

SCCARA-GRAM



Santa Clara County Amateur Radio Association



Volume 12, Number 12

December 1996

President's Prose

It's hard to believe that our 75th year is almost over. SCCARA accomplished a lot of things this year. Some things, like moving our repeaters to the city communication vault, that seemed like a sure thing at the beginning of the year ended up not happening as of yet. Other things like getting the keys to the American Red Cross, that seemed impossible in January ended up coming to pass. That is not to say that there isn't plenty more to do at the Red Cross, but at least we have our foot in the door.

A couple of really great and unexpected things happened this year. We had the opportunity to donate the use of a station for the World Radiosport Team Championships. We also had a really fine Special Event Station on August 17 to celebrate our 75th year as a club.

As the year winds down and we make preparations for our 75th Anniversary Celebration, I can't help but think how hard it would have been for me to make it through the year as president without all the great help I got from many of our wonderful members. A club, and what it accomplishes is a direct reflection of the members who make it run. And we have some great members. It would be impossible to mention everyone who helped me. Things would get done without me even knowing it sometimes, like Stan WA6VJY, making our reservations for Field Day at Mount Madonna.

Some projects were initiated by our members on their own, like our support of the World Radiosport Team Championships. While I was sitting around wishing there were some way we could help the Team Championships after hearing Rusty Epps W6OAT talk about it, two of our members, Don KO6HH and Clark KE6KXO came up with a plan on their own and made it happen. Thanks to their hard work, as well as many other members, our club's hosting of a Radiosport Station came off without a hitch.

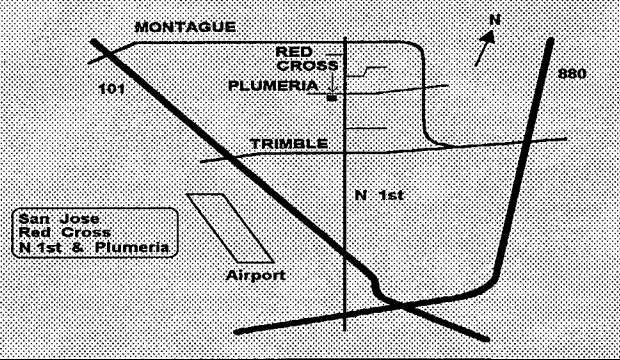
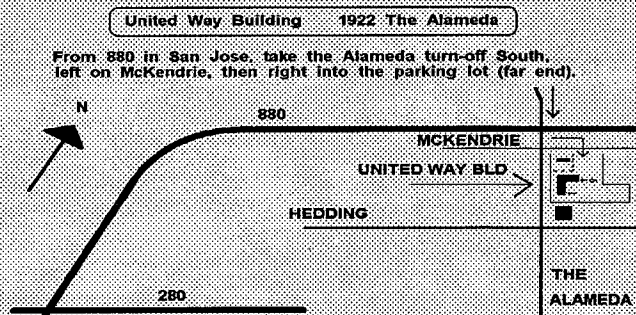
Even though I can't thank everyone by name, there are two club members who really went out of their way to help me. Don K6PBQ and Lou WA6QYS helped me in more ways than I can ever list. I could not have done the job without them. Lou would even drive me to the meetings

Calendar

- 12/17 SCCARA General Meeting--75th Anniversary Christmas Dinner Meeting!
- 12/23 SCCARA Board Meeting--(San Jose Red Cross, 7:00p, all are welcome)
- 1/13 SCCARA General Meeting

Next General Meeting:

Day: Tuesday, December 17, 1996
Time: 7:00 PM
Place: La Rinconada Country Club
Agenda: 75th Anniversary Christmas Dinner
See sign-up sheet (next to last page) for details.



The **SCCARA-GRAM** is published monthly by the **SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION**, PO Box 6, San Jose CA 95103-0006. Permission to reprint articles is hereby granted, provided the source is properly credited.

