# SCCARA-GRAM

Santa Clara County Amateur Radio Association (SCCARA)
Volume 8 Number 3

Organized in 1921 March 1992

# PRESIDENT'S MESSAGE

I must begin my article on a sad note. Ed Rawlinson WD6CHD was hospitalized and had major surgery. Get well soon Ed. We need you!

Wasn't that rain great. Lets hope there is more coming. My back yard is once again green. Our March meeting will be a good one. Doc W6ZRJ is our guest speaker, our "upgraded prizes" will be won by someone and I have some exciting ideas on tap for the business meeting. Incidentally, I will fervently strive to close our meeting by 2130. Nuff said.

Many thanks to Rod KB6ZV and Brad K6WR who were our speakers for the February meeting. In response to Brads comments concerning HR73 (LEGISLATION TO PROTECT THE AMATEUR RADIO SPECTRUM), Gene W6LYG compiled a list which tells you who to write. Thanks Gene.

In two weeks it will be flea market time again. Our storage locker is brimming with treasures but we need YOU to help us. Flea market date is 03/14. Call Gary WB6YRU or Frank AA6LL to help.

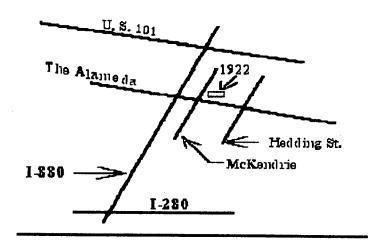
We recently held our first Membership committee meeting. Don, KK6MX is our membership chair. As a result of our meeting, our SCCARA hotline is greatly improved. Don plans to call all members that have not paid their dues to "get a feel" as to what SCCARA can do to keep our members. I still plan to continue the SCCARA UPGRADE HONOR ROLL. There were no upgrades for the month of January so YOU could be the first one.

# Next Meeting

Date; Time:

Place:

Monday 03/09/92 1930 - 2200 Approx. United Way Bldg. 1922 The Alameda



Agenda

The "Doc & Al Show" (W6ZRJ & W6VZT)
Presents; "How to Upgrade on the Air...
... Without Even Trying".

Also, Show & Tell time.

# Important Dates



03/09 SCCARA Monthly Meeting

03/14 Foothill Flea Market

03/26 SCCARA Board Meeting

03/27 SCCARAGRAM Deadline.

## PRESIDENT'S MESSAGE (Cont'd)

A technical committee meeting was held this month and the decision was made to disband the group. In its place will be our ELMER list plus SPECIAL COMMITTEES will be utilized as the need arises.

#### 73... Mike KB6LCJ

# AMTOR IN SCCARA'S FUTURE?

A proposal was submitted at the February board meeting to upgrade our HF station to accomodate DIGI-TAL MODES OF COMMUNICATION. Many hams in our club have used our HF station at Field Day, Special Events and at the Red Cross and have seen what a good system it is. With the addition of a TNC (terminal node controller) and a computer, the utilization of our system can be enhanced to include VHF and HF packet, Baudot and ASCII RTTY, and AMTOR. Doug WN6U has done a cost workup and has offered to install the system and TRAIN ANY MEMBER THAT IS INTERESTED in learning these new and exciting modes. The system, (an AEA PK232 and a 386SX) should remain current for at least five years and could encompass other technologies such as satellite etc. A plan will be presented at the March meeting.

# 73... Mike KB6LCJ

# SCCARA Committees 02/27/92

#### Repeater

Stan Getsla	WA6VJY
Scott Casper	KD6FTC
Trish Gibbons	WA6UBE
Wally Britten	KA6YMD
Ed Mangan	KB6DLB
Jerry Satiru	KB6ICS
Keith Butts	KN6K

# SCCARA Committees (Cont'd)

## Membership

Don Apte	KK 6MX
Doug Eaton	WN6U

#### Flea Market

Gary Mitchell	WB6YRU
Frank McCormick	AA6LL
Jim O'Keefe	WE6V
Don Village	K6PBQ

#### Field Day

Doug Eaton	WN6U
Gary Mitchell	WB6YRU
Lou Steirer	WA6QYS
Harold Welch	KK6ZE

## Flea Market (The day)

Gary Mitchell	WB6YRU
Frank McCormick	AA6LL
Keith Butts	KN6K
Doug Eaton	WN 6U
Dan Dietz	WM 6M
George Allan	WA60

#### Good and Welfare

Herb Himmelfarb KB6ABG

#### Red Cross Antenna

Wally Britten	KA6YMD
Doug Eaton	WN 6U
Bill Johnson	N6KMQ
Bill Brothers	N6ZPC
Gary Mitchell	WB6YRU
Don Village	K6PBQ
Don	KC6WNM

#### Sister Club

Jim O'Keefe WE6V

## SCCARA GENERAL MEETING FEBRUARY 10, 1992

February 10 General Meeting "minutes" as transcribed in the meeting place at the United Way Building 1922 Alameda Avenue.

