

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 13, Number 10

October 1997



New Location

The October meeting will be held at Hewlett-Packard in Cupertino, Monday, October 13, at 7:30 PM in the Oak Room of building #48. (On Prune Ridge Ave. just east of Wolfe, see map.)

If you like what you see and want to have future meetings there, we can--at no cost! to SCCARA.

There will be signs posted once you leave the freeway. Any questions? Call me at 293-3847.

Barbara, KD6QEI

Silent Key

Bob Keller, KB6OHO, passed away quietly at home on September 13, 1997; he was 67. Services were held on Wednesday, September 17, 1997.

Bob taught chemistry at the College of San Mateo for well over thirty years. His hobbies included amateur radio, amateur astronomy, classical music, art, bird watching, gardening, but it seems to me photography was his favorite.

Most of us knew Bob as the club photographer. He was also the photographer for other clubs. Before his close call with that heart attack, he was a fixture at club events and meetings, recording it all on film. We owe him a lot for the many good photos that spiced up the *SCCARA-GRAM* over the years. Even before the heart attack, cancer was working away on him and it finally won out.

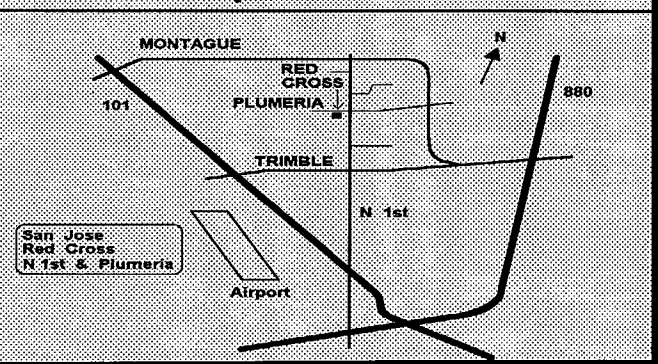
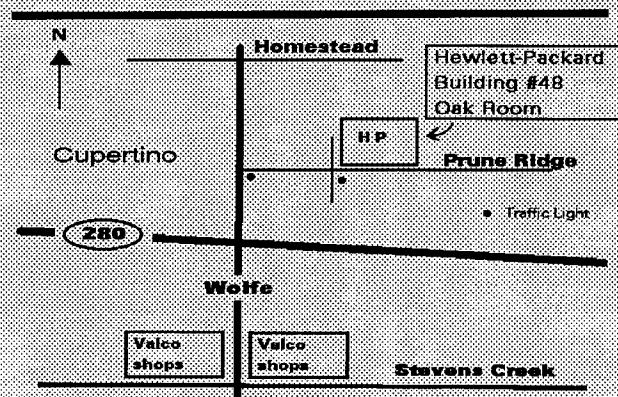
Bob was also a fellow member of the San Jose Astronomical Association (SJAA). I've been on many star parties where Bob was there--with cameras--engaged in astrophotography. I'll never forget the time I joined up with Bob at Grant Ranch (Hall's Valley, foothills of Mt. Hamilton) the evening of one of the best meteor showers in recent memory. We photographed the meteors from a camp

Calendar

- 10/11 Foothill Flea Market
- 10/13 SCCARA General Meeting--new location!
- 10/17-19 Pacificon '97
- 10/20 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)

Next General Meeting:

- Day: Monday, October 13, 1997
- Time: 7:30 PM
- Place: Hewlett-Packard's Oak Rm, Bld #48
- Agenda: NOAH weather people (tentative)



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.

SCCARA was formed as a general interest amateur radio club in 1921 and became a non-profit corporation in 1947. SCCARA is an affiliate of the American Radio Relay League (ARRL).

The club station, W6UW, is currently out of service.

The deadline for SCCARA-GRAM articles is one week before the last Monday of the month.

OFFICERS and DIRECTORS

President	Jack Ruckman, AC6FU	379-4846
Vice President	Barbara Britten, KD6QEI	293-3847
Secretary	Dan Dietz, WM6M	458-3460
Treasurer	Lloyd DeVaughns, KD6FJI	225-6769
Station Trustee	Stan Getsla, WA6VJY	275-0735
Director	Clark Murphy, KE6KXO	262-9334
Director	Don Apte, KK6MX	629-0725
Director	Don Village, K6PBQ	263-2789
Director	Lou Steirer, WA6QYS	241-7999
Director	Wally Britten, KA6YMD	293-3847

STAFF

Editor	Gary Mitchell, WB6YRU	265-2336
Facilities	Don Village, K6PBQ	263-2789

COMMITTEES

Repeater	Wally Britten, KA6YMD	293-3847
Youth Group	George Brady, AB6OZ	729-9012

SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

2 meter:	146.385 +	PL 114.8 (none for basic use)
70 cm:	442.425 +	PL 107.2

Phone patch capability is available (auto-dial and auto-patch). 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

On our two meter repeater: Mondays at 7:30 PM, (not the second monday--it's our meeting night). Net control: Joe WA6DXP.

On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally KA6YMD.

Visitors welcome to join in on the SCCARA nets.

IMPORTANT TELEPHONE NUMBERS

SCCARA HOTLINE:	249-6909
ARRL LICENSE (VEC) HOTLINE:	984-8353

site and marveled at the night-long caravan of cars going up and down the mountain to/from Lick Observatory. The meteor shower had been well publicized (Lick was mentioned as having very limited parking). There was a constant stream of cars all night long on that winding mountain road--normally all but deserted. It was a surreal sight and we were almost as amazed by that as with the meteors.

I'll also remember that very hot Field Day weekend up at Mt. Madonna a couple of years ago. Bob went around with a thermometer (between photo shots) showing everyone *precisely* how hot it was, (105 as I recall).

So long to our good friend KB6OHO. Thanks for the memories and the good times, Bob; you will be sorely missed.

73, Gary, WB6YRU

Meeting Minutes

General Meeting, Sept 8, 1997



Lasagna dinner meeting.

The planned square dance demonstration was canceled because the dancers didn't show up. Visitor Steve Davis, ZL2UCX of Christ Church New Zealand talked about his amateur radio activities in New Zealand.

