

# SCCARA-GRAM

Santa Clara County Amateur Radio Assn. (SCCARA)  
Volume 7 Number 4

Organized in 1921  
April 1990

## PRESIDENTS MESSAGE

None this month.

## TREASURER'S REPORT de KB6ICQ

Another month gone by! I finally have some progress to report on the sale of the stock. SCCARA received a check for the Bell South stock we owned. I have requested the forms that we need to liquidate the rest of the stock and they should be here soon.

I found out that all the telephone companies use the same legal department and decided to liquidate one company first as an example for the other companies. The legal department wanted us to supply letters that we could not supply. They asked for a bank or broker to certify that George WA6D and I could legally request the stock be liquidated for SCCARA. I talked to their representative for about 1/2 hour and finally reached an agreement on what documents we could substitute for the certification by a bank or broker.

Shorty has been going forward with the plans for Pacificon '90. He has signed a contract with the hotel and is proceeding with plans. He is getting the advertising ready and already has a classified ad that will appear in the next issue of Worldradio. DON'T FORGET TO MARK OCT 12,13 & 14 ON YOUR CALENDAR.

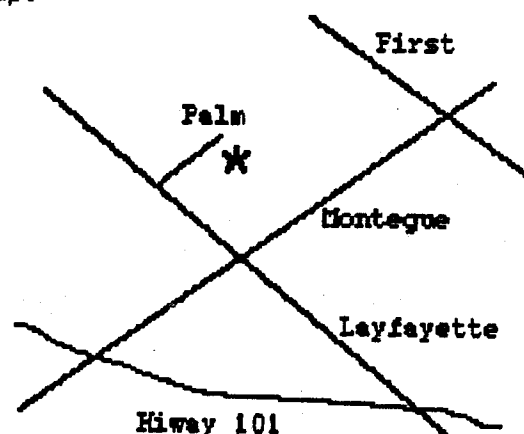
## REPEATER COMMITTEE REPORT de WA6VJY 3/29/90

The committee had a meeting this last Monday to discuss installation of the new hardware we have purchased,

## NEXT MEETING

Date: Monday 04/09/90  
Time: 1930- 2200 approx.  
Place: Agnews Facility. Located on Palm Avenue just a bit East of the intersection of Montague and Lafayette.

Map:



## SPEAKER

Our guest speaker this month is  
S. Marti-Volkoff who is a

## FCC FIELD ENGINEER.

Learn about the FCC and what they do in our area.  
lets see a good turnout to show that we are an interested group.

Please note that this message is a repeat. Seems that our speaker got sick last month.

## MEETING AGENDA

- \* Field Day Update
- \* Pacificon
- + Repeater Status

along with other repeater related topics. Present were: Stan WA6VJY, Trish WA6UBE, Wally KA6YMD, Ron N6VUW, Ed KB6DLB, and Keith KN6K.

The modifications to our repeater system I proposed last August are quite a bit closer to reality than a month ago. All the proposed hardware has been ordered. The new controller (another RC-85 like the one we already own) has been delivered. The new antenna and feedline are due in from the east coast sometime within the next 2 weeks.

Trish WA6UBE and I are in the midst of designing all the circuitry necessary to install the controller in the GE repeater we own. It will be assembled and tested in the radio shop where Trish works prior to installation at the repeater site. We do NOT want to rush things too much as that would probably lead to a 'hairball' installation without adequate documentation. We do want complete schematics and test data prior to completing the installation. This will make any maintenance much easier on the new hardware than it is now on our current installation. (If you have seen the snapshots of our current hardware, you will understand what I mean!)

The interference we have been experiencing lately around dawn and sunset hopefully will be reduced with the new equipment. Thanks for your patience. We hope to have a MUCH improved machine in the near future!

