

SCCARA-GRAM

Santa Clara County Amateur Radio Association

Volume 11, Number 1

January 1995

President's Prose

TIME AND OUR HOBBY

Most of us have "lots of reasons" why were not on the air very much. "Lots of these reasons" are nonsense, I know most of mine are anyway.

I remember back when I was stationed in Spangdahlem Germany as DL4ZC, it somehow seemed that the days were longer than 24 hours and time seemed endless. Anyhow, it really seemed that way then.

Shortly after arriving on base, I took a look at our barracks roof: *O'Boy, two story and flat.* That same week several wire antennas "grew" up there, some of the guys wondered what was going on. (No questions asked, just did it!)

I got an ARC 5 command set and the matching transmitter with a pair of 1625 tubes, but still needed a power supply and some miscellaneous stuff. Parts were obtained from a ham in the Comm. sqd. without problems. These were the days when you *built* things you needed, no local ham stores. (The most impressive thing I recall while stationed in Deuchland was the fact that all ham equipment owned by my German ham friends was home made and of very high quality. Not only transmitters and receivers, but test equipment as well.)

Finally, the most awaited mail arrives, DL4ZC is ON THE AIR. Talk about frequency drift, like a small boat on a very windy lake. (Most hams licensed recently have not experienced drift of this magnitude, you haven't lived until you have.)

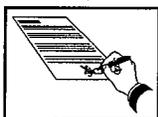
This was the mid 1950's. World wide communications happened daily. I worked over 150 countries in less than a year on CW.

Several months later I met W0PVH, Capt. Lloyd Rounds from Kansas. Lloyd was Cmdr. of the Base Comm. Sqdn. and we quickly became friends. Later I was reassigned to Base MARS. This was the happiest time in my life.

My fellow ham friends, this reminiscing is ok but, the greatest times in our lives should not be in the past, they should be in our future. After all why shouldn't they be?

LET'S GET ON THE AIR. TRY SOME HF. UPGRADE. DO IT NOW! IT'S UP TO YOU. Have a Happy New Ham Year.

73, Mike Marneris, K8ERL



Calendar

- 1/9 SCCARA General Meeting
- 1/23 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 2/13 SCCARA General Meeting
- 2/27 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)

Next General Meeting

Day: Monday, Jan. 9, 1995
Time: 7:30 PM
Place: United Way Building
Agenda: Frank Glass, K6RQ, will talk about DX.

The United Way Building: 1922 The Alameda, San Jose, (about one mile South West from the San Jose Air Port). From I-880 take the Alameda turn-off going South for 1/2 block then turn left on McKendrie. From the South: go North on the Alameda, 1/2 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: South-West corner of North 1st and Plumeria Dr. Plumeria is two lights North of Trimble and South of Montague Expressway. From the South on I-880, take the 1st Street exit, go North. From the North on I-880, take the Montague (Trimble) exit, go West to Trimble then turn right (North) on 1st, (if you miss Trimble, just follow Montague then turn left (South) on 1st). From the South on US-101, take the Trimble (De La Cruz) exit going North, then turn left (North) on 1st. From the North on US-101, take the Montague exit going North/West, then turn right (South) on 1st.

The main entrance faces Plumeria, go straight in past the front desk. The radio room is in back of the conference room on the left just past the rest-rooms. **Board meetings are open to all.**

Meeting Minutes



General Meeting, Dec. 9, 1994

The Evening got underway with a social hour. Dinner was served at about 7:00 p.m. Most, if all of those attending agreed that the dinner was superb.

Rex Skiver, N6BUO, was nominated for Treasurer and elected unanimously. The newly elected officers and directors were sworn in.

President..... Mike Marneris, K8ERL
 Vice President..... Hugh Collis, KD6EFL
 Secretary..... Gary Mitchell, WB6YRU
 Treasurer..... Rex Skiver, N6BUO
 Station Trustee..... Stan Getsla, WA6VJY

Director..... Imre Takacs, KD6MZM
 Director..... Don Apte, KK6MX
 Director..... Stan Getsla, WA6QYS
 Director..... Don Village, K6PBQ
 Director..... Dan Dietz, WM6M

After dinner there was the raffle. The new board of directors and club officers had their pictures taken.

About 10 PM, meeting adjourned.

73, Lloyd, KD6FJI, outgoing Secretary.