We will probably meet at the Hewlett-Packard location October or November to see how we like it. The price is certainly right (free).

Board Meeting, Sept. 15, 1997



Meeting was called to order by president Jack, AC6FU at 7:40 PM. Attending were Jack, AC6FU; Barbara, KE6QEI; Dan, WM6M; Lou, WA6QYS; Clark, KE6KXO; Don, KK6MX; and Lloyd, KE6FJI.

Barbara, KE6QEI read a letter she had written to the FCC in regard to HR2369. This is related to the possible ban on scanner use and was addressed to Representative Billy Towson of Louisiana. It was suggested that rather than send the letter as a letter of club position, it should be sent as a personal letter expressing her opinion and position on the matter. Jack, AC6FU will author a letter to the FCC regarding our club position on HR9150.

The minutes of the August general and board meetings were approved as printed in the newsletter.

Barbara announced that SCCARA's October and November general meetings will be held on a trial basis at the Hewlett-Packard Oak Room in bldg. #48 at Wolfe and Pruneridge. These two meetings will tell us if the membership feels comfortable at the new site and if it is acceptable to move our regular meeting site to this new location. This location is available to SCCARA for no fee. A motion was made, seconded and passed to use the Oak Room for the October and November meetings.

Jack announced that the Downtown Marathon was set for Sunday, September 21. Volunteers are needed to man radio positions along the course. It was noted that the marathon is somewhat in conflict with the SCCARA picnic to be held starting later that same morning in Santa Clara.

Wally, KA6YMD reported no new activity related to repeater operations. He now has some copies of the repeater codes.

There was a discussion on how maintaining two separate bank accounts. One is our general fund and the other is the repeater fund. Clark made a motion to change to only one account, which brought additional discussion. The motion was withdrawn. Don, KK6MX made a motion to combine two checking accounts into one and two savings accounts into one. The motion was passed.

Additional discussion ensued to the issue of providing a pre-approved amount available for use of the Repeater Committee for repair, upgrades, etc as needed especially on an emergency basis to keep the repeaters functional in case of failure. It was decided that a \$500 reimbursement limit or a check up to \$500 would be an appropriate per incident. Motion was made by Clark, seconded and passed. It is understood that the initiation of a request for funds or the use of the \$500 limited funds is at the direction and discretion of the Repeater Committee chairman only.

Don, KK6MX made a motion to provide an allocation of \$50.00 a month for maintenance of the repeater. It was decided that the repeater has historically been a low maintenance operation and would likely continue to be. The motion was not passed.

Youth Group: No reported activity.

Field Day Report: Dan, WM6M reported that the scored results should be forthcoming soon in QST.

Picnic: Lou, WA6QYS reported that he needs to know approximately how many members and guests will be attending the upcoming picnic so he can plan and purchase the appropriate supplies and food. It is felt that 30 people will likely attend.

Jack has invited The West Valley Amateur Radio

Club to use our radio room at the Red Cross building as they have no club station available. It is also hoped that we activate this station to demonstrate our need and operating activity at this station to the Red Cross. We need to activate the station and perhaps participate in monthly contest or other on-the-air activity from the Red Cross. Jack urges club members to become involved with operating this station.

Barbara reported on the September meeting. A full report is to be included in this newsletter.

There being no other business before the board, meeting was adjourned at 9:00 PM.

Addendum

We learned after the meeting that long-time member Bob Keller, KB6OHO had passed away. Bob served graciously and capably as SCCARA's photographer for several years. His photos brightened our newsletter for years and his presence at club functions gave us pleasure and confidence that he would photographically document those activities for future generations of SCCARA members. Bob was a gentleman, a teacher, and a true professional and friend that will be missed by all.

Dan, WM6M; SCCARA Secretary

September Meeting

The September meeting was full of surprises. We had a good time anyway...Let me explain.

First, I had not planned to be as involved in the coordination of the dinner as I was. Things would not have been as good as they were if it wasn't for Gwen and Lou Steirer. Gwen did the shopping for the dinner. I want her to know how thankful & grateful I am to her for her efforts. She and Jack's wife Margaret helped to serve the meal, then brought to the meeting. Gwen delivered the lasagna to the volunteers who cooked them before the meal. I did not say thank you at the meeting, so I want to do it now.

My plans for entertainment fell through. The square dance caller, Ben Newton showed up, but the square dancers did not. Maybe at a later date we can have a demo.

We did have a surprise speaker. He was Steve Davis, ZL2UCX of Christ Church, New Zealand. He has been a HAM radio operator for about 18 years. Back home he is a busy guy. He is President of the Christ Church Amateur Radio Club, Deputy section Leader of Christ Church, Secretary of Christ Church AREC (Amateur Radio Emergency Communications), National Counselor of the New Zealand Assoc. of Radio Transmitters, and Web-master for his area. He came to Sunnyvale for a conference with Trimble Navigation, where he works as Network Systems Manager. Steve arrived Saturday PM. Wally and I took Steve out to dinner Sunday night to get acquainted. Then

Wally picked him up Monday to come to the dinner. Steve was gracious enough to be a speaker when I asked. He talked about what he does back in New Zealand. At the end of his talk, Steve was presented with a "you know you're a ham" T-shirt. He returned home the following Sunday. When we took him out to dinner, we gave him a list of the local people connected with RACES/ARES, Red Cross, SVECS, etc. so he could make his own schedule. I did not talk with him again before he left the following Sunday. I hope his week here was productive and enjoyable.

The rest of the meeting, we talked about the possibility of getting a new meeting place at a lower cost to SCCARA. I have contacted Mike Mylaer, Safety Officer for Hewlett-Packard (Cupertino) where the Oak room is located. He has not gotten back to me as of Monday, 9/15. If we cannot get into the Oak room for October, we will be there for November. As soon as I know something I will let the group know via the Monday night net.

We had no secretary for the Monday night's meeting as Dan Dietz had gone to San Joaquin County for the funeral of his step mother. The club sends its condolences to Dan.

We had no raffle because the raffle prizes got left at home. So the prizes will be at the next meeting. Thanks again to Jack's wife for bringing some more prizes to add to our raffle.