Last month I mentioned a few places where PL encoders might be purchased. I neglected to mention, however, that Quement Electronics sells PL options for those brands of rigs they carry. Check with Tom KB6LUC behind the counter in the Amateur Radio department for details. 73, Stan

WELCOME & CONGRATULATIONS  
de KB6ICQ

SCCARA has six new members this month. Five of them attended our March meeting and gave me their dues at the meeting. They are David Rink and Dennis Kottke (students in JD's class



NEW MEMBERS: Left to right standing David Rink [SWL in JDS class], Bob Arasmith NOARY, Bob Chortek KK6HJ. Sitting Jerry Duret N6XEG, Dennis Kottke [SWL] \*\*\* WELCOME \*\*\*

currently working on becoming hams), Jerry Duret N6XEG (who attended JD's class and is a new general class), Robert Chortek KK6HJ/AE, and Bob Arasmith NOARY. The last new member was a complete and welcome surprise. Harvey Sefried N6QHA put off sending in his dues to the last minute, but he had a good reason. He wanted to sign up at the family rate but wanted to wait until he knew the new callsign for his family member. Anita (his wife) in a new novice and her call is KC6GUY. This was a complete surprise to me as she did this on her own and did not attend our class. CONGRATS Anita!!

More congrats are in order for current club members. Don Apte finally got his tech call from FCC and is now known as N6YBX. Also receiving new calls for their upgrades to tech are Sean McNulty N6XVS and his dad Michael O'Connell N6XUY. And last but not least Tom Hambleton N6WIJ passed his advanced test. Congrats to all and don't forget to let me know of your upgrades and new calls so you too can receive congrats from your fellow club members.

I would encourage all new MEMBERS to GET INVOLVED. That is how our club remains active. EDITOR

A SPEEDY GET WELL, PLEASE  
de KB6ICQ

Please join me in wishing a speedy get well to Sally Ortega N6QHP. Randy KK6BO had to rush her to the hospital for emergency surgery on March 21. All went well in the surgery and she came home in record time. Now she has the long (and frustrating) wait as she completes her mending at home. The doctors told her to expect a six to eight week recovery period at home before she can go back to work. WE ALL WISH YOU A SPEEDY GET WELL, SALLY!!!

DISCOVERY MUSEUM

San Jose's new Children's Discovery Museum will be opening April 3. They offer 12 hands-on exhibits for children, one which is in communications. In the



communications exhibit there will be a permanent ham radio station. We are looking for hams who will be willing to operate this station at various shifts.

This is a great opportunity for the children as well as amateur radio. We will have a Special Event station in June for the Open House and we plan to talk to the Ham Astronauts during the SAREX program twice this year. If anyone is interested or wants more info contact:

Ben, W6SKE @ N6LDL, or 395-4463  
or  
Randy, KK6BO @ N6LDL, or 264-5870

## LOCAL PUBLIC LIBRARYS HAM MAGAZINES:

CAMPBELL (Open Shelves):	
QST	3 Years
CUPERTINO (Open Shelves):	
QST	1944-1959
	1960-1977 microfilm
	1978-1984
73	5 Years
LOS ALTOS:	
QST	4 Years
LOS GATOS Memorial:	
QST	Current year only
CQ	1982+
MOUNTAIN VIEW:	
QST	10 Years
PALO ALTO:	
QST	15 Years
CQ	5 Years
SAN JOSE (downtown):	
QST	1947+
CQ	1976+
	Ham Radio 1968-1980 microfilm
SANTA CLARA:	
QST	10YEARS
CQ	Current year onl
SARATOGA (Open Shelves):	
QST	1989+
SUNNYVALE:	
QST	1945+

Nice list of libraries carrying Amateur radio magazines. Thanks go to Bob AA6BT (Editor of the EMARC newsletter).

A Clinical Discussion concerning the  
Crazy Things Hams Say

STATEMENT: \* This is K6KGAB and we're destined!!

DISCUSSION: \* Lets see now. What's Webster (as in Dictionary) have to say about the word DESTINATED.