Board Meeting, Dec. 27, 1994

Meeting called to order at 7:22 PM, Doug WN6U presiding.

Attendance

Directors: Imre KD6MZM, Don K6PBQ, and Lou WA6QYS.

Officers: President Mike K8ERL, Vice President Hugh KD6EFL, Secretary Gary WB6YRU, and Treasurer Rex N6BUO.

Others: Doug WN6U, Don KO6HH, Lloyd KD6FJI, and Mike KB6LCJ

Reports and Comments

KO6HH: A set of ARRL books have been delivered to the Sunnyvale library.

KD6EFL: Suggestions for meeting speakers are needed.

K6PBQ: The United Way fee for the meeting room is going

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. SCCARA is an affiliate of the American Radio Relay League.

The club station, W6UW, is currently homeless (out of service).

Articles for the SCCARA-GRAM must be submitted to the editor by the last Monday of the month.

OFFICERS and DIRECTORS

President	Mike Marneris, K8ERL	243-9042
Vice President	Hugh Collis, KD6EFL	258-2826
Secretary	Gary Mitchell, WB6YRU	265-2336
Treasurer	Rex Skiver, N6BUO	
Station Trustee	Stan Getsla, WA6VJY	275-0735
Director	Dan Dietz, WM6M	458-3460
Director	Don Village, K6PBQ	263-2789
Director	Lou Steirer, WA6QYS	241-7999
Director	Imre Takacs, KD6MZM	251-9686
Director	Don Apte, KK6MX	629-0725

STAFF

Editor	Gary Mitchell, WB6YRU	265-2336
Facilities	Don Village, K6PBQ	263-2789
Historian	Jean "Doc" Gmelin, W6ZRJ	973-8583
Mail List	Joe Quirantes, WA6DXP	371-0959
Mailman	Tony Sanchez, K6MOB	296-6676
Photographer	Bob Keller, KB6OHO	725-1034
Good & Welfare	Ed Rawlinson, WD6CHD	264-2988

COMMITTEES

Repeater	Keith Butts, KN6K	248-3849
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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 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

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 CLASS HOTLINE:	971-1424
ARRL LICENSE (VEC) HOTLINE:	984-8353

from \$25/hr to \$30/hr plus \$6.50 for security (\$36.50/hr).

K8ERL:

Stan WA6VJY said Mt Madonna reservations have been made for June 9. It was pointed out field day is June 24-25. Mike will check on this.

Reports of the board meetings to the membership should be more thorough.

The Special Olympics sent SCCARA a letter thanking us for the use of our repeater during their event.

WB6YRU:

Trish WA6UBE said the main hold up on the repeater move to the radio vault is the lack of a letter of agreement. Work on this is now underway.

Editor's Report: No Elmer sine-ups have been received for the last two months, total of four so far.

Repeater Report: [Editor's note: see the *Repeater Report* column for this text]

Station Report: [Editor's note: see the *Station Status* column for this text]

Secretary's Report: SCCARA has had a problem keeping records, it seems that what still exists is scattered amongst several people. Collecting, consolidating, and organizing club records is something I will be working on.

So far I have not received any meeting minutes prior to 1994. Lloyd says he never got them. Gene said he gave them to the president at the Dec. 1993 meeting. Also, I have not received any roster materials.

We have two kinds of blank certificates that can be used for the SCCARA contest participants. I can make those up if told what it should say and how it should look.

N6BUO:

The repeater account has \$5255.50 and the general account has \$13329.16, for a grand total of \$18584.66. We gained \$635 for the year.

Also, the officers need to sign a signature card.

KB6LCJ:

It seems our general checking account got down to \$200 suddenly, the bank (Bank of the West) says someone cashed a \$1018 check. There's no record of the check and the bank said they don't make mistakes. When \$1000 was transferred to the checking account it was discovered the bank did make a mistake... all is OK now.

If we stop hosting a Foothill flea market each year, our cash flow would quickly turn negative.

Proof of insurance is in hand (needed for Adult Ed center and United Way). Discussion followed on showing proof of insurance to places where we meet. Discussion followed about maybe finding a cheaper place to meet.

I have yet to deliver a set of ARRL books to the Santa Clara library (there are a few complications).

WA6QYS:

I will check into our hosting one of the flea market during 1995.

KO6HH:

Frank Glass will speak on DX at the next general meeting.

Discussion followed about the Red Cross radio room.