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

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

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

OFFICERS and DIRECTORS

President	Hugh Collis, KD6EFL	246-9374
Vice President	Don Apte, KK6MX	629-0725
Secretary	Lloyd DeVaughns, KD6FJI	225-6769
Treasurer	Rex Skiver, N6BUO	263-5277
Station Trustee	Stan Getsla, WA6VJY	275-0735
Director	Clark Murphy, KE6KXO	262-9334
Director	Imre Takacs, KD6MZM	251-9686
Director	George Brady, AB6OZ	729-9012
Director	Don Village, K6PBQ	263-2789
Director	Lou Steirer, WA6QYS	241-7999

STAFF

Editor	Gary Mitchell, WB6YRU	265-2336
Facilities	Don Village, K6PBQ	263-2789
Historian	Jean "Doc" Gmelin, W6ZRJ	973-8583
Photographer	Bob Keller, KB6OHO	725-1034

COMMITTEES

Repeater	Keith Butts, KN6K	248-3849
Youth Group	George Brady, AB6OZ	729-9012

SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

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

Phone patch capability is available (auto-dial and auto-patch). The two meter repeater is located in the Mt. Hamilton foothills, Alum Rock area. The 70 cm repeater is located at the Alexian Brothers Hospital, North of 280 and 101.

SCCARA NETS

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

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

Visitors welcome to join in on the SCCARA nets.

IMPORTANT TELEPHONE NUMBERS

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

sometimes. Maybe that was to make sure I would show up.

Our 75th Anniversary Celebration at the La Rinconada Country Club on December 17 is being planned by Doc W6ZRJ and Al W6VZT. This will be a great event and I hope everyone can attend. I can't think of a more enjoyable way to end our 75th year.

I hope that you all have a happy and joyous holiday season and that the new year brings many blessings to you and your families.



Hugh KD6EFL

Meeting Minutes

General Meeting, Nov. 11, 1996



7:45 p.m. Meeting called to order by club president Hugh, KD6EFL.

Don Apte, KK6MX, announced that the guest speaker would be a little late. Don also announced that the UHF/VHF conference may be held in the Bay Area next year.

Doug, WN6U, announced that Don, KO6HH, had his big toe amputated. John Tanner, K6EJF, is in the hospital for a heart bypass. Jim O'keefe, WE6V, is in the hospital for cataract surgery.

Tonight's speaker is Bill Bower, KE6CPF, of Centurion Antennas

BUSINESS MEETING:

Nominations:

President, Jack Ruckman, AC6FU.

Vice President, Barbara Britten, KE6QEI.

Secretary, Dan Dietz, WM6W.

Treasurer, Lloyd DeVaughns, KD6FJI.

Station Trustee, Stan Getsla, WA6VJY.

Board: Lou Steirer, WA6QYS; Don Apte, KK6MX; Don Village, K6PBQ.

Moved and second that those nominated be elected because there is no one running against them. Motion passed.

Motion by Don, KK6MX, that RACES be allowed to use the repeater for the christmas in the Park Parade. Second and passed.

Gary, WB6YRU, is still looking for articles for the SCCARA-GRAM. The best article per issue gets a year's subscription to **WORLD RADIO** magazine.

December board meeting will be Monday December 23, 1996

9:37 p.m. Meeting adjourned.

Board Meeting, Nov. 18, 1996



Present: Gary, WB6YRU; Rex, N6BUO; Lou, WA6QYS; Hugh, KD6EFL; Don, K6PBQ; George, AB6OZ; Lloyd, KD6FJI; Don, KK6MX

7:16 P.M. Meeting called to order by club president Hugh, KD6EFL.

Motion to accept general meeting minutes as appeared in SCCARA-GRAM. Second and passed.

Hugh, KD6EFL, discussed the antenna work party that took place over the weekend. The object was to take down an antenna for a blind ham from San Francisco who had purchased it from a silent key's estate.

Hugh also discussed the election of new officers for 1997. The newly elected directors are Lou, WA6QYS; Don, K6PBQ; and Don, KK6MX. Hugh noted that we are short one board member since AB6OZ is resigning after one year.

Bill Stevens, W6ZM, a silent key, wanted any monies donated to the SJSU athletic dept. \$50.00 was approved by the board and it will be sent to the university.