Well I'll be darned.... It's not there. Planned to visit the main library in Santa Clara and check the unabridged version. Gollee..... It's not there either. I'll try my spellchecker under Professional Write. Nada!!

I wonder if any hams have considered having it added.

And then we come to "we're". Do you think he has his wife, girlfriend, kids, dog etc. with him? Not necessarily.

Could it be his radio?? Naw!!! Or  
could it???  
Tune in next month for some more  
titillating tidbits... Editor

1ST ANNUAL LAKE COUNTY  
Ham & Computer Swap  
May 5, 1990 7:00AM till ????  
at the MOOSE LODGE HWY 29 & HWY 53  
CLEAR LAKE OAKS CA.  
Breakfast Snacks Soft drinks  
Cocktails beer  
Booth space \$10.00  
near beautiful Clear Lake

FOR INFO CALL

TOM N6GJM 1 (707) 274 - 1401  
NICE, CA.

BOB WA6MLG 1 (707) 998 - 3203  
CLEAR LAKE OAKS

TALK IN FREQ. 146.775 KA6JJW/R  
MT. KONOCTI



Those NEW YORKERS do it right!!!!

VACA VALLEY RADIO CLUB  
HAM RADIO SWAP MEET  
WHERE: ELMIRA FIRE STATION, ELMIRA,  
CALIFORNIA  
DATE: SATURDAY APRIL 28

TIME: 7:00 am to 3:00 pm

INDOOR TABLES \$10.00 OUTDOOR SPACES  
\$ 7.00

\*\*\*\*\* BUYERS FREE \*\*\*\*\*

HOW DO I GET THERE??????

FROM SACRAMENTO TAKE HIGHWAY 80 WEST TO  
MIDWAY ROAD AND FOLLOW THE SIGNS.

FROM SAN FRANCISCO AREA TAKE HIGHWAY 80  
EAST TO MASON STREET/ ELMIRA ROAD AND  
FOLLOW THE SIGNS.

FROM CONCORD AREA TAKE HIGHWAY 680 TO  
HIGHWAY 80 EAST TO MASON STREET /ELMIRA  
ROAD AND FOLLOW THE SIGNS.

\*\*\*\*\*TALK IN FREQUENCIES\*\*\*\*\*

146.52 SIMPLEX 224.200 - NO PL 440.025  
+ NO PL

FOR FURTHER INFORMATION ABOUT THE VACA  
VALLEY RADIO CLUB OR THE APRIL 28TH  
SWAP MEET, CONTACT BILL ALBER, WA6CAX  
AT (707) 422-5000 OR BILL NORTHRUP,  
WX6F, AT (707) 447-2680

OR WRITE TO:

VACA VALLEY RADIO CLUB 419 MASON STREET  
DRAWER 512, SUITE 126 VACAVILLE,  
CALIFORNIA 95688

OK OK So your editor likes Ham  
Radio Flea Markets.

That was really a fun Flea market.

JD K6YKG made it out there for a while. It was good to see him....

Lets hope he has recovered enough to make it to our next meeting.

Can you believe that people will buy that stuff laying on the ground???

If you have items to donate to our flea market effort, give Jim WE6V or Frank AA6LL a call. Talk to us before you throw it out.



A soggy March Flea Market. It must have really been a bust... WRONG!!! SCCARA made over 400 clams out there in the rain, wind and cold. I see Keith WB9KHL, Jim WE6V, Don [is that really you??] K6PBQ and Gary WB6YRU. Special thanks to Gary for the donations that brought our take up considerably. There is one other fellow with an umbrella. Sorry if I skipped you.  
EDITOR

#### ATTENTION NON-MEMBERS OF SCCARA

This complimentary copy of the SCCARAGRAM is our invitation to join SCCARA. Please send your check for dues and your mailing label on the back page to SCCARA, PO Box 6, San Jose, CA, 95112. Be sure to make any corrections needed and add your phone #, license class, and ARRL membership status. Also list the same info along with their name(s) and call(s) of any family members wishing to join with you. The yearly dues are \$5.00 for students under 18, \$15.00 for individuals and \$20.00 for families (hams living at the same address). The dues are 1/2 the yearly amount from July thru December. Let us also encourage you to come to a meeting or class (you need not be a member to attend). Our hotline at 408- 249-6909 has more info on time and place.

