

SCCARA-GRAM

Santa Clara County Amateur Radio Association

Volume 9, Number 10

October 1993

President's Prose

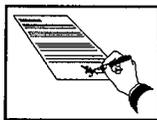
The SCCARA board of directors decided to leave the dues at fifteen dollars per year for 1994. It is my belief that we will be about even financially for 1993 when the end of the year arrives.

The cost of the room from the United Way has more than doubled, but this was partially offset by several month's locker rental that was paid in 1992. Next year we will be charged at the new \$25 per hour rate for the meeting room for the entire year and there will be no help for the locker rentals, which are now paid every month.

If the other expenses remain constant and no new sources of revenue appear, it appears that SCCARA will spend about \$1000 more than it receives next year. This will not be a serious problem, since there are adequate funds in the bank accounts to cover a deficit of this size. If SCCARA does the Ham Show in January and it does as well as the sponsors project, 1994 should result in SCCARA being financially ahead for next year.

W6UW will be entered in both the CW and phone Sweepstakes next month, so come on down and give it a try.

73, Don KC6WMM



Treasurer's Treatise

I would like to thank Ed Rawlinson WD6CHD and Gene Duckett W6LYG for putting in a few hours to give the "SCCARA Books" a look-over and a stamp of good health. I have the 1992 annual report available at the next meeting

Calendar

- 10/11 SCCARA General Meeting
- 10/16-17 J.O.T.A.--at the club station
- 10/22-24 Pacificon '93
- 10/25 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 11/8 SCCARA General Meeting--elections
- 11/22 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)

Next General Meeting

- Day: Monday, October 11, 1993
- Time: 7:30 PM
- Place: United Way Building
- Agenda: Doug WN6U will speak on HF digital communications.

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.

for anyone interested.

I hope to have the 1993 annual report ready for the January 1994 board meeting. That should greatly help with next year's planning.

Since there was no interest shown, I will omit any income or expense data from my report. If you have questions, suggestions or concerns feel free to call or see me at the monthly meeting.

The dues cycle for 1994 will start with the October SCCARA-GRAM mailing. Please fill out the dues form noting new data. That makes my job much easier. I will not give receipts this year except for those paying with cash. Please update the two new entries asking when you joined SCCARA and when you got your original ticket. A ball park figure is ok.

This month I will talk about another "duty" of the Treasurer. I have the "Badge-a-Minute" kit which is used to make our SCCARA badges. The charge is \$3.00. I made 30 badges in 1993 to date for new members etc. The operation is not difficult or time consuming, but should not be part of the treasurer's duties. Anyone out there want to take over the assignment?

73, Mike KB6LCJ, Treasurer

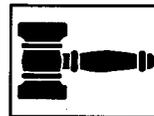
Dinner with a guest speaker. \$3.00 will be the admission price again this year.

HAM SHOWS--Mike Forsyth, N7KQE, is the producer of Ham Shows. The show will be held at the Santa Clara Convention center January 29 and 30, 1994, which is the last weekend in January. His objective for speaking at our meeting was to get volunteers to help run the show. There will be incentives to the volunteers and the clubs that participate. There is scheduled to be a 150 table flea market and 80 commercial exhibitors.

73, Lloyd KD6FJI, Secretary

Moved and Seconded

September Board Meeting



Don K6PBQ obtained a CW filter for our Kenwood transceiver, the cost is \$60. The board voted to purchase the filter.

Stan WA6VJY, Repeater Committee Chairman said our repeater antenna is not yet put up at the city radio vault. The repeater move will not happen until then, (looks like a little red-tape).

The club's Yaesu FT-101E (with optional external VFO) will be sold at the November meeting by sealed bid. This rig has been typically selling for about \$400 on the used market. Minimum bid will be \$300. The rig will again be on display at the October meeting. Anyone who would like to put in a bid, but won't be at the November meeting must get their bid to the Secretary or Treasurer by the November general meeting. Bidders should be prepared to pay at the Nov. meeting. If the highest bidder is not at the Nov. meeting, he/she has one week to make the purchase before it is sold to the next highest bidder.