Thank you to all who came to eat the lasagna. I trust all people enjoyed the meal. There was plenty of food. If anyone went away hungry, it was their own fault. There were left overs that got purchased by members to take home.

All in all, it was a good night. We ate well and socialized with good friends. Thank you all for coming.

Barbara, KD6QEI

Right to Receive?

Privacy bill could affect scanner certification

A bill introduced by Rep Edward Markey of Massachusetts that's intended to add privacy protection for consumers using the nation's communication networks has caught the attention of scanner enthusiasts and some amateurs.

One clause in the bill--HR 1964, the Communications Privacy and Consumer Empowerment Act--would expand electronic privacy provisions in the Communications Act from the cellular telephone service to all Commercial Mobile Radio Services (CMRS). It would do this by prohibiting FCC certification of devices capable of receiving these frequencies. The CMRS is a relative new umbrella designation of subscriber based radio services that act like telephone services. Such services include commercial paging services, commercial air-to-ground services, cellular telephone, offshore radiotelephone, personal communication services

and specialized mobile radio services. The bill includes digital transmissions in those services.

While the apparent purpose of the change is to ensure the privacy of "telephone" conversations, scanner enthusiasts fear that a worst-case outcome could be to inhibit, if not block completely, the further certification of scanning radios. This could include ham transceivers with out-of-band receiving capability. Such radios must receive FCC certification to be sold legally. Designing cost-effective devices to filter the proscribed frequencies could prove difficult for manufacturers.

This week, the ARRL with met with Congressman Markey's staff in Washington to express Amateur Radio concerns about HR 1964. We presented information demonstrating what frequencies would be affected and the impact the bill could have on Amateur Radio public service activities.

"We learned several things," said Steve Mansfield, the League's Legislative and Public Affairs Manager. "First, our suspicions were confirmed that, as a Democratic bill referred to the Republican controlled Commerce Committee, the bill has very little chance of passage in its present form."

Mansfield said the League contingent also found out that members of Congress do pay attention. "We explained that, in addressing privacy concerns, the bill casts too wide a net and could hurt Amateur Radio interests," he said. "Rep Markey's staff listened attentively to our concerns and invited us to help them craft language to address the problems we outlined, which we are doing." Since provisions within the bill could still be picked up and put in other bills in this or subsequent sessions of Congress, we felt the bill still required changes.

According to Colin Crowell, Markey's Legislative Assistant for telecommunication issues, the provision in question was intended to provide some privacy protection for fee-based "telephone" type services (especially the new PCS service) between now and the time that providers are able to develop robust digital and encryption technologies to ensure privacy.

--Steve Mansfield, N1MZA

From The ARRL Letter, July 25, 1997

RF Safety

FCC revises RF safety "threshold" levels

The FCC has revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation, and the changes will be welcome news for most hams. When the FCC first decreed a year ago that ham radio stations would

have to comply with RF exposure guidelines, it set a 50 W threshold level. The updated guidelines, announced August 25, increase that threshold level on all HF bands except 10 meters, where it remains at 50 W. The FCC made no changes in the RF exposure limits it announced last year.

The new RF safety guidelines are scheduled to become effective January 1, 1998, for Amateur Radio stations.

The FCC went along in part with a request by the ARRL to establish a sliding scale for threshold levels, depending upon frequency. The revised thresholds are 500 W for 160 through 40 meters, 425 W on 30 meters (where the maximum legal power is 200 W), 225 W on 20 meters, 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and above. Stations operating at or below these respective power levels are categorically excluded from having to perform a routine RF radiation evaluation. However, all stations, regardless of power level, still must comply with the RF exposure limits.

Along with its August 25 Second Memorandum Opinion and Order announcing the changes, the FCC released the "core" text of its long-awaited Office of Engineering and Technology (OET) Bulletin 65, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields. The bulletin contains generic equations that can be used to analyze fields due to almost all antennas, although the FCC warns that "the resulting estimates for power density may be overly conservative in some cases." Hams leery of formulas might opt to wait for the easier-to-use Supplement B to OET Bulletin 65, which will include information designed specifically for evaluating Amateur Radio installations. The supplement promises to detail how hams can determine more simply if their individual stations comply with the new regulations. The FCC says the supplement will contain "information on projected minimum exclusion distances from typical amateur antenna installations."

The FCC said it would issue Supplement B "as soon as a review of the current draft is complete." When it's ready, Supplement B will be available to download from the FCC's Web site, <http://www.fcc.gov/oet/rfsafety>. The FCC directed inquiries as to the availability of the supplement and other RF-related questions to its RF Safety Program, 202-418-2464; e-mail rfsafety@fcc.gov.

Last year, the FCC established time-averaged maximum permissible exposure (MPE) limits for RF fields in two tiers--for controlled environments (ie, a ham's immediate household, including visitors) and uncontrolled environments (ie, neighbors, the general public). If a routine evaluation of a ham station indicates that human exposure to RF fields could be in excess of the FCC's MPE limits, the licensee must act to correct the problem and ensure compliance. This

could include changing operating patterns, relocating antennas, restricting access, changing frequency, output power or emission type or any combination of these and other remedies.

The FCC says that ham radio facilities "represent a special case for determining exposure, since there are many possible antenna types that could be designed and used for amateur stations."

The revised regulations categorically exclude most mobile installations, including those in the Amateur Radio Service, from having to comply with the RF-exposure or station evaluation guidelines. Since the FCC issued its guidelines, additional questions on RF safety have been added to the Amateur Radio examination question pool.

OET Bulletin 65 and the FCC Second Memorandum Opinion and Order are available at <http://www.fcc.gov/oet/dockets/et93-62/>. More details on the FCC's latest announcement on RF safety will appear in the October issue of QST.

From The ARRL Letter, August 29, 1997

Annual Meeting

Our annual christmas dinner meeting will be held on Friday Dec. 12 at the Hungry Hunter in Milpitas, Calaveras Blvd, near Hwy 680 (old yellow house location). Dinner is at 8 PM and cocktails at 7:30 PM. Don't arrive before 7:30 as we don't get the banquet room until 8 PM.