73 de SCCARA

#### *An Upgrade's Prayer*

Now I set me down to study  
I pray the Lord I won't go nutty  
If I should fail to learn this junk  
I pray the Lord I will not flunk  
But if I do, don't pity me, Jack  
Just lay my bones in the radio shack

Tell my elmer I did my best  
Then pile my gear upon my chest  
Now I lay me down to rest  
And pray I'll pass the coming test  
If I should die before I wake  
That's one less test I'll have to take

Willie Phlunkett SMARC SPARKS 4/89

## **AMATEUR RADIO POST 380**

# **J-POLE ANTENNAS**

**(144 MHZ, 220 MHZ, 440 MHZ)**

Amateurs Radio Post 380 was the idea of John Hallyburton, W6BCY (Silent Key), and Bob McLain, K6IFT. John had been an active amateur radio operator and a member of the American Legion for many years and his activities in both organizations prompted his contention that uniting both Amateur Radio and the American Legion, resources could be drawn from both organizations beyond their individual public service benefits.

To our knowledge, this is the only American Legion Post exclusively made up of Amateurs in the world. The Post was organized in 1983 with a charter membership of 26 Hams. Its purpose was to be a public service Post and serve as a communication team for emergency, public and private functions. It has handled communications for such events as the Veteran Day Parade, Norcal Band Reviews, the Milpitas 10,000 races, and the Hobie Cat Boat Races. Individual post members have helped in communications for the Special Olympics, California Department of Forestry during the Lexington Fire and participate in the Red Flag fire patrols.

### **ABOUT THE J-POLE ANTENNAS**

This project was started by John Hallyburton, W6BCY, to support the Post charitable endeavors such as outfitting schools, public safety buildings and hospitals with J-POLE antennas that could be used in an emergency. Most of the schools, public safety buildings and fire stations are so equipped now in the Sunnyvale area.

The J-POLE is a  $1/2$  wavelength antenna with a  $1/4$  wavelength matching section. The unique coupling and the small radiating element and diameter-to-wavelength ratio gives its broadband characteristics. Typically it will measure a VSWR of 1.5 to 1 over the desired bands. The simplicity of its design and construction lends to durability and low maintenance. It does not require a ground plane since the elements are at ground potential. It offers some measure of lightning protection if mounted to a good earth ground such a metal drain vent pipe.

The J-POLE antennas can be had for a \$15.00 tax deduction donation to the American Legion Amateur Radio Post 380.

### **ADJUSTMENTS**

Normally the J-POLE should not require adjustments since it is set up for optimum VSWR when received. However, the VSWR adjustment is made by moving the insulated wire between the  $1/2$  and  $1/4$  wave sections.

### **APPLICATIONS**

For portable use, the  $1/2$  wavelength section may be cut and the ends threaded and fitted with a  $1/4-20$  coupler. This makes it easy to carry in a suitcase for instance. The supplied aluminum handle affords easy mounting to many devices. Drilled and taped at the bottom with a  $1/4-20$  tap, it will fit a photo tripod. As is, it could be inserted into a microphone stand or, with suitable clamps, made fast to a house vent pipe. Care should be taken when attaching or removing the coax cable to prevent the base connector loosening.

### **CAUTION**

AS WITH ALL ANTENNAS AND MASTS INSTALLATIONS, EXERCISE EXTREME CARE WHEN INSTALLING THESE DEVICES WHERE THE ANTENNA MAY TOUCH HIGH TENSION WIRING OR HOUSE SERVICE ELECTRIC LINES.