A motion was made to move the board meeting to the third Monday of the month from

Meeting Minutes

Santa Clara County Amateur Radio Association
General Membership Meeting, Sept. 13, 1993

The evening began at about 6:40 with the spaghetti dinner. It was a very good meal with plenty for everyone plus seconds for those so inclined.

8:14 PM, business portion of meeting called to order by Club President Don, KC6WMM. Self introductions followed as is the custom.

PACIFICON -- Highlights of the upcoming Pacificon were presented by Pete Tormey, of the Mt. Diablo ARC. There will be a balloon launch, 38 commercial exhibitors an ARRL Forum, at least two T-Hunts. There will be the Saturday Night

the fourth Monday. This would allow some key people more time to prepare SCCARA-GRAM articles from information presented at the board meeting. The motion was defeated 3 to 2 and 1 abstention.

Mike Forsyth of HamShows made a presentation at the September general meeting offering us the chance to help out with volunteers. 50 volunteers means the club would get \$1 from each ticket. If we split the effort with another local club (25 people from each club) we would get \$0.50 from each ticket. Also, the volunteers would get a one out of ten chance to win a two meter hand-held. The board decided to go ahead with this if the membership approves at the October meeting.

The board considered recommending we raise the dues to perhaps \$20--mostly because of the high cost of meeting at the United Way (currently almost \$5 per member per year). However, after considering the amount the club made when sponsoring the Foothill flea market last May, the board voted to recommend we maintain the dues at \$15 per year. The membership will be asked to ratify this at the October meeting.

Repeater Report

Well, it's been a while since my last column.

This summer has been a busy time for me. In case you have paid for autopatch use, but have not yet received any information, I have to apologize. I have not put as much effort into keeping my records straight as I should have. Contact Mike KB6LCJ or me to make arrangements for "credit" for next year. Thanks for your patience!

Briefly, there isn't much to report on the upcoming change of location of our repeaters. The city radio tech's have been working on interconnecting our ACC RC-96 controller with a Motorola MSF-5000 UHF repeater (which was

designated by the City of San Jose for use as a RACES repeater). This is NOT an easy task since the inputs and outputs of the controller are practically all analog and the repeater is almost completely digital in nature.

Trish WA6UBE reports that she has been working on getting the powers-that-be in the City to install our antennas prior to the start of the rainy season. So far, no luck. Keep trying, Trish!

Elsewhere in this issue of the SCCARA-GRAM you will find a copy of the membership renewal form. We do appreciate your membership and will continue to keep your repeater system as trouble-free as possible. It's not too early to renew your membership, order a badge, or reserve your place at the club Holiday Dinner Party.

See you on the air and at the next meeting!

73, Stan WA6VJY

Flea Market

Well folks, that's it for another year! The next scheduled Foothill flea market will be March 1994. Surprisingly, our locker is currently about 75% full and a few people are NOW talking about donating stuff...go figure!

Unfortunately, this wasn't the most robust flea market from the seller's perspective. We sold less than 50% of what we had. Despite sluggish sales and not much stuff of "real value," we made \$188.95.

The total for the year is \$1333.20 (net). The locker costs \$540 per year. This leaves \$793.20 for the repeater fund...not bad, but could be better.

Thanks go to Ed KD6ZJI who helped transport and sell the whole day. Also, Don K6PBQ stopped by and helped sell for a while.

I was surprised to see Doug WN6U set up right next to us with his own stuff--dark and early (that's before bright and early). He mentioned showing up the previous month at 6:30 AM and

getting turned away because the lot was full. More people have found that the best spots go to the early birds--not to mention those eager "flashlight" buyers. This means the whole thing has been starting all the earlier these past few times. If this trend keeps up, I predict by 1996 we'll have to get there by sunset the previous day just to find a spot! Maybe we will have to start calling it "the midnight flea market." :)

73, Gary WB6YRU

A Class Act

Our class is cooking right along. Week five is coming up this Thursday (09/30) and looks like we are holding strong with 25 students. The code portion of the class is also doing well with a dozen students. If you would like to join in or just come to visit, you are cordially invited.