The meeting was called to order 0732 p.m. by the president Mike Hastings KB6LCJ. Mike asked for a round of introductions by those present and this was done. Mike then proceeded by introducing Rod Stafford, KB6ZV, ARRL First Vice president ARRL as first speaker of the evening.

His topics about the recent Board Meeting. The subject of recent W.A.R.C. meeting in Spain. February 3 the 1992 World Administrative Radio Conference met in Torremolinos, Spain. The International Radio Union's, "we address ourselves through the ARRL," they are the one and only Ambassador with "credentials" from the USA! (Sounds kind of like the UN don't it!?) That meeting will last until early March. Ref. QST January page "Rod says there is a move (40 meters) from 7.00 to 7.30, in the region; to 6.9 to 7.1 and make it "exclusively" amateur! This would alleviate the broadcast interference 7.15 to 7.30. Rod now suggests that in the internal scene FCC of the USA must comply, directed from the international edict of WARC! Rod said preparations for the meeting have been going on for a year and a half. So last October there was a meeting, Telecom; was held in Geneva consisting of many of the WARC members now and the amateur delegation "lobbied" to the ITU (International Telecommunications Union) I find all this rather hard to keep up with don't you (Secretary's remarks)! Rod asked for questions. What about novice "bands"? Rod said probably they will just move, but that is not prescribed as yet. Rod carried on some good "banter" at this point, which I'm sure everyone enjoyed. Interesting point brought up concerning "the no code tech", who keeps tract? They are kept trackof by the ARRL. In the callbook

you can't tell the difference between a "tech" and a "TURBO tech" Rods description.

This was a good presentation to about 0825 p.m.

The next speaker was Brad Wyatt K6WR and I invite you to read my report else-where in the SCCARA-GRAM as part of the "minutes", but respond to it by writing to your representative, please.

At this time, after a break, it was asked for the last meeting minutes, as reported in the SCCARA GRAM be approved. It was. Thank you.

Treasurer's report requested: no "specificity" Stan says at this time.

Health and Welfare: Herb no one called. So if you want to report some members "disability" (even your own, don't be shy). Call Herb KB6ABG (408) 226-2919.

Ham radio "classes": Frank AA6LL reports that there are about nine or 10 in the class. "Says Jim and I are working with some nocoder's also."

Flea Market report: Gary WB6YRU reports the storage locker is almost full. If you have something to donate, call Gary or Frank. Remember! March 14 is the flea market. Please call Gary and schedule your help with pickup truck to load "stuff" to go! Also the club will "SPONSOR" a flea market in June!! Frank wants two people to come to the next one (and more) to just "oversee" how the "Market" is "managed" in preparation for June. Good idea!

Technical Committee: Mike announces that they will meet Feb. 24 (Monday) 0745 at Red Cross. Please come, those involved, and get "oriented".

Repeater Committee: Stan reports a problem associated with our current WX. Decrease in sensitivity. Perhaps water in a connector; would then rather wait until favorable condx on the site. The "new" repeater codes are in effect today. He further suggest Trish will bring to a future meeting a "Service" instrument and check PL levels etc. Discussion followed about little

use of 450 rpt. Very low level and not connected to 2 meter repeater. If you call CHP it will be a long wait because they "Consolidated" up north a long distance toll call for the repeater also. As somebody in the audience? suggested; it might be better to ask somebody on the rpt to telephone from his location; your story?

Membership: Don KK6MX, Bob N6PCQ "hot line", Doug WN6U helping out. Don is planning to set up a table at the flea market (next to Gary) with "flyers" to appeal to the multitude. Mike says he and Don will collect "DATA" reflecting the size of the club and those "VARIABLE" effects.

Antenna installation (Red Cross building) Wally KA6YMD say's one problem is that one coil seems to be way-out of adjustment? Compared to the other two bands. Followed by a discussion; "technical" of sorts. Mike interjected that, we got it we'll try it; if it doesn't do the trick for us and we've got it so let's see how it works. did not hear anyone answer Wally's question? Surely, with all the experts on antennas. Help Wally! I think he said it is 4BTV? I certainly believe his judgment. look at it and advise him of the "adjustment". It very likely is critical, if it is the "largest" inductor. After it's up, we can test the result and I think the Red Cross is moving in June and we'll know all answers then!? 0925 p.m.