Reservations need to be in by Friday Dec. 5, (see inside of back cover for the sign up sheet). Talk in will be on our repeater, W6UU 146.385 (+). Why not renew your membership at the same time (back cover). I'm looking forward to seeing all of you there.

73 Don K6PBQ

W6ZM Estate Sale

1. Yaesu FT-1000D HF XCVR with all filters 2750
2. ICOM IC-751A HF XCVR w/ cw filters 795
3. ASTRON RS20A power supply new 90
4. ICOM R-71A Receiver w/extra filters 495
5. EF Johnson antenna tuner parts ~~125~~ 75
6. Set of 1994 Callbooks 10
7. Weller 8100 soldering gun 25
8. Ungar Soldering pencil 8
9. ICOM IC-228A 2 meter mobile XCVR ~~225~~ 200
10. ICOM IC-2400A dual band mobile XCVR ~~395~~ 325

Packet Pieces

Downloaded from the packet network:

=====
Date: 11 Aug 97 01:47

To: HUMOUR@USA

Subject: BUMPER STICKERS LIST #3

Hello all. Here is the third list of bumper stickers that I compiled from all the great ones everyone has sent me. If you missed the first two lists, let me know and I will send them to you.

BUMPER STICKERS LIST #3

DIVERS DO IT DEEPER

IT TAKES ME ALL NIGHT LONG TO DO WHAT I USED TO DO ALL NIGHT LONG!

I'M NOT LOST, I'M JUST UNSURE OF OUR POSITION

IT'S NOT MY PLANET, MONKEYBOY

IT'S NOT PRETTY BEING EASY!

IT'S STILL NOT WEIRD ENOUGH FOR ME!

IT'S SUNNING CATS AND DOGS

IT'S WISE TO KNOW ENOUGH TO NOT KNOW TOO MUCH

It says, "INSERT DISK #3" ...BUT 2 DISKS WILL BARELY FIT!

SMILE--YOU'RE ON RADAR

CHANGE IS INEVITABLE, EXCEPT FROM VENDING MACHINES

SMILE...IT'S THE SECOND BEST THING YOU CAN DO WITH YOUR LIPS

WINK...I'LL DO THE REST

I TOOK AN IQ TEST AND THE RESULTS WERE NEGATIVE

WHEN THERE'S A WILL, I WANT TO BE IN IT

OK, WHO STOPPED THE PAYMENT ON MY REALITY CHECK?

12. Henry Radio 2K Ultra HF amplifier	1125
13. Alinco EP-3030 Power supply	25
14. Heil Sound speakers (3)	30 15 ea
15. Drake W4 wattmeter	25
17. ICOM IC-3AT 220 HT w/BC-30 charger	200
18. ICOM IC-micro2AT 2 meter HT	175 150
19. Heil Microphone equalizer EQ-200P new	40
20. Yaesu FNB-4A Battery Pack new	35
21. Yaesu FT-709R 440 HT new	250 200
22. Kenwood PS-6 power supply 13.8 V, 3.5 A	35
24. Actronic iambic paddle	30
26. MFJ DXer's World Map Clock	15
27. Eimac 8873 vacuum tube (low emission)	50 30
28. B & W 550A coax switch (2)	20 ea
29. B & W 592 coax switch	15
30. Handy Power System I-6001	50
31. Astatic D-104 microphone (fair, no cord)	35
34. ICOM ICP-2AT 2 meter HT	185
37. Swan WM300 wattmeter 3.5-30 MHz	20
38. RG 213/U coax about 50 ft (2)	12 ea
39. Vacuum capacitors call Don K6PBQ 263-2789	
40. More Vacuum capacitors "	
41. Vacuum relays "	
42. Ham-M rotator	165 150
43. AEA Isoloop antenna	175 165
44. Drake low pass filter	30
45. 3 foot tripod	10

Contact Delphie Stevens 377-6722. Items not described otherwise are very good to mint condition. Call Don K6PBQ at 263-2789 or Don at 867-4643 on the vacuum capacitors and relays.

All items not sold soon will be consigned to HRO or otherwise disposed of.

73, Don

KC6VPZ Estate Sale

J Ferris "Norm" Norman, KC6VPZ, SK
Contact Barbara at 408 947-1011

2. Trippe MFG Co 13.8 V, 3 A pwr sup.	10
5. NYE viking 020-001 low pass filter	20
6. Autek Research QF-1A noise filter	35
7. MFJ-112 DX'er clock	10
8. hand key, brass	3
9. Midland wattmeter/swr	10
10. mobile speaker	5
11. repeater directory, 1995/6	1
12. Cushcraft AR-270 dual-band ant.	25
13. Cushcraft AR-10 10 meter ringo vert. ant.	20

12 & 13 are still on roof, with coax.

REALITY? THAT'S WHERE THE PIZZA DELIVERY GUY COMES FROM!

WARNING: DATES IN CALENDAR ARE CLOSER THAN THEY APPEAR

MAKE IT IDIOT PROOF AND SOMEONE WILL MAKE A BETTER IDIOT

PURITANISM: THE HAUNTING FEAR THAT SOMEONE, SOMEWHERE MAY BE HAPPY

THE SEX WAS SO GOOD THAT EVEN THE NEIGHBORS HAD A CIGARETTE

SEX ON TELEVISION CAN'T HURT YOU...UNLESS YOU FALL OFF!

|\\WWW| Very 73, Marty VE7MTY
| |
| | -)(o Message sent at:
C |)
| ,_| 01:17 PDT on Aug 11, 1997
| /
|_| using Winpack v6.2

=====
Date: 9 May 94 12:21
From: NOAHH@NX0C
To: HUMOR@ALLUS
Subject: dumb travelers

At our Tucson travel office, an out-of-state couple asked what the weather conditions would be like at the Grand Canyon in the fall. By way of example, I told them about my trip to the canyon the previous fall.

"The week before we left, temperatures were in the 70s," I said. "The next weekend they had 16 inches of snow."

The couple listened politely, and then one of them remarked, "But we won't be going on a weekend."

Need Help?