73, Mike KB6LCJ

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 16th-18th. Our club station at the Red Cross will be operating JOTA on Saturday Oct. 16th and Sunday Oct. 17th. 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

Packet Pieces

Downloaded from the packet network:

=====

Date: 4 Sep 93 13:03
From: KC6WGD@W6JBT
To: HUMOR@ALLUS
Subject: Cough, gasp, HAW, HAW, choke!

Hi folks! Here's a gem that took me several minutes to recover from:

Politicians are like diapers. They should both be changed often...and for the same reason.

Tom Blair of the San Diego Union-Tribune, as quoted in Reader's Digest

73 de Tim Stephenson
KC6WGD @ W6JBT.#SOCA.CA.USA.NA

=====

Date: 11 Sep 93 22:33
From: WW6B@KM6PX
To: HUMOR@ALLUS
Subject: PC Chuckle

QUESTION: What do you get when you cross Lee Iacocca with Count Dracula?

ANSWER: Autoexec.bat

73 de Alan <grinning ear to ear>

>> COBOL can be cured with early detection! <<

PACKET: WW6B @ KM6PX.#NOCAL.CA.USA.NA

Aloha de KH6/K6PBQ

Joan and I spent 4 nights of our Hawaiian vacation at Jim Reid's KH6/W6KPI on the Island of Kauai. Jim runs a bed and breakfast from his home in Koloa, Kauai, Hawaii. You have the use of his station while your there. His station consists of a Kenwood TS950SDX, Alpha 87A amplifier and a Mosley TA34XL-WARC beam. We had a great time there and made a schedule with Stan WA6VJY, Kathy KB6ICQ, and Marilyn KD6CXS from our square Dance Club.

Aloha & 73, Don & Joan Village, K6PBQ

INTERNET: aChristian@km6px.Arasmith.Com

=====
Date: 13 Sep 93 23:52
From: KF4OJ@KF4OJ
To: HAPPY@ALLUS
Subject: FROM THE HAPPY CLUB
=====

The armed forces are a gold mine of aviation anecdotes. Have you heard this one?

A F-4 fighter was flying escort with a B-52 and generally making a nuisance of himself by flying rolls around the lumbering old bomber. The message for the B-52 crew was: "Anything you can do, I can do better."

Not to be out-done, the bomber pilot announced that he would rise to the challenge. The B-52 continued its flight, straight and level.

Perplexed, the fighter pilot asked: "So? What did you do?"

The B-52 pilot answered: "We just shut down two engines."

From the Happy Club, 73+ de Juan,
KF4OJ @ KF4OJ.#ARCFL.FL.USA.NA

=====

Keep smiling! :) 73, Gary WB6YRU

Station Status

If you would like to get a little experience operating our club station at the San Jose Red Cross, here are a few opportunities. The Boy Scouts "Jamboree On The Air" will be the weekend of October 16-17. We have participated in the past and plan on doing so again. See Don K6PBQ at the October meeting for details or if you would like to volunteer to help introduce Amateur Radio to some young Boy Scouts.

The 60th annual ARRL SweepStakes is coming up in November. The CW half is the weekend of November 6, with the SSB half the weekend of November 20. If you would like to operate either or both of these events, the station

is available for you. Check with Doug WN6U for more details.

Other contests and special events are listed in the pages of QST every month. If you would like to use the club station for any of these, let me know. Arrangements can be made to get you checked out on operating our station if you haven't already done so. Contact either Wally KA6YMD or me (WA6VJY) for more details.

Straight Key Night is coming up at the end of the year, so dig out those old keys and brush up! This is one event I try to participate in every year. All for now. See you on the air and dit-dit.

Stan, WA6VJY

Special Service Club

This is what I sent to Steve Wilson, the ARRL S.M. regarding our special service status:

September 17, 1993

Steve Wilson, KA6S
ARRL SCV Section Manager
813 Berryessa St.
Milpitas, CA 95035

Dear Steve:

I am enclosing our Special Service Club renewal. We have been active in several areas this year, especially in the advancement of knowledge of radio.

We offered a course for new hams this spring which yielded 11 new Technicians including four with HF privileges and are in the process of training 28 new hams this fall.

George, WA6O is our public relations person and he serves the section in a similar capacity.

