

# SCCARA-GRAM

Santa Clara County Amateur Radio Association

Volume 10, Number 4

April 1994

## President's Prose

I hope all of you made it to the March SCCARA meeting. Those of you who didn't come missed a very good talk and demo on Radio Direction Finding. Many thanks to Don Ferguson KD6IRE for a very interesting program.

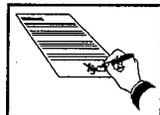
The April 9<sup>th</sup> flea market at Foothill College is fast approaching, and is being sponsored by SCCARA. We could still use a few more volunteers for the food stand and other areas, so if you can spare a couple hours of your time please give Lou Steirer WA6QYS a call. The work is easy and the shifts are only two hours long.

The April SCCARA meeting will be a bit different... it's going to be a dinner meeting and the whole family is invited. The menu will include lasagna, garlic bread, salad, soft drinks and coffee. Location will be the regular meeting spot at the United Way building and the cost will be \$5.00 per person. Please bring the XYL/OM and the kids too.

The Novice/Technician class that the club sponsors is about half over now and seems to be going well. We still don't have as many students as we'd like to see, so for the Fall class I'd like some ideas on how we could reach more potential hams and let them know about us. Please contact Mike, KB6LCJ or me if you have any thoughts.

See you all at the dinner meeting on April 11<sup>th</sup>.

73 and good luck,  
de WN6U.



## Calendar

- 4/9 Flea Market at Foothill--We sponsor!
- 4/11 SCCARA General Meeting--dinner!
- 4/25 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 5/9 SCCARA General Meeting
- 5/14 Electronic flea market at Foothill

### Next General Meeting

- Day: Monday, April 11, 1994
- Time: Start serving at 7:00 PM
- Place: United Way Building
- Agenda: Dinner meeting--lasagna with fixin's, \$5 ea, bring the family.

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.

NEW LOCATION! The San Jose Red Cross: South-West corner of North 1<sup>st</sup> St. and Plumeria Dr., San Jose. Plumeria is two lights North of Trimble and South of Montague Expressway. From the South on I-880, take the 1<sup>st</sup> Street exit, go North. From the North on I-880, take the Montague (Trimble) exit, go West to Trimble then turn right (North) on 1<sup>st</sup>, (if you miss Trimble, just follow Montague then turn left (South) on 1<sup>st</sup>). From the South on US-101, take the Trimble (De La Cruz) exit going North, then turn left (North) on 1<sup>st</sup>. From the North on US-101, take the Montague exit going North/West, then turn right (South) on 1<sup>st</sup>.

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.

# Good & Welfare

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.

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

## OFFICERS and DIRECTORS

President	Doug Eaton, WN6U	377-3736
Vice President	Don Hayden, KC6WMM	867-4643
Secretary	Lloyd DeVaughns, KD6FJI	225-6769
Treasurer	Mike Hastings, KB6LCJ	243-6745
Station-Trustee	Stan Getsla, WA6VJY	275-0735
Director	Dan Dietz, WM6M	458-3460
Director	Don Village, K6PBO	263-2789
Director	Lou Steirer, WA6QYS	241-7999
Director	Stan Getsla, WA6VJY	275-0735
Director	Gary Mitchell, WB6YRU	265-2336

## STAFF

Database	Joe Quirantes, WA6DXP	371-0959
Editor	Gary Mitchell, WB6YRU	265-2336
Facilities	Don Village, K6PBO	263-2789
Historian	Jean "Doc" Gmelin, W6ZRJ	973-8583
Mailman	Tony Sanchez, K6MOB	296-6676
Photographer	Bob Keller, KB6OHO	725-1034
Welfare	Ed Rawlinson, WD6CHD	264-2988

## COMMITTEES

Repeater	Stan Getsla, WA6VJY	275-0735
Flea Market	Gary Mitchell, WB6YRU	265-2336

## SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

2 meter:	146.385 +
70 cm:	442.425 + PL 107.2

Phone patch capability is available with a small subscription fee. The two meter repeater is located in the Mt. Hamilton foothills, Alum Rock area. The 70 cm repeater is located at the Alexian Brothers Hospital, North of 280 and 101.

## SCCARA NETS

On our 2 meter repeater: Mondays at 7:30 PM, (not the second Monday--it's our meeting night). Net control: Joe WA6DXP.