K8ERL/WB6YRU:

Discussion about our bylaws and articles of incorporation. A group is forming to look into the matter of correcting problems and improving them (see WB6YRU).

KO6HH:

Our contest was a good idea and we might want to do this every few months. Perhaps different formats each time. The idea is to encourage new HAMs to get on the air.

Adjourned 8:35 PM

The Secretary Says...

Hello everyone! In addition to being the SCCARA-GRAM editor, I'm now also the secretary. Yes, the work load is significant, but at least there won't be a problem with the secretary getting the minutes delivered to the editor! ☺

Our new president, Mike, K8ERL, suggested the board meetings could be reported more thoroughly to the membership. The board meeting minutes above is my attempt at complying with Mike's request. Is it too much? Not enough? What about the format?

If anyone has any suggestions or comments--good or bad--please, I want to hear from you. You'll find I have a rather thick skin and won't take negative comments personally.

In general, I plan to be a very active secretary and hope to serve the club well.

73, Gary, WB6YRU, Secretary

Station Status

The club station equipment was successfully moved to our locker from Harold's (KK6ZE) old place of work on Saturday Dec. 10. There is just a little room to spare.

Don KO6HH and I (WB6YRU) transported SCCARA's stuff. Lou WA6QYS helped us load SCCARA's stuff into our locker.

Rumor has it that a work crew was recently working on cabinets and/or table-tops in the Red Cross radio room. Hopefully, it won't be too much longer before the club station, W6UW, is back on the air again.

For the Station Trustee: Gary, WB6YRU, Secretary

Repeater Report

As most of you know, our two meter repeater is located at Trish's house (WA6UBE). The antenna was moved to make way for a new roof. The roof work is done--and it included a locked enclosure (closet) on the back porch. The repeater has been moved (out of the way) from Trish's back room to this closet. The new spot places the equipment closer to the antenna, so we were able to shorten the coax by roughly 20 feet. We also now have a half-way decent Earth ground.

The closet is little cramped, but it's not bad now; however, part of it will be used for storage. This could make servicing the repeater difficult; so, this arrangement isn't as good as it now appears. Paper work is in progress concerning the eventual move to the San Jose City radio vault. Once a "memorandum of understanding" is agreed to, the move should take place.

The repeater is currently putting out 45 watts (roughly half power) into the attenuator and duplexer with a SWR of 1:1. After the coax attenuator and duplexer, the power going to the antenna is 7.5 watts with a SWR of 1:1. We believe this power level allows the user to receive the repeater about as well as repeater receives the user. The attenuator is used instead of reducing the transmitter power because a similar type transmitter was observed to produce spurious signals at low output levels.

For the Repeater Committee Chairman:
Gary, WB6YRU, Secretary

Packet Pieces

Downloaded from the packet network:

=====
Date: 29 Dec 94 16:57
From: KB8BMN@W8HHF
To: HUMOR@ALLUS
Subject: ...at the Pearly Gates

Three married couples arrived at the Pearly Gates at the same time...

St. Pete asked the first man his name and he said, "Smith." "Mr. Smith," said Pete, "I see here in the book that in your life you placed money above all else...you loved money so much in fact you even married a woman named Penny. I am afraid that we can not let you and your wife in." And he sent them away.

The second couple approached. "Name is Jones" said the

husband. "Mr. Jones," said Pete, "I see here in the book that in your life you placed alcoholic beverages above all else...you loved drinking so much in fact you even married a woman named Sherry. I am afraid that I can not let you and your wife in." And he sent them away, also.

The third guy just turns and walked away... "Aren't you even going to TRY?!?", asked the third man's wife. "What's the use?", he asked her, "I haven't got a chance, let's go Fanny..."

-Smile! Andy KB8BMN @ W8HHF.#NWOH.OH

=====
Date: 30 Dec 94 02:44
From: KF4OJ@KF4OJ
To: HUMOR@ALLUS
Subject: The Police Discovery

The President of an small country looks out on the snow covered lawn and sees in Yellow writing "President Stinks." The president calls the Secret Police director and tells him to analyze the snow and find out who is responsible for these actions.

Later, the Secret Police Director returned and said "Mr. President... I have bad news and worse news... The snow test is positive for your Vice President, and the worse news is that it's your wife's hand writing.