SCCARA has upgraded our 2 meter repeater with battery backup this year and is in the process of installing the 70 cm repeater in the

county communications building where it will use emergency power and have direct access to county facilities and personnel. Our HF station now has two separate operating positions and a third backup transceiver. It is located at the San Jose Red Cross which has emergency power. Several SCCARA members helped SVECS (the San Jose area emergency communications group) raise over \$2000 at the electronic flea market in August.

This year SCCARA presented programs on rapidly growing areas such as new types of batteries, spread spectrum communications, log periodic antennas as well as new ideas such as putting a nuclear powered repeater on the moon. I believe our tendency to include new technical areas of ham radio as well as rapidly growing areas will continue to be an important part of SCCARA programs in the future.

In 1993 SCCARA will be entering W6UW, the club station in both the phone and CW sweepstakes contests, with particular emphasis on newer operators. We continue to enter Field Day and had about 40 participants this year, as well as having our best total score for several years.

The most notable activity of SCCARA is the tradition of participation in ARRL governance. Rod, KB6ZV, continues as ARRL First Vice President and Brad, K6WR, the Pacific Division Vice Director is a candidate for Director. SCCARA participates in Scouting's Jamboree on the Air and gives many Scouts the chance to communicate using Ham Radio. The state of most local public libraries Ham Radio collections leaves a lot to be desired. To help reduce this problem, this year we made donations of the ARRL library sets to two local public libraries.

Sincerely,
Don Hayden, KC6WMM
President, SCCARA

December meeting

SCCARA will again have its December Christmas dinner meeting at Renzo's restaurant, 1700 W. Campbell Ave. in Campbell. The food is

good and the price is right! We've had our December dinner meeting at Renzo's in recent years and it has always been very good.

The dinner includes a tossed green salad, tortellini supreme, potatoes, fresh vegetables, choice of beef brochette or chicken saute sec, strawberry-cream roulade, and coffee.

The full price per person is only \$15, the club pays the tax and tip. Please be sure to fill out the membership form--especially indicating which dinner you want (beef or chicken), and *please* get it to us before Dec. 1, so we can make accurate reservations.

This meeting will NOT be held on the usual Monday night. The day will be Friday, December 17th, with Cocktails at 6:30 PM and dinner at 7:30 PM.

Pretty much everything will be the same as last time. There's no strict dress code, but you might want dress nicely for this one (i.e. suit & tie). I hope to see you all there!

73, Gary WB6YRU

Elections

The time is coming up soon for the SCCARA elections. All officer posts are up for re-election and a few director positions (directors serve for two years, with roughly half expiring in alternate years).

Nominations will occur at the October meeting. Elections and last minute nominations will take place at the November meeting.

Doug WN6U plans to run for president. Since he is just finishing his first year as director, the person elected to fill that director post (assuming Doug wins) will serve the remainder of that term (one year).

If you are interested in running, please contact the nominating committee chairman Bob KB6OHO or Ed WD6CHD as soon as possible.

73, Gary WB6YRU

ARRL PACIFIC DIVISION UPDATE, October, 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 **PACIFICON '93 OCT. 22-24 IN CONCORD.**

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 hotline, 408-984-8353 for exam information.

AMATEUR RADIO SERVICE JOINT RESOLUTIONS. Staff members of many Senators and Representatives have told Perry Williams that their bosses will NOT endorse any resolutions unless they hear from you, their constituents. Their reasoning is that "commemorative" legislation is getting out of hand. This resolution is more meaningful than most commemorative legislation, but because it bears the Joint Resolution label it gets included with bills that seek "National Pickle Week" and the like. Messages from home will make the difference. Please write your Senators and Congressperson and urge support and cosponsorship. For Senators you may send to the Hon. _____, U.S. Senate Office Building, Washington DC 20510; and for Representatives, to the Hon. _____, House Office Building, Washington DC 20515. Please send copies to Perry Williams, W1UED, at ARRL Headquarters.

H.R. 2623 THE AMATEUR RADIO VOLUNTEER SERVICE ACT OF 1993.