On 10 meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally KA6YMD. Wally usually conducts the ten meter net from the SCCARA club station: W6UW, located at the San Jose Red Cross (N. 1<sup>st</sup> and Plumeria).

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

**SILENT KEY:** W6MKE, William (Bill) E. Walters, long time member of SCCARA, passed away March 18<sup>th</sup>. He is survived by his wife of nearly 60 years, Joyce, sons Bill, Charles, and John, and two grandsons. There were no funeral services, but there will be a memorial reception for relatives and friends on April 10<sup>th</sup>. He was an ARRL Life Member and a member of OSCAR in OQS. An IBM'er, he retired in 1976. Bill will be remembered for his willingness to help out wherever needed. People were much more important than DX'ing in his book. We'll miss you, Bill...

On a happier note, we were glad to see KE6HM, Cliff Furlow pictured in a Mercury News feature on the potential strike by SC Co Transit Workers. Cliff regularly rides transit since giving up driving and was right up front when the cameras rolled!

Also, we heard that K6RQ, Frank Glass gave a bang-up talk on antennas to one of those "other" clubs recently. I keep hoping he will again give the one he gave long ago to SCCARA featuring RF lighted fluorescent tubes and lots of gimmicks. Our new SCCARA members would like it!

If you have news of interest or about a SCCARA member, please call WD6CHD, Ed at (408) 264-2988.

73 de Ed, WD6CHD, Chile Hot Dog

---

## Estate Committee

SCCARA is forming a committee to help survivors of SCCARA silent keys to sell their amateur equipment. We especially need someone familiar with various radios and their value. If you are interested in donation of your time in discussions with survivors, selling, or pricing items please contact me.

Thanks, Don KC6WMM

# Treasurer's Treatise

Dues' busy season has nearly ended. As of 03/29/94, we have 140 members which is where we were (approximately) last year. Below lists those members who have not as yet paid their dues for 1994:

ADIARTE, MICHAEL, KD6MZL  
ANKNEY, NATHAN, KC6VJV  
ANKNEY, ERIK, KC6SPV  
AVINA, BOB, WB6VXA  
BOCANEGRA, JOE, WA6YRU  
BRADY, KIRSTEN, KD6QEJ  
BROTHERS, BILL, N6ZPC  
BUDWORTH, RON, KC6YPM  
BUTTS, KEITH, KN6K  
CARLSON, ERIC, KK6DA  
CHORTEK, ROBERT, AA6VB  
COLLIS, HUGH, J., KD6EFL  
DUCKETT, GENE, W6LYG  
EASTMAN, BILL, N6RCF  
ESKILSDEN, THOMAS, WB4WZW  
EVANS, MARTI, KD6FTJ  
FANELLI, ALEX,  
FANELLI, LAURA  
FURTADO, ARTHUR, KG6PY  
GIBBONS, TRISH, WA6UBE  
HALE, CHARLES, KG6A  
HELFFEN, MARK, KM6FM

KEHL, GLEN, E., KA6CVN  
LANCE, KENNETH, KD6ABI  
LARTON, SHEILA, KB6JUV  
MILLER, AL, N6VYI  
NOBIDA, MAX, AA6WF  
NOGUCHI, MILTON, KM6QV  
POMEROY, ED, KA6ACK  
POWELL, EDWARD, KD6ZJI  
PURSEL, ROBERT, N6IZE  
REGAN, NORM, WA6SJK  
ROSA, MANUEL, KA6IED  
RUBEN, IRA, AA6OF  
SERVER, TOM, KB6LUC  
SLIGER, HOLLY, KD6AVT  
SLIGER, ED, AB6NA  
STANSCH, HERSCHEL, AA6QY  
STUTZ, JACK, KC6JYS  
VAN DAMME, MICHAEL, N6MOF  
VICKONOFF, JIM, N6XGW  
WALTERS, BILL, W6MKE  
WINFREE JR. WENDI, KC6MYH

Please consider renewing soon since otherwise this is your last SCCARA-GRAM. The dues are used for good purposes. They include this newsletter, costs for our meeting place, Field Day, radio room expenses, and many, many more things. Please Think about it. And if you decide not to renew, we would appreciate knowing why.