This joke was sent by Art, N2OQI

=====
Date: 30 Dec 94 02:43
From: KF4OJ@KF4OJ
To: HUMOR@ALLUS
Subject: Overheard in a supermarket

Overhear on the public-address system at a supermarket in Alpharetta, Ga....

Would the person with a leaky bag of sugar please stop your shopping cart where you are so that our custodian can catch up to you."

In a HURRY, I dashed through the grocery store, selected my ten items and looked for an express lane. Rushing to one clerk, I inquired, "can you check me out please?" He turned and looked me in the eye, then glanced down and back up again. "Not bad," he said.

--- from David and Marilyn Morales, San Jose, CA.

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Keep smiling! © 73, Gary WB6YRU

ARRL Pacific Division Update

January 1995

the 1st. We will be needing all their help.

Again, many thanks for all the 1994 grassroots work!

News on Effort to Save 13 cm Band:

By the time you read this, Comments on ET Docket 94-32, the NPRM involving the sale of licenses in the 2390 - 2400 and 2402 - 2417 MHz bands, will have been filed by all the parties interested. The comment deadline was Dec. 19, 1994. Many thanks to all who have worked so hard on this effort, with special thanks to Jim Von Striver, W6ASL, the spokesman for the Pacific Division Spectrum Committee, NARCC, NCPA and many others for all the effort put into trying to save 13 cm for all of us. Jim is planning a campaign to write Reply Comments on this matter. The Reply Comment deadline is Jan. 3, 1995. Please contact Jim at (510) 827-9826 if you are interested in helping.

There is another docket which discusses spectrum allocations above 40 GHz. This one appears to be relatively benign as it involves Amateur Radio only in the 76-77 GHz segment of one of our bands and appears not to really threaten us. Nevertheless, the ARRL is filing comments, and I ask those of you interested to secure a copy of the Docket from Jim Von Striver, W6ASL, who will be assembling the Pacific Division comments. Comments are due on Jan. 31, 1995.

Latest on Vanity (Preferred) Call Signs:

At the ARRL National Convention in mid 1994 and at a later meetings, FCC officials indicated that the vanity call implementation should occur in early 1995. The basic outline of the ARRL Comments filed on FCC Docket 93-305 by the April 21 deadline is contained in the June 1994 Update. For the moment the dollar cost for obtaining a vanity call license remains at \$7 per year annual fee - see Congressional Legislative Report, above.

Pacificon '95:

The Mount Diablo ARC has again agreed to sponsor the Pacific Division Convention. Many thanks! Details are in the Coming Events schedule.

Massive FCC Reorganization:

More pieces of the Aug. 1, 1994, reorganization are now falling into place. The Wireless Telecommunications Bureau is now in existence. This is the group which administers the Amateur Radio Service. The new Chief is Regina Kenney. Of significance is that there is an Enforcement Division of 30 people within this Bureau. We hope that this is another step in the direction of more and better enforcement of the rules.

ARRL President George Wilson, W4OYI, and the ARRL Washington Staff continue to call at the top of the FCC (Commissioners and Civil Service Staff).

Congressional Legislative Report:

The "lame duck" session of Congress in late November has come and gone.

Unfortunately, even though the ARRL and many others did everything they could, the Senate did NOT bring up House Resolution 4522, the FCC Authorization Act of 1994. The House passed the bill in the closing hours of the session on Oct. 7 before leaving for the election campaign.

HR 4522 contained various technical provisions desired by the FCC and other provisions desired by ARRL (but less the Joint Resolution language, which was passed, as reported last month). Among the provisions was one that Congress had decided to change the \$7 per year fee for "vanity calls" to a ONE TIME application fee of \$150. It was the judgment of Congress that this change was "revenue neutral" and would ease the burden of billing and collection on the FCC. (It also helps to stay away from a potential annual license fee for ALL Amateur Radio licenses).

The ARRL staff is now planning our national legislative agenda for 1995 for approval by the Board in January 1995. I would like to have your input to this process. Please contact me immediately with your ideas. Ideas being proposed include reintroduction of the HR 4522 bill concerning vanity call sign application fees; protection for volunteers while performing their specific tasks, such as OO's, VE's; spectrum protection; enforcement issues; to name but a few.