### **INVITATION**

If you are a licensed Radio Amateur and a United States Veteran, we welcome your investigation of joining Amateur Radio Post 380.

## **AMERICAN LEGION**

**AMATEUR RADIO POST 380**

**(408) 734-8061 or (408) 257-2464**

# 1990

## SCCARA CALENDAR OF EVENTS

### January

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

### February

S	M	T	W	T	F	S
				1	2	3
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25	26	27	28			

### March

S	M	T	W	T	F	S
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

### April

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22	23	24	25	26	27	28
29	30					

### May

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27	28	29	30	31		

### June

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17	18	19	20	21	22	23
24	25	26	27	28	29	30

### March

22 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### April

9 7:30pm SCCARA MONTHLY MEETING  
14 Foothill Flea Market  
26 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### May

12 Foothill Flea Market  
14 7:30pm SCCARA MONTHLY MEETING  
24 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### June

9 Foothill Flea Market  
11 7:30pm SCCARA MONTHLY MEETING  
23 FIELD DAY JUNE 23 + 24  
28 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### July

9 7:30pm SCCARA MONTHLY MEETING  
14 Foothill Flea Market  
26 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### August

11 Foothill Flea Market  
13 7:30pm SCCARA MONTHLY MEETING  
23 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### September

8 Foothill Flea Market  
10 7:30pm SCCARA MONTHLY MEETING  
27 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### October

8 7:30pm SCCARA MONTHLY MEETING  
12 PACIFICON 90 10/12-10/14  
25 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### November

12 7:30pm SCCARA MONTHLY MEETING  
29 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### December

10 7:30pm SCCARA MONTHLY MEETING  
27 7:30pm SCCARA BOARD MEETING (ALL INVITED)

### July

S	M	T	W	T	F	S
1	2	3	4	5	6	7
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### August

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### September

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### October

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### November

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18	19	20	21	22	23	24
25	26	27	28	29	30	

### December

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION

\*\*\*\*\*

## CLUB OFFICERS

President	George Allan	WA6O	927-9921
Vice President	Jim O'Keefe	WE6V	284-4987
Secretary	Don Village	K6PBQ	263-2789
Treasurer	Kathy Getsla	KB6ICQ	275-0735

477 Pamilar Ave. San Jose, CA. 95128

## DIRECTORS

Herb Himmelfarb	KB6ABG
Bob Forster	N6PCQ
Shorty Freitas	AE6Z
Ed Rawlinson	WD6CHD
Lou Steirerr	WA6QYS

## REPEATER COMMITTEE

Wally Britten	KA6YMD
Keith Butts	KN6K
Stan Getsla	WA6VJY
Trish Gibbons	WA6UBE
Ed Mangan	KB6DLB
Ron Barderson	N6VUW

## SCCARA STAFF

Coffee	Stan Getsla	WA6VJY
Facilities	Lou Steirer	WA6QYS
Good+Welfare	Herb Himmelfarb	KB6ABG

## SCCARA-GRAM STAFF

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Photographer	Bob Keller	KB6OHO	252-2090
Data Base	Joe Quirantes	WA6DXP	371-0959
Mailman	Tony Sanchez	K6MOB	296-6676

## REPEATER INFO

Call	W6JU
2 Meter	146.385+
440	442.425+ (PL) 107.2

Nets are held every Monday evening at 1930 sharp, except for the second Monday which is our meeting night

## STATION TRUSTEE

Jean "Doc" Gmelin W6ZRJ

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**SCCARA HOTLINE 408-249-6909**

**ARRL VEC HOTLINE 408-984-8353**

## SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION

Affiliate of

American Radio Relay League

P.O. Box 6, San Jose, CA. 95103

Non-Profit Org.

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Permit # 3318

San Jose, CA.

**TIME DATED BULLETIN**

WD6CHD  
Rawlinson, Ed  
2619 Aragon Way  
San Jose, CA. 95125-5811