73, Mike KB6LCJ, Treasurer

---

## Different Field Day

### 1994 FIELD DAY

June is getting close and I am putting the plans for field day together. We have had many successful field days in the past, but our operation has become monotonous and we don't have a lot of new challenges. This year, I have decided to make a few changes to the operation.

First we need to work on our publicity

points. In the past we have sent publicity information to the Mercury News and they have ignored us. This year we will try for more circulation. I selected Playboy Magazine since it is widely circulated and everybody reads it for the articles.

We will be operating entirely on alternate power sources. The tower on the trailer will be modified to accommodate a windmill. (Please sign up for the midnight working party at the Altamont Pass next week.) Of course with SCCARA's luck there won't be any wind. To handle this contingency, a second trailer will contain four giant fans and a nuclear power source to run them.

The trailer will also have to be modified for the new antennas. We will not be using dipoles or long wires this year as 3 element cubical quads (2 elements on 160) will be erected for all bands.

We will be running QRP pencil sharpeners and a little more power on the transmitters borrowed from the local broadcast stations.

The contact logging program has been slightly enhanced, so this year we will be using Cray computers. I just hope they will be fast enough to record the contacts which will be occurring at a blinding rate.

In the past we have had marginal success with satellite contacts, so this year we will launch our own bird in a geosynchronous orbit over Mt. Madonna.

A new rule awards extra points for extraterrestrial contacts. NASA has agreed to lend us a few antennas for this purpose.

Erecting all this equipment on site in the time allowed would be a problem. I have arranged the use of Moffet Field to erect the equipment at our leisure and then some Marine helicopters will lift it in tact and move it to the site on Saturday morning.

Last year we noticed many more mosquitos in the park, so I have arranged for a dome to enclose the entire operating area. I couldn't get separate climate controlled zones, so we will have to compromise on a temperature.

The food will be catered by EMILES. There will be a slight increase in the price. Don't forget to tip the waiter!

The ARRL has decided that the normal

field day message is too short and too easy to get. They have also want to save printing expenses. So this year, the field day message will be the entire 1995 ARRL Handbook. I will need some volunteers to work in shifts on this one.

The size and scope of our visitors center will be increased. Busses will leave every 15 minutes from the center to tour the transmitter sites.

I think with these small changes, 1994 will be a field day to remember.

Seriously, June will be here before we know it. I hope you plan to participate in the event. Come out for the whole weekend or maybe just a few hours.

73, Harold Welch, KK6ZE  
Field Day Chairperson

---

## Meeting Minutes

**Santa Clara County Amateur Radio Association  
General Membership Meeting, March 14, 1994**

7:35 Doug, WN6U, opened the meeting. Self introductions followed as is our custom.

Doug, WN6U, asked for a show of hands of those who would like to have a Christmas Dinner (as opposed to some other event).

Lou, WA6QYS, asked for help for the April 9<sup>th</sup> Flea Market which SCCARA will host.

Gary, WB6YRU, Parking is still \$1.00. Rumor has it that it is due to increase to \$2.00.

Tonight's speaker is Don Ferguson, KD6IRE, and his topic is Transmitter Hunting. Don discussed many aspects of Transmitter Hunting.

One of the things discussed was Why T-Hunt? There are several reasons why people T-Hunt: 1) learn new skill, 2) understand RF propagation, 3) competitive social event, 4) locate interference, and 5) search and rescue.

Don also discussed some of the problems associated with T-Hunts. One of them is the situation where there may be more than one signal being received by the hunter. This is known as multi-path or another way of saying it is that there are many signal paths from the transmitter to the receiver. The signal is reflected by structures or hills which causes it to arrive at the receiver from more than one direction.

Don also talked about the methods used in T-Hunting. They include 1) Doppler DF System, 2) Body Blocking, 3) Directional RF strength antenna, and 4) Signal Phase Detection Antenna.

Don suggested that if you plan to go on a T-Hunt that you may want to take along these additional items: 1) attenuator, 2) maps, 3) compass, 4) lights, 5) spare equipment, 6) binoculars, and 7) survival gear.

There are several types of Hunts and they include: 1) shortest distance, 2) Earliest arrival, 3) multiple Transmitters, 4) Team Hunts, and 5) Progressive hunts

The Basic rule of T-Hunting: the signal must be reasonably receivable at the beginning of the hunt. The most important parts of the hunt is the party after the hunt.

Another tool that can be used is APRS - Amateur Packet Reporting System, which can be used for direction finding.