Special Club: George WA60 reports that the "paperwork" has been mailed. Further special service club, means that "services" can be done, such as granting WAS by checking the cards that are presented. To earn this right you have to meet the criteria, (10 or 12 things) training, public service. etc. Expect to hear more in a month.

The 10 meter net is doing well (16 check-in's) please join them, Thursday night 200 p.m. 28.385 Mhz.

Look in the SCCARA GRAM for info about club sponsored QSL design contest.

Adopt a club: reported by Jim WE6V. He has information about clubs, in what was formerly Russia; you might understand that in the past, they were not encouraged. I think in my experience, I sent QSL's to one address, only. Box (something) Moscow USSR!

Field day: Mike say's Lou WA6QYS has done it very well for two years and can be relied upon for expertise. Doug WN6U is on the committee, also. Gary WB6YRU is a volunteer. Mike asked for others to join in and be involved with the planning. No response at this time.

Old business: We are scheduled for June 13. We set up the night before. Collect tickets, sell doughnuts and hot dogs. Thank you letter was sent to Sy Stein WA6ROM, Harold Silva, N6NDB and Bob Underwood AA6BT. They will receive the SCCARA-GRAM for one year. following good guys volunteer! Gary WB6YRS, Frank AA6LL, Keith KN6K, Doug WN6U, Dan WM6M, George Somebody said it was a WA60. and I can't be sure, even double?! with a recording? So if you feel left out, complain about that, when you get to the flea market to work. Hi!

Ed WD6CHD asked about the motion that was "tabled" at the last meeting. So much discussion followed. It was discussed at board meeting. I think it was resolved. To "thank you letter" and SCCARA GRAM for a year.

Mike asks "what could be done about our nets to make them more interesting"? Suggestions were to play "Newsline" answer; already done by many outlets. When checking in, give QTH. Ans. will ask Joe about that. Keep the net open longer, so those who pass messages can make contact with them, later, before it closes down and they all ("go away").

Come to the next meeting Doc W6ZRJ will deliver a Super Program of interest to all grades and ages!! Meeting adjourned 0946 p.m.

Submitted for membership approval Gene W6LYG

# 1992 DUES

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# Santa Clara County Amateur Radio Association 1992 Elmer Survey

The following list of topics covers most areas of interest in Amateur Radio these days. If you have a desire to help fellow SCCARA club members, please indicate those topics you have some knowledge about and return the form to the club mailing address. We will be putting together an "ELMER" list from the responses to be handed out to all members who want it.

A	=	Antennas, construction and installation
		Homebrew projects and construction
		Contesting techniques
		DX interests
E	=	Emergency operating/preparedness
		VHF/UHF FM operating (repeaters, etc.)
		TVI/RFI help
		HF operating techniques (SSB,CW)
		IBM/APPLE computers in the shack
		Mobile operating
		Lightning protection and grounding
		Morse operating and installations
		NTS and traffic handling
		Satellite operating (OSCAR, AMSAT)
		Packet (HF/VHF/UHF)
		HF QRP (all modes)
		Other digital modes (AMTOR, RTTY, R/C)
		Study help for upgrading (theory or code)
		Television, fast and slow scan
		VHF/UHF weak signal operating (SSB,CW)
		Other areas not listed above (please describe below)
		one with the rest was to the product describe below,
NA	ME	::CALLSIGN:
PH	ON	E:(DAYS)(EVENINGS)
AF	EA	S OF INTEREST (list by letter as shown above)

If you wish to share your knowledge with your fellow hams, please fill this in and return it to any club officer at a regular meeting or mail it to:

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

# REPEATER COMMITTEE REPORT 2/28/92 de WA6VJY

We have had a noise problem recently at the repeater site. This manifests itself as a raspy 60Hz buzz which occasionally keys up the repeater. It seems to be particularly noticeable during wet weather. We will try to track down the source and encourage PG&E to come out and correct it, should it turn out to be from a power line.

I KNOW that power lines can be a source of noise! I had S9+60 noise last week in my back yard coming from the pole which has the stepdown transformer on it for my service drop. Standing under the pole, I could not copy the repeater, but in my front yard I could hear it full quieting. My neighbor came over to ask me if I was transmitting anything since his TV was wiped out on all channels 2-6. I immediately went over to look at Sure enough, there were two horizontal bars of noise rolling slowly up the screen (a SURE sign of power line related noise). went to get a sledge hammer from the garage and gave the power pole a couple sharp raps. My neighbor came out and reported the noise had disappeared! (We probably have a slightly loose connector somewhere on the pole.) My neighbor was amazed that such a thing could be located by beating on telephone poles! I will keep you posted as to the real outcome (whenever it is that PG&E comes out to tighten the nuts and bolts..)