Amateurs have a long history of helping each other. An experienced amateur who helps another is traditionally called an "Elmer." If you have a question or problem, you are encouraged to ask one of SCCARA's Elmers. Below is a list of topics including who to contact for each.

If you consider yourself to be reasonably competent in at least one area of amateur radio and would be willing help others, please ask the club secretary for an Elmer survey

form and fill it out.

Antennas, feed-lines, tuners:
WB6EMR, AC6FU, K6PBQ, K6RQ, WB6YRU
Lightning protection, grounding: WB6YRU
Station set-up, equipment: AC6FU, K6PBQ, K6RQ
TVI/RFI: WB6YRU
Homebrew projects, construction: AC6FU, KD6FJI, WB6YRU
Computers: KB6NP; IBM PC: WN6U, WB6YRU
Packet Network (BBS, forwarding): WB6YRU
Other digital modes (AMTOR, RTTY): WN6U
Code operating and installations:
WB6EMR, AC6FU, K6PBQ, K6RQ
Contesting & techniques: K6RQ
DX (long distance/propagation): WB6EMR, K6RQ
Emergency operating/preparedness: WA6QYS
FM (VHF/UHF, repeaters): WA6VJY
HF operating techniques (SSB, CW):
WB6EMR, AC6FU, K6PBQ, K6RQ
Mobile operating: K6RQ, WN6U
NTS & traffic handling:
QRP (HF low power, all modes): WN6U
TEN-TEN (10 M only): AC6FU
Classes/license upgrading: W6ACW, AC6FU
Legal/FCC rules: WB6YRU
SCCARA (club inner workings):
K06HH, K6PBQ, WA6VJY, WB6YRU, WA6QYS
Math applications: AC6FU
Children's Discovery Museum, volunteer operator: K6PBQ

W6ACW, Ed Hajny, (408) 739-6105

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

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

AC6FU, Jack L. Ruckman, (408) 379-4846

K06HH, Don Hayden, (408) 867-4643
packet: home BBS NOARY

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

K6PBQ, Don Village, (408) 263-2789

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

K6RQ, Frank Glass, (408) 356-1026

WN6U, Doug Eaton, (408) 377-3736
packet: home BBS NOARY
internet: wn6u@compuserve.com

WA6VJY, Stan Getsla, day: (408) 738-2888 x5929,
evening & msg: (408) 275-0735

WB6YRU, Gary Mitchell, msg (408) 265-2336
also (408) 269-2924
packet: home BBS NOARY
internet: wb6yru@arasmith.com

SCCARA ROSTER

Summer 1997

Dues-members

Please bring any errors or omissions to the attention of the Secretary.

CALL	CLS	FIRST	LAST	PHONE #	ADDRESS	CITY	ST	ZIP	PACKET	E-MAIL
N6ANE	T	TERRY	RUSSELL	510 814-0570	2137 OTIS DR APT 204	ALAMEDA	CA	94501-5703		
KA6ASV	A	EUGENE	HILL	408 226-6801	381 BLUEFIELD DR	SAN JOSE	CA	95136-2106		
KC6BFQ	N	THOMAS	DUNBAR	703 406-2178	117 N STERLING BLVD	STERLING	VA	20164-4021		
N6BUO	A	WARNER	NASH	408 241-5788	2652 WALLACE ST	SANTA CLARA	CA	95051-3826		
		REX	SKIVER	408 263-5277	1871 SHENANDOAH AVE	MILPITAS	CA	95035		71602.764@compuserve.com
WA6BYB	G	FRANK M	MONEZ	408 578-7067	407 BLUEFIELD DR	SAN JOSE	CA	95136-2004		
K6CAY	A	OTHO "OCH"	LAWRENCE	408 867-1647	18965 HARLEIGH DR	SARATOGA	CA	95070		
W6CF	E	JIM	MAXWELL	408 353-3911	PO BOX 473	REDWOOD ESTATES	CA	95044		
W6CFK	A	DICK	BARRETT	408 264-4320	1520 SANTA MARIA AVE	SAN JOSE	CA	95125-4463		
WD6CGI	G	HENRY	PONCE	408 433-1655	2151 OAKLAND RD #179	SAN JOSE	CA	95131-1520		
K06CI	E	REUBEN J	VASELENKO	408 247-0825	1201-66 SYCAMORE TER	SUNNYVALE	CA	94086		
N6CMJ	G	DICK	RAWSON		141 KIT CARSON CT	SANTA CLARA	CA	95050-6615		
W6CNN	G	LEO	RUTH	408 722-8890	101 SHELL DR #115	WATSONVILLE	CA	95076-9665		
KE6CTH	T	JOHN	REGENT	408 984-1256	12540 CENTER AVE	SAN MARTIN	CA	95046-9760		
KE6DCZ	A	ODELL	DORSEY	408 946-5027	421 W CAPITOL AVE	SAN JOSE	CA	95035		
K6DEZ		GEORGE	FUJII	408-298-8568	824 N FIFTH ST	SAN JOSE	CA	95112		
KE6DSB	T	TOM	LAPIERRE	408 245-4717	1487 BARTON DR	SUNNYVALE	CA	94087		
KF6DVH	T+	BRENDA	LEE	408-245-5625	974 CASCADE DR	SUNNYVALE	CA	94087-4042		
KF6DXG		EDWIN J	TERPSTRA	408 433-5406	PO BOX 612456	SAN JOSE	CA	95161-2456		brenda@chips.com
WA6DXP	E	JOE	QUIRANTES	408 371-0959	2809 NICHOLAS DR	SAN JOSE	CA	95124-1535		
KF6DXQ	T	ANDY	FLORES	408 274-2700	2648 PEARTREE LN	SAN JOSE	CA	95121		
KF6EAJ	T	WYNFORD	PRESTON	408 296-5164	2464 GLENDENNING AVE	SANTA CLARA	CA	95050-6416		
KD6EFL	T	HUGH	COLLIS	408 246-9374	611 WOODHAMS RD	SANTA CLARA	CA	95051		
K6EJF	A	JOHN	TANNER	408 244-2445	2340 WALNUT GROVE AVE	SAN JOSE	CA	95128		
WB6EMR	E	JAMES D	ARMSTRONG JR	408 945-1202	323 SILVERTIP CT	MILPITAS	CA	95035-6746		
W6EOA	E	SAM	TERESI	415 968-1814	1988 DEODARA DR	LOS ALTOS	CA	94024-7056		
K8ERL	E	MIKE	MARNERIS	408 243-9042	2679 BRADY CT	SANTA CLARA	CA	95051-3030		
KB6ETA	T+	BYRON	BOMMARITO	408 281-1916	571 GIRAUDO DR	SAN JOSE	CA	95111		
KE6FBY	T	LAURA	GAYNON	415 853-6049	1340 HAMILTON AVE	PALO ALTO	CA	94301-3122		
KC6FGX	T	JOHN	SKINNER	408 446-5451	939 S TANTAU AVE	CUPERTINO	CA	95014-4601		
KD6FJI	G	LLOYD	DeVAUGHNS	408 225-6769	216 WHIRLAWAY DR	SAN JOSE	CA	95111		ldevaughns@aol.com
KE6FQV	T	THOMAS	JEW	408-253-0249	10109 OAKLEAF PL	CUPERTINO	CA	95014-1109		
KE6FTZ	T	RICHARD	GREENE	408 274-7783	2294 RUBY AVE	SAN JOSE	CA	95148		
AC6FU	E	JACK L	RUCKMAN	408 379-4846	1695 EBBETS DR	CAMPBELL	CA	95008-5111		
KF6GPD	T	ASHU	RANGOLE	408 997-7242	6958 GRANDWOOD WAY	SAN JOSE	CA	95120		