Business part of meeting:

Next months meeting will be a dinner meeting. The cost is \$5.00 per person. Dinner will be at 7:00. The second monday in April.

Mike, KC6LCJ, gave the treasurers report. There are 140 members.

Ed, WB6CHD, requested that any good and welfare news be given to him.

The new Red Cross radio room will be ready in two weeks.

Don, KC6WMM, The Guest Speaker for May will be Tom Server of HRO who will talk about new radio equipment.

The board approved purchase of new 55 foot rigid tower.

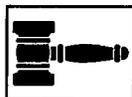
9:30 meeting adjourned.

73, Lloyd KD6FJI, Secretary

---

## Moved and Seconded

### March Board Meeting



We will be able to save a little on each issue of the SCCARA-GRAM. The editor has found that the newest copy machines will copy photos with adequate quality. This means the club photographer will no longer have to pay \$10 per sheet to turn them into half-tones first.

SCCARA's total savings is currently \$17643.

The Board voted to purchase the TS 700S two Meter rig from the estate sale for \$250 (less our commission of 60%) for the club station. Despite the fact that the rig comes without a manual or any accessories (just the "box"), it was felt this was too good of a deal for us to pass up. This purchase will be made once we've completely tested it.

Last year the club purchased two sets of ARRL books for the Campbell and Milpitas libraries. The Board voted to purchase two more sets this year for donation to libraries. At this point, Sunnyvale and Cupertino are front runners.

---

## Flea Market

### SCCARA sponsors the April one!

SCCARA will be sponsoring the April 9<sup>th</sup> Foothill HAM Flea Market. This is a great fund raising opportunity for the club. Many members have already signed up to work two-hour shifts at the food booth, but there are still some openings. If you would like to pitch in and help, give me a call at 408 241-7999. No experience necessary.

Some job descriptions: serving hot dogs, doughnuts, sodas, grilling hot dogs, making change, clean up, etc.

### TENTATIVE SCHEDULE:

0430 KK6ZE KD6FJI WB6YRU WA6VJY  
WB5VUL  
0800 K6PBQ KD6TOC WN6U KC6WMM  
KD6WXM WM6M  
1000 KB6LCJ KB6LFZ KC6PUQ KC6QOC  
KN6K KA6YMD  
1200 K6VIP WD6CHD W6ZM  
1400 W6ACW

Help in the afternoon would be most appreciated, so give me a call.

Thanks, DE Lou WA6QYS

---

### The March Flea Market

The first one of the year was unusually good for SCCARA--the weather was clear and warm, there were enough volunteers to transport everything in our locker, and we made \$511.68 net!

Thanks go to: Don KC6WMM who helped transport and sell (that full-size pick-up comes in VERY handy) and to one of our newest members, Ernie Nunez, who also helped transport. It's hard to believe, but we were all packed pretty much to the gills. That locker sure holds a lot of junk... er... valuable items. Don K6PBQ also stopped by to help sell for a little while.

Last month I reported that the parking fee had gone up to \$2. This came from more than one reputable source; however, it turned out to be NOT TRUE. Evidently, the rumor mill is in good working order! The last I heard was that they *wanted* to make it \$2, but haven't been able to put in new vending machines or modify the existing ones... stay tuned. The bottom line is: at least for the time being, it's still \$1 (bring quarters).

In terms of starting time, this one picked up where last year's flea markets left off: I showed up at around 4:30 A.M. [sic] and had to wait in line!

As if that weren't bad enough, from the street it looked like the darn place was half full. I never cease to be amazed... before long, they'll have to rename it to *the midnight flea market* or *the flea market for crazy people*. Perhaps they should put up a sign: WARNING: Long term exposure to old electronic stuff may cause your mind to go all funny! ☺

Despite good sales, our locker is nearly full again! We can still take a few things; however, since it's our turn to sponsor the flea market in April, we won't do any selling (just running the food stand requires many people). So, unless you really must unload something, please hang on to your electronic donations a little longer.

By the way, please pass the word: only the sponsoring group is sanctioned to sell food at the Foothill Flea Market. Not too long ago, someone set up their own food stand and got closed down as soon as the powers-that-be caught wind of it. (This one is not a rumor.)