73 de Stan WA6VJY

# TREASURER'S REPORT 2/28/92 de WA6VJY

Currently we have 210 members, over 55 of whom will be delinquent at the end of March. If your name appears on the list below and you have not yet paid your dues (\$15.00 basic membership), this will be the last issue of the SCCARA-Gram you

will receive.

The club mailing address is listed on the back page of this (and every) SCCARA-Gram. If you do wish to renew your membership (or if you wish to join SCCARA), please take a minute to fill in the 1992 DUES form. Then turn it over and fill in the ELMER survey if you would like to make your talents and knowledge available to your fellow member hams.

It's not too early to start thinking about Field Day '92. Mark your calendar on the 4th weekend in June (the 27th. and 28th.) We will again be at Mt.Madonna County Park. Look for articles describing Field Day activities in future issues of the SCCARA-Gram.

The following members have not yet renewed their membership as of today: Gene Arnold Bob Lusk N6AZL KD6BQH KC6CEH N6DUU KB6ETA N6FBA KC6FGW WB6FRM WA6GAU KB6HRN KA6IWA N6IZE KB6JLI KN6K K6LHQ WA6LQO AE6M WB6MGR W6MKE N6MWD KC6NBS KB6NNZ KC6OGE KC6OGF KB6OHM WB6ORU KB6PDA WA1PMF KJ6PO KA6PRV KG6PY N6RCF N6RED KC6RSD KC6SAU KC6SPB KI6SR KJ6ST WB6TAK WA6TBT KC6TCV KC6TFQ KB6TO KC6TOZ KC6TVP KB6UBC N6UEZ N6UNE KB6UOO KA6UUS KC6VPZ KC6WCK N6XME KC6YDD N6YJD WA6YRU KC6ZKU.

If your name is on this list and you know you HAVE paid your dues, please give me a call.

73 de Stan WA6VJY SCCARA treasurer

#### WANTED

The Children's Discovery Museum in San Jose is in need of a donation of a small Shortwave Receiver on which the children can listen to Foreign Radio Broadcasts. Something like an old Hallicrafters S-38 series should be ideal for them. If able to help, please call Don Village, K6PBQ 408-263-2789.

#### SCCARA EQUIPMENT SURVEY

A discussion regarding club owned equipment was brought up at the board meeting. Our "most valuable" items are recorded on our ARRL insurance forms but there are many things that are located at member homes for the lack of a better club storage space and are not documented other than word of mouth. Your club prez. has the "broken tube award", Stan WA6VJY has the club coffee pot and so on. Please get in contact with Gary WB6YRU or Mike KB6LCJ if you can help us develop a master list. Our plan is to first determine what we have and then look for a common storage site. Most likely would be to rent a bigger locker and combine with flea market items or perhaps have two lockers. Got ideas? Let's hear them.

73.. Mike KB6LCJ

## GOOD AND WELFARE

Thanks to Joe WA6DXP, Gene W6LYG and many others who called to tell me of the successful bypass surgery performed on Ed Rawlinson WD6CHD. By the time you read this, Ed will be home from the hospital. I'm sure he would appreciate a call on W6UU, 146.385+, the club frequency. See you soon ED.

73.. Herb KB6ABG

# SUPPORT LEGISLATION TO PROTECT AMATEUR RADIO SPECTRUM

At the last general meeting of SCCARA our 2nd speaker was Brad Wyatt, K6WR, Vice Director of the Pacific Division, ARRL. I feel we should follow up on his words. I confess I had not thought about the issue he presented and I think there are many like me, so I did

some research on the subject. (Brad helped me to get started)

LEGISLATION TO PROTECT AMATEUR RADIO SPECTRUM

On January 3, 1991 Tennessee Congressman Jim Cooper, with the active support of the ARRL proposed H.R.73.

"The FCC shall provide equivalent replacement spectrum to the Amateur Radio Service for any frequency reallocation after Jan 1, 1991." (briefly stated)

Please read March 1991 QST pg.41 for details about HR73 in the House of representatives.

Senate Bill S1372 was introduced by Senator Al Gore on June 25, 1991 (virtually same as H.R. 73). Please read QST April 1991 pg.62 for info.

QST Jan.1992 pg 16 says how well it's going, but we need to continue writing. Over 160 representatives and 20 senators have cosponsored their respective bills. If you are wondering what to say, take a lead from the floor statement of Representative Jim Cooper (see April 1991 QST pg 62).