CALL	CLS	FIRST	LAST	PHONE #	ADDRESS	CITY	ST	ZIP	PACKET	E-MAIL
W7GUF	A			503 535-2316	PO BOX 264	TALENT	OR	97540		
KA6GZO	T+	JERRY	MCKEE	408 985-0349	1959 JACKSON ST	SANTA CLARA	CA	95050-3826		
W1HBQ	G	ROSS	ANDERSON		1065 OLEANDER CT	SUNNYVALE	CA	94086		
W4HCX	E	FOSTER W	PAULIS	408 370-7394	582 SMOKEY CT	CAMPBELL	CA	95008-3717		
WA6HET	T+	GEORGE	ROUSH	408 741-1876	14660 BIG BASIN WAY UT B	SARATOGA	CA	95070		
K06HH	A	DON	HAYDEN	408 867-4643	13755 SKYLINE	LOS GATOS	CA	95030	NOARY	
KF6HJL	T	DAVID (DAVE)	STONE	408-729-5512	1449 VINCI PARKWAY	SAN JOSE	CA	95131		
N6HN	E	ERNEST	ESPIRITU	408 998-0729	430 N 8TH ST	SAN JOSE	CA	95112-3345		
KD6HNG	T	CRAIG	ADAMS	408 285-9702	5255 STEVENS CREEK BLVD APT 116	SANTA CLARA	CA	95051	KD6HNG@NOARY	Adams_Craig@Tandem.com
KF6HQZ		Elisabeth	Fisher	408-946-3335	424 Glenmoor Circle	Milpitas	CA	95035		
KA6HTP	G	FRANK	MITCHELL	408 262-6655	1714 BUTANO DR	MILPITAS	CA	95035		
KF6IDY	T	RAYMOND G	FISH	408 241-2984	3429 MACHADO AVE	SANTA CLARA	CA	95051		
WA6IER	T	JACK	RUSSELL	510 814-0570	2137 OTIS DR #204	ALAMEDA	CA	94501-5703		
KF6IFU	T	RAYMOND L	ALVARO	408 247-0845	3213 KNIGHTSWOOD WAY	SAN JOSE	CA	95148-2706		
KF6IFV	T	JOSEPHINE	ALVARO	408 247-0845	3213 KNIGHTSWOOD WAY	SAN JOSE	CA	95148-2706		
KE6IKV	T	MELVIN D	CHAN	408 379-5232	2054 ANTHONY DR	CAMPBELL	CA	95008		
K6IUU	T+	VIRGINIA	METZGER	408 294-3575	285 EAST MISSION ST	SAN JOSE	CA	95112-5011		
KN6K	E	KEITH	BUTTS	408 248-3849	409 BUNDY APT 8	SAN JOSE	CA	95117-1660		kn6k@pacbell.net
KB6ICQ	T	Kathy	Getsla	408-275-0735	477 Pamlar Avenue	San Jose	CA	95128-4220		
KC6SPV	T+	Erik	Ankney	408-721-4220	2900 Semiconductor Dr. D3-500	Santa Clara	CA	95052		erik@marconi.nsc.com
KD6KGI	T	MICHAEL	WEISER	408 378-2496	831 GALE DR APT 46	CAMPBELL	CA	95008		
N6KMQ	G	WILLIAM A	JOHNSTON	408 377-1524	209 SOUTH PETER DR	CAMPBELL	CA	95008-3312		
K6KN	E	WILLIAM	KEAGY	408 243-1869	2417 GLENDENNING AVE	SANTA CLARA	CA	95050-6415		
KE6KXO	T	CLARK R	MURPHY	408 262-9334	PO BOX 135	ALVISO	CA	95002-0135		
KB6LCJ	G	MIKE	HASTINGS	408 243-6745	2681 BARCELLS AVE	SANTA CLARA	CA	95051-5729		hastm@concentric.net
KB6LFZ	T	JOAN	HASTINGS	408 243-6745	2681 BARCELLS AVE	SANTA CLARA	CA	95051-5729		
WM6M	E	DAN	DIETZ	408 430-9650	419 SHERMAN DR	SCOTTS VALLEY	CA	95066-3631		dand@mtnweb.com
KF6MBG	T	Kevin	Gehrke	408-929-2492	3442 Youngs Circle	San Jose	CA	95127		k6ehrke@cccmail.com
KE6MEA	G	TIMOTHY G	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133		
K6MOB	A	TONY	SANCHEZ	408 296-6676	1761 BENTON ST	SANTA CLARA	CA	95050-5200		
KK6MX	E	DONALD R	APTE	408 629-0725	71 SOUTH SEA CT	SAN JOSE	CA	95138		
N3MXS	T	SHAWN	CHI TRAN	408 279-5675	856 PASEO ESTERO DR	SAN JOSE	CA	95122		
KD6MZM	T	IMRE	TAKACS	415-925-9046	GENERAL DELIVERY	SAN QUENTIN	CA	94964-9999		
KF6NEW	T	Tom	Root	408-734-1548	1050-98 Borregas Ave	Sunnyvale	CA	94089-1645		
W6NMH	E	Donn	Fisher	408-946-3335	424 Glenmoor Circle	Milpitas	CA	95035		dfisher@us.oracle.com
KB6NP	A	JON A	DUTRA	408 428-2058	20746 SEVILLA LN	SARATOGA	CA	95070-4824	NOARY	jond@pacbell.com
WB6ODL	A	WALT	MITCHELL	408 262-6655	1714 BUTANO DR	MILPITAS	CA	95035		
N60HK	T+	THOR	JOHNSON	916 644-8498	2881 ALDER CT	CAMINO	CA	95709-9672		THOR@CALWEB.COM
KB6OHO	E	BOB (SK)	KELLER	408 725-1034	1059 BIG OAK CT	SAN JOSE	CA	95129-3106		
AA6ON	E	MILTON	O'HARA JR	408 988-3959	2376 SHORESIDE CT	SANTA CLARA	CA	95054-1350		jog@pacbell.net
W600Y	G	BOB	WHARTON	408 251-0505	1535 SUNSHADOW LN	SAN JOSE	CA	95127-4663		bw-W600Y@worldnet.att.net
KE6OUG	T	BILL	PARENT	408 926-9040	1138 SUMMERGARDEN CT	SAN JOSE	CA	95132		
KE6OUP	T+	JACK	MONAHAN	415 326-1713	1525 ALMA ST	PALO ALTO	CA	94301		
AB6OZ	E	GEORGE F	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133		
K6PBQ	E	DON	VILLAGE	408 263-2789	3290 WOODY LANE	SAN JOSE	CA	95132-3544		