(left to right) Gary WB6YRU, Ernie Nunez, and Don KC6WMM. Believe it or not, we turn this stuff into money for the repeater! The sign says: "SCCARA All proceeds go to our repeater fund" and some info. about the repeaters.

73, Gary WB6YRU

## Thank You



Don Ferguson, KD6IRE, explains one of his directional antennas.

Don discussed the art of transmitter hunting ("T hunt") at the February meeting. The talk included basic techniques and the variety of equipment used.

Thanks Don!



## Station Status

Unfortunately, the radio room at the new Red Cross building isn't ready yet, so the club station continues to be in a state of limbo. (Our repeaters are housed separately and are unaffected.)

On a slightly brighter note, there is a small meeting room adjacent to the unfinished radio room which the Board of Directors has made use of for the second time now. This is a much more convenient arrangement than at the old Red Cross building.

73, Gary WB6YRU

## New Members

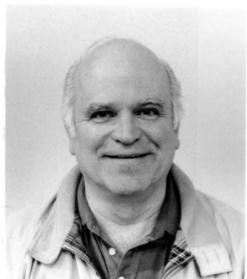
SCCARA would like to welcome these new amateurs to the club:



Ernie Nunez



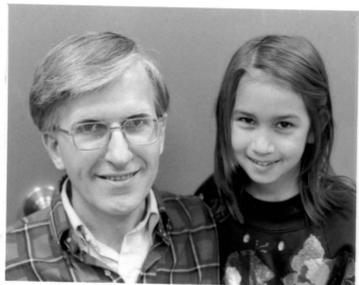
Andy, KD6WXM



Rich, KE6TFZ



Mario, KE6ENR



Mike, W6TQH and daughter, Laura KE6FBY

Do you have any questions, ideas, or comments about SCCARA or any activities? Please don't hesitate to ask. There is a list of club "higher-ups" in each SCCARA-GRAM.

We would like to extend a similar welcome to all new SCCARA members. Please see the club photographer, Bob Keller KB6OHO, at any meeting.

## ARRL Pacific Division Update

April 1994

### Wake up call on the 13 cm. band:

As mentioned in last month's Update, NTIA (the National Telecommunications and Information Administration, a part of the executive branch of the Clinton Administration) has issued a preliminary plan which would decimate half of the 2,400 MHz. band! The content of this plan apparently ignores specific Congressional direction. The plan is to reallocate 2,390 - 2,400 and 2,402 - 2,417 MHz by Aug. 1994 and 2,300 - 2,310 MHz. in 1996. A four page report from the NTIA describing their reallocation plans was released in February. The report states that it "marks the first step in a process that will lead the way to major changes in U.S. management of the radio spectrum." Drop me a note if you would like to have a copy of this important document. The ARRL Washington DC office is currently developing an action plan to attempt to turn around this proposal. See QST, the ARRL Letter, W1AW bulletins, and other sources for more information. The public comment period ends in May, 1994. We need your help! Write your comments to Mr. Norbert Schroeder, Program Manager, Spectrum Openness, NTIA, Room 4092, U.S. Dept. of Commerce, 14th & Constitution Ave. N.W., Washington, DC 20230. FAX: (202) 482-4396. Keep tuned!

### Vanity Call signs - Some New News:

The FCC has announced an extension of time for receiving comments regarding PR Docket 93-305, the vanity call sign docket. The new deadline for filing comments is April 21, 1994. The text of this docket is on page 84 in February QST.

In summary, the docket states that any ham may pay the "appropriate fee" and submit a list of up to ten call signs. The applicant would receive the first call sign on the list that's available. If none of the call signs asked for are available, the

applicant keeps the old call. A new form 610-V is being proposed to be used for the request of a specific call. Clubs and Mil-Rec stations would be issued a call in sequence but would then be eligible to request a specific call once they had obtained their first call sign. It is also expected that the new computer equipment and software will enable electronic filing of 610s. New vanity call signs will bear the original license expiration date.

The FCC, in its docket, asks for input on how to make call sign availability information on-line, whether there should be a phase-in or priority procedure and how it should be designed and implemented.

I am a member of the ad hoc committee of the board to develop the ARRL position. The ad hoc committee has delivered its draft proposal to the ARRL Executive Committee for review before the comments are submitted to the FCC by the new deadline. If you have suggestions you'd like the ad hoc committee to consider, please write as soon as possible. There's still time to influence the committee's report, but time is running short. No date has been specified for implementation, but it could be as early as late 1994.