Let's look ahead to the potential Pacific Division Amateur Radio support in the 104th Congress to convene in January 1995. In the Pacific Division part of California, of the 21 members of the House, 9 who were co-sponsors of HJR 199 were re-elected (Edwards in the 16th District, who was a co-sponsor retired; Lehman in the 19th was defeated). Newly re-elected Riggs in the 1st was not a sponsor of HJR 199, but was a co-sponsor of HR 73 in 1992. The one Senator (Feinstein) who was a co-sponsor of SJR 90 was re-elected. In Hawaii, both members of the House co-sponsored HJR 199 and were re-elected; both Senators co-sponsored SJR 90 (Akaka was re-elected - Inouye was not required to run in 1994). In Nevada, the one member of the House (Vucanovich) who co-sponsored HJR 199 was re-elected; Bilbray, who was NOT a co-sponsor was defeated; neither Senator co-sponsored SJR 90. From this analysis, it would appear that our Pacific Division Amateur Radio support continues to be as healthy as it was. Please thank those who were our co-sponsors in 1994. Please contact the new members of Congress concerning Amateur Radio - in CA, Frank Riggs in the 1st., Zoe Lofgren in the 16th, and George Radanovich in the 19th; and in NV, John Ensign in

Electronic Filing of 610s:

The first data interchange tests between selected VECs and FCC dealing with electronic filing of 610s has started. So far, the test results seem favorable. If all goes well, the FCC could be fully on-line with the new 610 process by the beginning of 1995. This action should continue to shorten the time between examination and issuance of license.

New Pacific Division Appointments:

With great pleasure I announce we have added a new Volunteer Counsel in the state of California. He is Al Crespo, WR6R, of Orinda. It is also with great pleasure I announce that Wallace Oki, KH6DJF, of Hilo, HI, has accepted an appointment as a Volunteer Consulting Engineer.

Welcome, Al and Wallace!

Antenna Ordinances:

Rusty Epps, W6OAT, continues to lead a Pacific Division-wide effort to develop a database of antenna ordinances and related materials. Rusty reports that data is coming in from all parts of the Division -- thanks! Send all the material to Charles K. (Rusty) Epps, W6OAT, 651 Handley Trail, Redwood City, CA 94062.

As this Update is being written, we are in the middle of what could be the most significant antenna ordinance trial of many years in the Pacific Division, if not nationally. This is the retrial of Hotz vs. Rich, of Foster City. A favorable outcome in this trial could have far reaching impact on the enforceability of CC&Rs involving Amateur Radio. Jimmy Rich, WD6CJB, is the defendant in this long running case. My thanks to Kip Edwards, W6SZN, Assistant Director, and Rusty Epps, W6OAT, Assistant Director and Volunteer Counsel, for spearheading this huge effort, and to Chris Imlay, N3AKD, General Counsel of the ARRL, Dave Leeson, W6QHS, Bob Vallio, W6RGG, Ted Harris, N6IIU, Howard Brainen, WZ6Z, Lou Beaudet, K6TMB, and many non hams for appearing as witnesses for Jimmy.

Known other antenna ordinance activities are currently underway in Fresno, Sonoma and Santa Clara counties and in Pleasant Hill, CA. All are being monitored closely. Please let me or Rusty know of activities in your area involving antenna ordinances.

Pacific Division Member Receives ARRL Cover Plaque Award:

Dave Barton, AF6S, was awarded this ARRL award for his article in Mar. 1994 QST. The award was made at the October 1994 NCDXC meeting.

Vice Director Jim Maxwell, W6CF, Honored:

On Nov. 18, 1994, Jim was installed as a Fellow of the Radio Club of America. Congratulations!

First Ham in Congress for Years:

Not since the days of Arizona Sen. Barry Goldwater, K7UGA, has there been a ham elected to Congress. On Nov. 8, David Funderburk, K4TPJ, was elected to Congress from the Second District in North Carolina. Among other pieces of background information, K4TPJ, is a former Ambassador to Romania.

Scholarships and Awards:

There are many scholarships and awards covering a wide range of situations available to licensed Amateurs. The ARRL Foundation, The Dayton Amateur Radio Association, The Foundation for Amateur Radio, to name only a few, will be announcing their dates for applications for their 1995 scholarships. Watch QST and other amateur radio publications for details. Nominations for 1995 awards can be submitted starting now.