If you live on the west side of Santa Clara and south (Gilroy) write to: Norm Mineta (H.R.73) House office Building. Washington D.C. 20515-0513

John Seymour Senate Office Bldg. (SB1372) Washington D.C. 20510-0503

In west and north Saratoga (not Los Gatos) write Tom Campbell (12th Dist) Washington D.C. 20515-0513

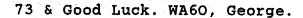
In the southern Alameda and Eastside S.J. write Don Edwards (10th district) Washington D.C. 20515-0510

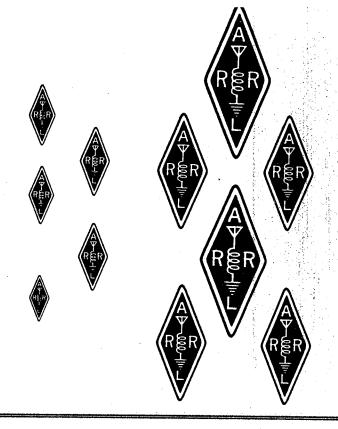
Please send a copy to Perry Williams WlUED, Washington Area Coordinator, 225 Main St. Newington, Ct. 06111.

73 Gene W6LYG - Secretary

# SCCARA OSL CARD CONTEST

The QSL Committee will choose a winner based on originality and keeping with the intent of conveying the unique Santa Clara County image. the card MUST include the SCCARA and ARRL Emblems. An entry deadline hasn't been set, yet. So go ahead and get a jump on the rest of the field! One other detail: the design should be such that it will fit on a standard postcard of  $(5 \frac{1}{2}$ " X 3  $\frac{1}{2}$ "). ARRL Emblems have been included here for your use in the design. I suggest using a circle of the appropriate size to depict the SCCARA Emblem.





#### ESTATE SALE

EQUIPMENT	ORIG COST	EQUIPMENT	ORIG COST
1 UNIMETRICS DIGISCAN-8 LAFAYETTE PB150	\$ 175.00	1 BIRD THRULINE WATTMTR	200.00
1 PAKRATT PK-232 RADIO	\$ 441 71	1 HEATHKIT MON. SCOPE	100.00
(includes software, AC Adapter & Manuals)		1 RM 535A OSCILLOSCOPE	600.00
1 KWM2, 2W PWR SUPPLY, EXT. VFO - COLLINS	\$1,400.00	1 TYPE 1001A SIGNAL GEN (GEN'L RADIO)	300.00
R-3911URR RECEIVER 500 KHz-32 MHz,		l LAMBDA REG. PWR SUPPLY	150.00
TRAVEL CASE, MOBILE RACK & PWR SUPPLY		1 HEATHKIT VECTORSCOPE	200.00
1 MULTI 2000 VHF RCVR	500.00	1 HP MODEL 400DR VTVM	200.00
1 ECHO 70 UHF	525.00	1 NPC MODEL 108R PWR REG	50.00
1 ATLAS 210X RCVR	575.00	l STROBTAC - TYPE 631-BL (GEN'L RADIO)	25.00
1 ATLAS 180 RCVR	450.00	1 10 MTR PRE-AMPLIFIER	?
2 CLEGG FM-21'S @	360.00	1 SANYO 4-CH. DECODER AMI	? ?
2 WILSON HT'S W/CHGRS @	500.00	(QUAD STEREO)	

Contact Peg Towns, Home: 408-867-9786 Work: 408-559-2260

# SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION

CLUB OFFICERS								
PRESIDENT	MIKE HASTINGS	KB6LCJ	243-6745					
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TREASURER	STANGETSLA	WA6VJY	275-0735					
	477 PAMLAR AVE	. SAN JOSE	CA 95128					

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WB6YRU	408-265-2336							
K6PBQ	408-263-2789							
WAGQYS	408-241-7999							
WA60	408-446-0140							
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MAILMAN	TONY SANCHEZ	K6MOB	296-6676				

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#### REPEATER COMMITTEE CHAIRMAN STAN GETSLA WA6VJY 408-275-0735

CALL

**W6UU** 

2 METER

146.385+

440

442.425+ (PL) 107.2

Nets are held every Monday evening at 19:30 sharp. except for the second Monday which is our meeting night

STATION TRUSTEE

JEAN "DOC" GMELIN W6ZRJ 408-973-8583

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SCCARA HOTLINE 249-6909

**ARRL CLASS HOTLINE 971-1424** 

ARRL VEC HOTLINE 984-8353

# SANTA CLARA COUNTY **AMATEUR RADIO ASSOCIATION**

Affiliate of

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TIME DATED BULLETIN