### **New FCC-ARRL Amateur Auxiliary Agreement Signed:**

In late February a new agreement was signed between the ARRL and the FCC Field Operations Bureau. This agreement centralizes submission of interference reporting by Amateur Auxiliary members. It requires all enforcement requests to be submitted via ARRL HQ directly to the FCC Field Operations Bureau in Washington, DC.

More information will be available soon to Section Managers and OO Coordinators. An editorial providing additional information will also be given on page 9 of April QST. Let's hope that this new program will be a step in the right direction!

### **New Pacific Division Assistant Director:**

Dean Manley, KH6B, of Hilo, Hawaii, has been appointed Assistant Director for the Big

Island. Dean brings many years of active experience to the position. Thanks, Dean for agreeing to serve!

### **Antenna Ordinances:**

Rusty Epps, W6OAT, Assistant Director and Volunteer Counsel, has agreed to lead a Pacific Division-wide effort to develop a database of antenna ordinances and related materials for the Pacific Division. This effort is part of a national overall program to index and catalog cases and related materials with the goal to help develop more workable antenna ordinances. Please be actively involved in this program by visiting and/or calling your town and/or county Planning Commission. We need the help of all hams in the Pacific Division on this project.

Also, please let Rusty know if there is a proposal for an antenna ordinance in your town and, if so, the contents of the proposal. Rusty would also like to know if your town does NOT have an ordinance. Rusty needs everything related to this entire field!

All the information will, of course, be available to anyone in the ham community who needs it. Send all the material to Charles K. (Rusty) Epps, W6OAT, 651 Handley Trail, Redwood City, CA 94062.

### **ARRL Letter Available:**

Newsletter editors please note: The ARRL Letter is now offered free of charge to affiliated club newsletter editors. The ARRL Letter is published twice each month, and contains late-breaking information of interest to all hams. For details on how to obtain your own free one year subscription, write to Jim Cain, ARRL Letter Editor, c/o ARRL, 225 Main St., Newington, CT 06111.

### **Scholarships and Awards:**

There are many scholarships 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 1994 scholarships. Watch QST and other amateur radio publications for details.

**Hiram Percy Maxim Memorial Award.** Do you know a licensed amateur under the age of 21? He or she might qualify for this award. Write to ARRL HQ for information. The nominations are to be sent to your Section Manager. See page 8 of any QST for your SMs address. There are many young amateurs who might qualify for nomination, but few are actually nominated.

The Pacific Division and ARRL each give many awards for outstanding service. Included are awards to clubs (by sizes), Ham of the Year, Volunteer of the Year, Ham Recruiter of the Year, and Certificates of Merit. These awards will be made at Pacificon94. Please give serious thought to nominations. Drop me a note for the details.

### **Coming Events:**

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, CA, 7AM to Noon, all year. Talk in 147.045 from west, 145.35 from the east. Contact Noel Anklam, KC6QZK, (510) 447-3857 eves.
- Foothill Swap Meet - 2nd Saturday, March - September. Foothill College, Los Altos, CA.
- International DX Convention, April 15-17, 1994, Holiday Inn at Visalia, CA. Contact: Don Bostrom, N6IC, 4447 Atoll Ave., Sherman Oaks, CA 91423, (H) (818) 784-2590.
- West Coast VHF/UHF Conference, Cerritos, CA, April 29 - May 1, 1994. Contact Bob Hastings, K6PHE, 854 Bernard Dr., Fullerton CA 90701 (714) 990-9203.
- Valley of the Moon ARC Hamfest, Sonoma, CA, April 30, 1994. Contact Darrel Jones, WD6BOR, 358 Patten St., Sonoma CA 95476 (707) 938-8086.
- Dayton HamVention, Dayton, OH, April 29 - May 1, 1994. Contact P. O. Box 964, Dayton OH 45401-0964 (513) 276-6930.
- Fresno Hamfest, May 7-8, 1994, Riverland Park at Kingsburg, CA. Contact James Wakefield, AH6CO, 1333 N. Palm Ave., Fresno CA 93728.
- Northwestern Division Convention, Seaside, OR, June 3 - 5. Contact Brad Beach, N7NVC, 2117

Jenny Lane, West Linn, OR 97068 (503) 657-1781.  
- ARRL National Convention, Arlington, TX, June 10 - 12, 1994. Contact John Fleet, WA5OHG, Box 25028, Dallas, TX 75225.