Coming Events:

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, CA, 7 AM to Noon, all year. Talk in 147.045 from west, 145.35 from the east. Contact Noel Anklam, KC6QZK, (510) 447-3857 eves.
- Winterfest at Monterey CA, Jan. 21, 1995. Contact Cal Miller, WW7G, 969 B Pacific St., Monterey, CA 93940. Phone (408) 649-5347 or leave a message at (800) 497-5130.
- International DX Convention at Visalia, CA, Apr. 21-23, 1995. Contact George Allan, WA6O, 668 Chemeketa Dr., San Jose, CA 95123. Phone (408) 225-1819
- Pacificon '95 at Concord, CA, Oct. 20-22, 1995. Contact Richard Schulze, AA6DL, at (510) 932-6125 on the Pacificon'95 Hotline.

Brad Wyatt, K6WR
Director, ARRL Pacific Division

18400 Overlook Rd. #5
Los Gatos CA 95030-5850
(408) 395-2501

Packet: K6WR @ N0ARY.#NOCAL.CA.USA.NOAM



Newsletter Notes

Now, I really hate to start the new year on a sour note, but so far I've received Elmer surveys from only four people. One more is rumored to be on its way. That's a total of six (counting mine). I refuse to believe so few members in this club (a mere 4%) are willing to help out fellow amateurs with problems or questions. The rest of you just haven't gotten around to it yet... right?

Don't forget: it's that time again--the club dues are now due (as of the first). Why not fill out the elmer survey at the same time you renew your membership? Both forms are here on the last sheet to make it a little easier. If your address is on the cover (and is correct), you don't need to fill that information in again elsewhere.

73, Gary, WB6YRU, Editor

ELMER SURVEY

An "Elmer" is just an experience person who makes him or her self available to help new amateurs with problems or questions. Amateurs have a long history of helping each other. That tradition continues here...

If you consider yourself to be reasonably competent in one or more areas of amateur radio and would be willing to spread the intellectual wealth around, please fill out this form (or a copy) and send it in. When a significant number of Elmers have signed up, the list will be published here for reference.

Name: _____

Call sign: _____

Telephone(s):
day _____

evening _____

msg _____

Packet: _____

Internet: _____

Other: _____

Please circle the number for each area of expertise:

HARDWARE, HARDLINE, & HARD-DRAWN:

- 1 - Antennas, feed-lines, tuners
- 2 - Lightning protection, grounding
- 3 - Station set-up, equipment
- 4 - TVI/RFI
- 5 - Homebrew projects, construction

BITS, BYTES, & BAUDS... OH MY!

- 6 - Computers (Apple, IBM PC)
- 7 - Packet (HF/VHF, keyboard, nodes)
- 8 - Packet Network (BBS, forwarding)
- 9 - Other digital modes (AMTOR, RTTY)

OPERATING AND TECHNIQUES:

- 10 - Code operating and installations
- 11 - Contesting & techniques
- 12 - DX (long distance/propagation)
- 13 - Emergency operating/preparedness
- 14 - FM (VHF/UHF, repeaters)
- 15 - HF operating techniques (SSB,CW)
- 16 - Mobile operating
- 17 - NTS and traffic handling
- 18 - QRP (HF low power, all modes)
- 19 - QRP (VHF/UHF low power, SSB/CW)
- 20 - Satellite (OSCAR, AMSAT)
- 21 - Television (fast and slow scan)

EDUCATION - LAW - POLITICS:

- 22 - A.R.R.L./national issues
- 23 - Classes/license upgrading
- 24 - Legal/FCC rules
- 25 - SCCARA (club inner workings)

ANY OTHER TOPICS or COMMENTS:

- 26 - Other, please describe:

S.C.C.A.R.A. Membership Form for 1995

(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: Yes No A.R.R.L. Member: Yes No

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 annual membership dues.

Annual Membership dues: Individual \$15 Family \$20 Student (under 18) \$5
Renewing? Please help update our database: What year did you first join? _____

Send the SCCARA-GRAM by first class mail for \$4.00 extra

I want _____ SCCARA badges @ \$3.00 each. Badge name & call: _____

Please send the repeater Auto-Dial codes (no charge, circle one): Yes No

Please send the repeater Autopatch codes \$10.00 (\$15 if family membership).....

A COPY OF YOUR LICENSE IS REQUIRED FOR ALL REPEATER CODES

TOTAL: _____

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

SCCARA membership POB 6 San Jose CA 95103-0006

SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION

P.O. BOX 6
San Jose, CA 95103-0006

Non-Profit Org.
US Postage
PAID
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San Jose, CA

Affiliate of the American Radio Relay League