The bill would amend the Communications Act so that no licensee who provides volunteer services specified in Section 4 (F) (4) of the Act (47 U.S.C. 4 (F) (4)) for the FCC shall incur personal financial responsibility for any alleged damage, loss, or injury. To be protected under H.R. 2623 the volunteer must, of course, be acting in good faith and within the scope of his individual duties in volunteer examining or volunteer monitoring. Please write your congressperson (copy to Perry Williams of course) and urge the support and cosponsorship of the bill. You may use the address given in the first item.

TRANSCIEVER BAN LAWS PREEMPTED. 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 on certain frequencies other than Amateur bands. 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. Notice that this refers specifically to transceivers, it does NOT mention scanner receivers.

NEW DISTANCE ON 902 MHZ. On August 23, 1993, at 0136 UTC KH6HME and N6CA set a new 902 MHz terrestrial distance record of 2469 miles, between California and Hawaii. The pair spend the next 4 hours trying to connect on 2304 MHz, but they were not successful. They used 144 MHz for liaison. Way to go guys. N6CA and KH6HME hold several terrestrial distance records on VHF/UHF/SHF bands.

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. 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).
4. Scout Jamboree-on-the-air October 16-18, 1993
5. 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.
6. CQ Worldwide SSB Contest Oct. 30-31, 1993
7. ARRL November Sweepstakes CW Nov. 6-8, 1993
8. ARRL November Sweepstakes Phone Nov. 20-22, 1993
9. ARRL 160 Meter Contest December 3-5, 1993
10. ARRL 10 Meter Contest December 11-12, 1993

Newsletter Notes

Once again I'd like to encourage you to consider submitting articles for the SCCARA-GRAM. Your only alternative is to have very few of us (including your's truly) babble on! :)

Would someone like volunteer to produce a few articles for the new hams/members? It doesn't have to be a major production--just a few do's and don'ts. Perhaps a few lessons you picked up when getting started yourself. I know some SCCARA members are very experienced. Most of you know quite a lot about at least one or two segments of amateur radio. Please share your knowledge and experience.

Are you involved in some aspect of amateur radio where you keep noticing the same problems? For example: if you are in to DX packet, do you notice people making "common" mistakes? Or perhaps you might like to introduce amateurs to whatever modes or techniques you like. Maybe you'd like to get the word out that certain frequencies are best to try making new contacts using certain modes. Whatever the topic--here's your chance to make a difference! Write up something for the SCCARA-GRAM.

Articles should be in my hands no later than the last Monday of the month for publication in the following month's SCCARA-GRAM. You can also give me articles via packet: my home BBS is N0ARY.

73, Gary WB6YRU, editor, etc. etc.

S.C.C.A.R.A. Membership Form for 1994

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

Address: _____ Licensed since (yr): _____

City: _____ State: _____ Zip: _____ Phone: _____

I've been a SCCARA member since (year/new): _____ A.R.R.L. Member: Y N

For family memberships, please list other name(s) and call(s):

Annual dues are \$15, \$20 for family (hams at same address) or \$5 for students (under 18): _____

Send the SCCARA-GRAM by first class mail (additional \$3.50): _____

Please send the Auto Dial repeater codes (no extra charge): _____ (check): _____

Please send the Auto Patch repeater codes (telephone access, \$10, \$15 for family): _____

YOU MUST INCLUDE A COPY OF YOUR LICENSE TO RECEIVE ANY REPEATER CODES.

I want _____ SCCARA badge(s) at \$3 each: _____

Please print: Badge name or nickname: _____ Call: _____

Badge name or nickname: _____ Call: _____

Dinner reservations:

For the Holiday dinner meeting in December, sign me up for _____ dinner(s) at \$15 each: _____

_____ Beef Brochette dinner(s)

_____ Chicken Saute Sec dinner(s)

FOR THE DINNER MEETING, WE MUST RECEIVE THIS FORM WITH YOUR DINNER CHOICE(S) BY DEC. 1, 1993.

GRAND TOTAL: _____

The annual dues for the 1994 calendar year become due and payable Jan. 1, 1994. Please help make life a little easier for our treasurer by paying your dues before then. If you wish to attend the dinner meeting in December, we MUST have this form with your payment by Dec. 1, 1993 to make reservations.

Please give this filled out form (or a copy) and your payment to the treasurer or mail to:

SCCARA Treasurer
P.O.Box 6
San Jose, CA 95103-0006

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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