansion of the 20 meter band from 14.350 to 14.400 MHz.
 4. The ARRL will seek from the FCC regulations to permit semiautomatic digital operation below 30 MHz on frequencies authorized for data emissions, outside the proposed new subbands for automatic operation. Bandwidth for stations in semiautomatic operation would be limited to 500 HZ, and transmissions would be permitted only in response to stations under active operator control. ARRL will develop, through its digital committee, operating guidelines for semiautomatic operation.
 5. The ARRL will seek relief from regulatory restrictions on HF Digital operations to further the Amateur Services ability to contribute to the advancement of the radio art.
 6. James McCauley, AB6EU, was named recipient of the Excellence in Recruiting Award for 1992, and Curtis Nakayama, KH6LE, was named the Field Organization Volunteer of the Year for 1992 for the Pacific Division.
- The minutes of the meeting will be in Sept. 1993 QST.

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 NATIONAL CONVENTION**. August 13-15, 1993 in Huntsville, Alabama.
4. RENO HAMFEST. August 29, 1993. Stead Air Force Base, Reno. For information contact Bob Davis KG7IY, 7845 Tamra Drive, Reno NV 89506, Home 702-677-7877; Day 702-329-2833.
5. ARRL VHF QSO Party Sept. 11-13, 1993
6. ARRL Southwestern Division Convention. September 17-19, 1993. Holiday Inn on the Beach in Ventura CA.
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
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 Hotline 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

Electronic Yard Sale

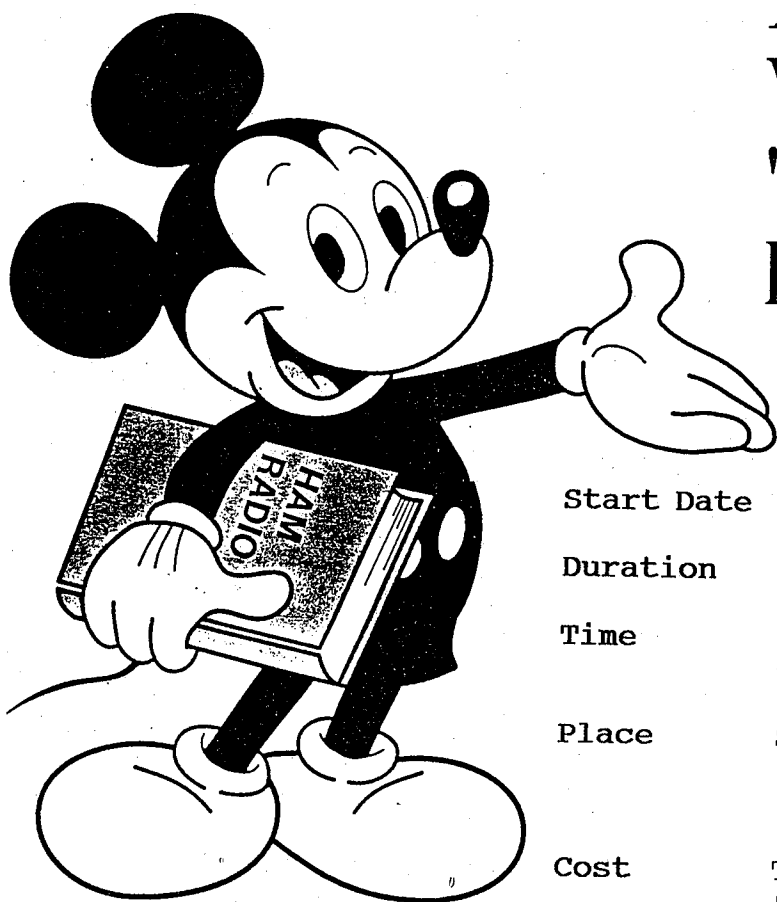
Saturday, August 28th, at 1660 McKay Rd. San Jose

Lots of goodies, including: Collins Rec. 753, Collins transmitter 32, Collins power supply... lots more!

I Hope to see you there, Bob Hall

Amateur Radio Class

**Mickey sez.....
Why not get your
"Ticket" before the
holidays.**



Start Date Thursday 09/02/93

Duration 12 weeks

Time Code Practice (optional) 6:45pm - 7:30pm
Theory 7:30pm - 9:00pm

Place Santa Clara Adult Education Center
1840 Benton Street
Santa Clara, Ca. 95050

Cost The class is free. The book "Now You're Talking" is required. This will be available at class start time for approx. \$20.

Sponsor The Santa Clara County Amateur Radio Assn.

Info If you desire more info, call the SCCARA Hotline at 408 249-6909 or Mike KB6LCJ at 408 243-6745.

I would like to become a HAM! Sign me up!

Name _____ Phone _____

Address
Street _____ City _____ St ____ Zip _____

Mail to: SCCARA
PO Box 6
San Jose, Ca. 95103

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

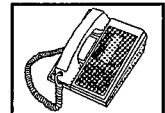
Mondays at 1930, on our 2 meter repeater. Net control: Joe WA6DXP.

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



The SCCARA-GRAM is published monthly by the SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION. Permission to reprint articles is hereby granted, provided the source is properly credited.

**SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION**

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