CALL	CLS	FIRST	LAST	PHONE #	ADDRESS	CITY	ST	ZIP	PACKET	E-MAIL
N6PCQ	E	ROBERT L	FORSTER	408 296-5509	268 KELLOGG WAY	SANTA CLARA	CA	95051-6713		
WB6PFB	G	KEN	ADCOCK	408 923-1701	3023 LITTLE ROCK DR	SAN JOSE	CA	95133-2030		kadcock@aol.com
W6FS	E	ARTHUR	FURTADO	408 371-2655	2266 STRATFORD DR	SAN JOSE	CA	95124-2635		
KD6QEI	T	BARBARA	BRITTEN	408 293-3847	585 S 14TH ST	SAN JOSE	CA	95112		
KD6QEJ	T	KIRSTEN M	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133		
WA6QYS	A	LOU	STEIRER	408 241-7999	2809 TOLEDO AVE	SANTA CLARA	CA	95051-5605		
K6RQ	E	FRANK	GLASS	408 356-1026	14910 LOS GATOS RD	LOS GATOS	CA	95032-2011		JHWG66A@prodigy.com
KB6RSB	T+	JOHN H	KERNER	408 356-1663	16142 CAMINO DEL SOL	LOS GATOS	CA	95032		
KC6SOC	E	TERRY	YOUNG	408 270-5639	3383 BELGROVE CT	SAN JOSE	CA	95148-3114		
WA6TBT	G	JOSEPH	MANNINA	408-246-2242	1675 SCOTT BLVD-APT 222	SANTA CLARA	CA	95050-4150		
KC6TDK	A	PAT	ITATANI	408 463-0844	PO BOX 13157	COYOTE	CA	95013-3157		
KI6TI	A	LOUIS	SMITH	415-363-1697	1614 HUDSON ST-APT 111	REDWOOD CITY	CA	94061		
W6TQH	T+	MICHAEL	GAYNON	415 327-8640	1340 HAMILTON AVE	PALO ALTO	CA	94301-3122		
N6TQN	T+	JACK	LOVREN	408 238-1900	6146 MONTGOMERY PL	SAN JOSE	CA	95135		
N6TYI	A	DAVID	PRATT	408 281-2482	207 PINOT CT	SAN JOSE	CA	95119-1855		
WN6U	E	DOUG	EATON	408 377-3736	185 UNION AVE APT 22	CAMPBELL	CA	95008-3122	NOARY	wn6u@compuserve.com
WA6UBE	G	PATRICIA "TRISH"	GIBBONS	408 923-0843	10958 MT HAMILTON RD	SAN JOSE	CA	95140		
KD6UD	A	WARREN	GILLERAN	408 988-2706	3543 MACINTOSH ST	SANTA CLARA	CA	95054-2246		
K6UF	E	KEN	STACKHOUSE	408 723-8979	1580 INVERNESS CIR	SAN JOSE	CA	95124-4809		
KA6UMI	T+	ROLAND	WELSPIEL	408 296-2006	1669 LEXINGTON ST	SANTA CLARA	CA	95050-5350		
KA6UUS	G	FRAN	ELLIOTT	408-246-2262	1675 SCOTT BLVD-APT 222	SANTA CLARA	CA	95050-4150		
WA6UWF	T+	JOHN	MEIERDIERKS	415 967-4266	1666 MORGAN ST	MOUNTAIN VIEW	CA	94043-1801		
K6VIP	E	ROY	METZGER	408 294-3575	285 EAST MISSION ST	SAN JOSE	CA	95112-5011		k6vip@svpal.org
WA6VJY	A	STAN	GETSLA	408 275-0735	477 PAMLAR AVE	SAN JOSE	CA	95128-4220		SGetsla@aol.com
KC6VPZ	G	J FERRIS "NORM"	NORMAN (SK)	408 947-1011	450 FULLER AVE	SAN JOSE	CA	95125-1546		
WB6VXA	G	BOB	AVINA	408 247-3311	963 BLOSSOM DR	SANTA CLARA	CA	95050		
W6VZT	E	ALBERT F	GAETANO	408 379-3776	115 OLD ADOBE RD	LOS GATOS	CA	95030		
KE6WBQ	T	KENNETH W	WHITE	408 238-6714	3077 OLDFIELD WAY	SAN JOSE	CA	95135-1029		
KO6WM	A	NEAL A	PATE	408 293-1219	PO BOX 15	SAN JOSE	CA	95103		nealpate@svpal.org
KD6WPC	T	RUTH	SMITH	408 248-3646	3215 ORTHELLO WAY	SANTA CLARA	CA	95051-3761		
KE6QWI	T+	Shayne	Nelson	408-260-1925	P.O.Box 60127	Sunnyvale	CA	94088-0127	NOARY	
K6WR	E	BRAD	WYATT	408 395-2501	18400 OVERLOOK RD #5	LOS GATOS	CA	95030-5850	NOARY	k6wr@arrl.org
WO6X	E	CARLA	WATSON	408-773-1885	473 Palo Verde Drive	SUNNYVALE	CA	94086		wo6x@juno.com
W6YD	E	GEORGE	ALLAN	408 226-0497	668 CHEMEKETA DR	SAN JOSE	CA	95123-3012		gallan@aol.com
N6YLM	T+	BARBARA	EGGLESTON		141 KIT CARSON CT	SANTA CLARA	CA	95050-6615		
KA6YMD	A	WALLY	BRITTEN	408 293-3847	585 S 14TH ST	SAN JOSE	CA	95112		
WA6YRU	A	JOE	BOCANEGRA	408 266-2997	PO BOX 585	SAN JOSE	CA	95106		
WB6YRU	A	GARY	MITCHELL	408 265-2336	1851 LAURINDA DR	SAN JOSE	CA	95124-5614	NOARY	wb6yru@arasmith.com
N6YWZ	T+	WILLIAM M	ROGERS	408 225-8377	4648 MIA CIR	SAN JOSE	CA	95136-2325		
AC6ZC	E	BOB	JOHNSON	408-266-4171	1145 LAURIE AVE	SAN JOSE	CA	95125		rjohnson@seocal.com
KD6ZJJ	T	ANDY	WIRT	408 978-1874	5067 RAFTON DR	SAN JOSE	CA	95124		
KD6ZJK	G	JOANNE	MOSES	408 578-7306	6059 BIGELOW CT	SAN JOSE	CA	95123-4404		
KE6ZOV	T+	RONALD H	GORDON		1137 RAJKOVICH WAY	SAN JOSE	CA	95120		
KD6ZUC	G	WIM	DEWILDER	408 732-5477	984 E EVELYN AVE	SUNNYVALE	CA	94086-6772		wdewilde@worldnet.att.net
KE6ZXU	G	Carl	Winchester	408-269-2083	2498 Westgate Ave	San Jose	CA	95125-4041		72707.1411@compuserve.com
K6ZYY	A	EL	WIRT	408 377-2202	4952 ESTHER DR	SAN JOSE	CA	95124-5411		