- ARRL Field Day, June 25-26, 1994.

- Southwestern Division Convention, Aug. 26 - 28, 1994, San Diego Town & Country Hotel/Convention Center (800) 772-8527. For further information call W6GIC (619) 278-4284.

- 1st National Hamfest, Oct. 7 - 9, Costerisan Lake, Bakersfield, CA. Contact KCCVARC, P. O. Box 473, Bakersfield, CA 93302.

- Pacificon94, Hilton Hotel at Concord CA, Oct. 21 - 23, 1994. For more information contact Lauren Styles, WA6CIE, 1910 Sunshine Dr., Concord, CA 94520, or call the MDARC/Pacificon Hotline at (510) 932-6125.

Brad Wyatt, K6WR  
Director, Pacific Division, ARRL

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

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



---

## **SVECS Breakfast**

Come join your fellow HAMS at the Silicon Valley Emergency Communications System quarterly breakfast on April 23rd at 9 AM. This all-you-can-eat event will be held at the Santa Clara Senior Citizens Center, 1303 Fremont Street, at the corner of Monroe Street in Santa Clara. We will be partaking of scrambled eggs, sausages, various bakery items, assorted fruits and beverages for a bargain \$5, with children 12 and under FREE. Bring the family.

Bill Weisgerber, operations chief of the Milpitas Fire Department will be our guest speaker. Having been the incident commander for the recent high-rise fire training exercise that utilized RACES operators, Bill will speak on

lessons learned.

Please let me know if you plan to attend. You can RSVP on the nets or give me a call at 408 241-7999. Talk-in will begin at 7 AM on the morning of the 23<sup>rd</sup> on the WB6ADZ repeater: 146.115+. Hope to see you there.

Thanks DE Lou WA6QYS

---

## Newsletter Notes

I have been wanting to put the SCCARA logo in this newsletter, but have had some technical difficulties getting it done. Doug, WN6U has tried his black and white scanner, but with unsatisfactory results (his scanner doesn't see the red parts of our logo). Does anyone have a color scanner with the ability to write the image data to an IBM PC compatible disk?

Something curious keeps happening to me: Despite the fact that the dead-line for newsletter articles is stated every month in the masthead (underlined) and I've mentioned it here a few times, some people continue to ask when is the dead-line or submit stuff just before press time. Evidently, it isn't obvious enough. Those of you who actually read this newsletter and know about the dead-line, please stop reading for a moment...

---

---

**THE DEADLINE FOR  
NEWSLETTER ARTICLES  
IS THE LAST MONDAY  
OF THE MONTH!**

---

---

OK, you can start reading again. Sorry about the interruption, and thanks.

Something new has happened to the ARRL Pacific Update! That column now matches the others in this newsletter. Brad K6WR has joined the packet network and is sending this information out to editors (and anyone else who asks) via packet. Do you like this or is the old format more appealing? I thought this might be better because it makes the newsletter more uniform. Let me know what you think.

Please check out the *Coming Events* section in the ARRL Pacific update. Notice, some items are far outside this area. Would anybody have any objection if stuff outside of, say, 50 miles were omitted? This would happen just to save space if need be; otherwise, I would leave everything in.

73, Gary WB6YRU, editor

---

## Packet Pieces

### Downloaded from the packet network:

=====  
Date: 15 Mar 94 01:21

From: WB5FIX@KE6LW

To: QST@ARL

Subject: ARLB026 PHONE INTERFERENCE SURVEY  
-----

QST DE W1AW

Bulletin 26, March 14, 1994  
ARRL Headquarters, Newington CT

TELEPHONE INTERFERENCE SURVEY

The FCC has released the results of a telephone interference survey just completed. 35 FCC field offices each picked three random cases of telephone interference on record and then visited the scene. The transmitting stations included 47 citizens band, 27 amateur, 23 AM broadcast, 10 FM broadcast, and one international broadcast station.

At the location experiencing interference, the FCC's Field Operations Bureau personnel would first test the telephones on site, and then test their own "bulletproof" telephones, as well as several commercially available filters. 241 different telephones were tested.