December Dinner Meeting Sign-up

Our annual December christmas dinner meeting will be on Friday, December 12th, at the Hungry Hunter in Milpitas, Calaveras Blvd near Hwy 680 (old yellow house location), we've been there once before a couple of years ago. Cocktails at 7:30 PM and dinner at 8 PM. We will have a choice of four entrees. Regular dinners are \$21.50 each, children's choices are indicated below. Reservations need to be in by Friday, December 5. Talk-in on our repeater W6UU, 146.385(+). I'm looking forward to seeing all of you there. Why not renew your membership (back cover) at the same time? -- Don K6PBQ

For the annual dinner meeting in December, sign me up for the following dinner(s):
From the regular menu, \$21.50 each:

_____ Prime Ribs of Beef	_____ Whiskey Peppercorn Top Sirloin Steak
_____ Teriyaki Chicken	_____ Sword Fish

From the Children's menu:

_____ Deli Burger, \$7.50	_____ Chicken Strips, \$7.50
_____ Fried Shrimp, \$8.75	

Total for dinners: \$ _____

Please renew your membership (over) at the same time--combine both payments here -- GRAND TOTAL: \$ _____

Give this form (or copy) with payment to the Treasurer or mail to: SCCARA PO Box 6 San Jose CA 95103-0006

Newsletter Notes

The latest roster appears in this issue. I wanted to get it into the September issue, but it wasn't quite ready in time. A complete database print-out, with cross references by first name and last name, is available separately. See me at any meeting or let me know and a copy will be sent to you.

Except for the layout, if you notice any errors, omissions, or if something just isn't quite right, please notify the secretary, not me...I don't maintain the database, I only printed it. ☺ After corrections are made, an updated version will hopefully go out in a couple of months.

Many of you know that Bob Keller, KB6OHO was the club photographer for many years. Due to serious illness he had to give that up a couple of years ago. So far, nobody has volunteered to fill Bob's shoes in this duty. If the club is interested in having photos in the newsletter--and I can't imagine why not, then someone is going to have to step forward. It doesn't have to be a big job, just a few photos once in a while would be fine. If cost is an issue, I think the board would probably be more than willing to reimburse your expenses.

73, Gary WB6YRU, editor

S.C.C.A.R.A. Membership Form for 1998

(Fill in name and address if there is no mailing label below; make corrections if the label is incorrect)

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

Address: _____ Licensed since (yr): _____

City: _____ State: _____ Zip: _____ - _____

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

E-mail: _____ Packet: _____

For family memberships (at the same address), please list other name(s) and call(s):

Annual membership dues are payable at the first of the year and expire the following December 31. New members joining on or after July 1, pay half the membership dues.

Annual Membership dues: Individual \$15 Family \$20 Student (under 18) \$5 _____

I want _____ SCCARA badges @ \$3 ea. Badge name & call: _____

Please send the repeater Auto-Dial/Auto-Patch codes (no charge, circle): Yes
WE MUST BE ABLE TO VERIFY YOUR AMATEUR LICENSE
BEFORE ANY REPEATER CODES WILL BE SENT TOTAL: _____

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

== PLEASE DO NOT TEAR/CUT ==

**SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION**

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