Among the FCC's conclusions was that transmitter power did not seem to be a significant factor. They said

that 10 Watts or less caused telephone interference in one-third of the cases. The FCC also said that filters worked only one-third of the time. "Manufacturers can design telephones to be interference free," the Commission said, citing its bulletproof telephones, which were immune from interference "virtually all of the time."

The FCC said it hopes that the survey will encourage affected parties "to productively address and resolve this problem."

If you would like a copy of the survey, which includes a list of the telephone models checked, send a SASE with two units of first class postage to the Technical Information Service at ARRL HQ.

=====  
Date: 21 Mar 94 05:29  
From: WQ1F@KD2AJ  
To: OOPS@ALLUS  
Subject: Why say 73sssss?  
-----

For some time I've seen the vernacular of traditional amateur radio degenerate. This happens to the English language as well among sub-cultures with poor education as a common denominator.

73 is a traditional amateur cw operator's shortened way to say best regards. (notice the plural) Take for example "congratulations" (notice the plural) Would one say to the bride and groom, "congratulationses"?

73 is already plural and needs nothing to express best regards to a group or an individual. Not 73's (a possessive?) or 73s or 73es. Just 73.. that's it... that is all.

=====  
Date: 27 Mar 94 15:32  
From: N4ATY@KF4OJ  
To: HUMOR@ALLUS  
Subject: CENSUS TAKER  
-----

Census-taker to harried house-wife: I need the exact number of dependents, madam, not how many will be alive after their father gets home.

-----  
The bridge tournament was in high gear when suddenly a player tossed down his cards, muttering, This game is crooked. That's a terrible accusation, whispered his partner...What makes you think so? That guy, the fellow said, pointing to the player on his left, is not playing the hand I dealt him.

-----  
From the Happy Club,  
73 de Ramon, N4ATY @ KF4OJ.#ARCFL.FL.USA.NA  
=====

Date: 27 Mar 94 15:33  
From: KC4JMF@KF4OJ  
To: HUMOR@ALLUS  
Subject: EMPLOYEE  
-----

Employee...Could I have a raise?  
Manager....Impossible! you've only been with the company two weeks. You must work yourself up first.  
Employee...But I have. Look, I'm trembling all over!  
-----  
Young Father Milton was torn between listening to the Super Bowl and hearing confession...Realizing his duty to his parishioners, he compromised and took a radio into the confessional booth.

All went well until Kathleen left the booth, shaking her head, and encountered her friend Erin. What's the matter? asked Erin I confessed my sins to Father Milton, Kathleen explained and got fifteen yards for rushing.

-----  
From the Happy Club,  
73 de Armando, KC4JMF @ KF4OJ.#ARCFL.FL.USA.NA  
=====

Date: 19 Mar 94 21:24  
From: KC4RLC@KF4OJ  
To: JOKES@ALLUS  
Subject: LASAGNA LYRICAL QUALITIES  
-----

LYRICAL QUALITIES OF BAKED LASAGNA

What you serve is not important, says the chef. It's how you put it on the menu...Below there are my suggestions for updating menu language...to get the customers anxious to take that first bite...

Old...Baked Lasagna - Served with meat sauce.  
New...Baked Lasagna - The traditional wide noodle with a rich sauce of meat and imported cheese.

Old...Tomato Sauce - Made with tomatoes with special spices.  
New...Tomato Sauce - Made fresh daily with only ripened tomatoes. Mama's special herbs and spices make this sauce truly unforgettable.

-----  
From the Happy Club,  
73 de Pedro, KC4RLC @ KF4OJ.#ARCFL.FL.USA.NA  
=====

Keep smiling! ☺ 73, Gary WB6YRU

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

Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: E A G T+ T N

Address: \_\_\_\_\_ Licensed since (yr): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_

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 \$3.50 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 treasurer at any meeting or mail to:

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

**SANTA CLARA COUNTY  
AMATEUR RADIO ASSOCIATION**

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

Affiliate of the American Radio Relay League

Non-Profit Org. US Postage <b>PAID</b> Permit # 3318 San Jose, CA
---

# Extra

More photos were submitted than were actually published.  
Just for fun, this is one that wasn't in the original SCCARA-GRAM:

The flea market (page 6)



Foreground (L to R): Gary WB6YRU and Don KC6WMM (later became KO6HH)  
Background: Lou WA6QYS and possibly Mike KB6LCJ (not sure)