Cliff Furlow, KE6HM, a silent key, a motion was passed by the board at a previous meeting to send a donation to a charity in his name.

Treasurer's Report, Rex, N6BOU, total club assets:

Repeater savings	3,650.78
Repeater checking	1,264.57
Total repeater	4,914.00

General saving	9,747.16
General checking	2,099.07
Total General	11,846.00

Total	16,760.00
dues & dinner	1,126.00
less expenses	(150.00)
Grand total	17,736.00

Gary, WB6YRU, Editors report: Staples are charging by the set and not by the copy, which is a higher rate. He wrote Staples home office, but has not heard back.

V.P report: Don, KK6MX, The January speaker Arthur F. LANGE, Trimble Navigation Limited of Sunnyvale. Don also said that help is needed for Downtown Christmas Parade December 8. The parade starts at 11:00 a.m. Setup

is at 8:00 a.m.

New or old Business:

Don, KK6MX, suggested that Wally, KA6YMD, be a board member because his wife, Barbara, KD6QEI, will be vice president.

Gary, WB6YRU, wants to know what is the status of the agreement between City and SCCARA for the repeater move. Don apte will check on it this week.

Don, KK6MX, and Gary, WB6YRU, will do a frequency interference test at Alexian Brothers hospital at our 440 repeater.

Don, KK6MX, wants to know if we want to get involved in the UHF/VHF Conference. Don will invite a member of the 50 MHZ and Above Club to come to a general meeting and explain what the conference will include.

Gary, WB6YRU, noted that we voted to upgrade the 440 port of the N0ARY BBS system, but we had to delay implementation because the Kantronics radio has been discontinued. We will go with the Tekk transceiver.

Don, K6PBQ: Bob, KB6OHO will make the pictures for the SCCARA 75th anniversary certificates. Bob is not in the best of health and he will not be doing very much photo work for the club in the near future. Any one interested in photography should contact Don, K6PBQ.

Hugh, KD6EFL, inquired about the purchase price of Fire proof file cabinets and they cost from \$400 to \$500 new. Don Apte suggested look at Curtis Trading Co. in Milpitas as one possible source for used cabinets. Motion by Don, KK6MX, to purchase fire proof 4 draw file cabinet at a price not to exceed \$300. Second and passed.

Motion by Lou, WA6QYS, to buy Christmas presents for the party for ham and non-ham presents not to exceed \$150 each category. Passed.

8:48 p.m. Motion to adjourn. second and passed.

Board Meeting, Oct. 21, 1996



Present: Gary, WB6YRU; Rex, N6BUO; Clark, KE6KXO; Hugh, KD6EFL; Don, K6PBQ; George, AB6OZ; Lloyd, KD6FJI; Imre, KD6MZM

7:40 p.m. Meeting Called to order by Hugh, KD6EFL.

George, AB6OZ, will be resigning from the board due to

conflict of interest.

Editor's Report: Gary, WB6YRU, announced that George, AB6OZ, won a subscription to World Radio for writing an article for the SCCARA-GRAM. The place where we are printing the SCCARA-GRAM is miss counting the number of copies when they decide the rate.

Rex, N6BUO, Treasure's Report:
\$16,912 in the treasury. Dues money are starting to come in and 2 people have signed up for the Christmas Party.

Old or New Business:
Don, K6PBQ, sent in reservations for next year to the United Way.

Hugh, KD6EFL, Doc, W6ZRJ, said that Hank Brown, W6HB, the last living charter member of SCCARA will be at the Christmas Party. Motion by Don, KK6MX, to buy Hank Brown's dinner at the Christmas party. Second and passed unanimously.

Jack, AC6FU, will run for president.

Don Apte, KK6MX, announced that there will be no more Foothill Flea Markets because the Perham Foundation does not have any connection to Foothill College any more. There maybe Foothill Flea Markets if some group with a connection to the college will sponsor them. We are looking into the matter.

8:45 p.m. Motion to adjourn by Clark. Meeting adjourned.

Lloyd, KD6FJI, Secretary

Introduction To Packet Radio

**by
Larry Kenney, WB9LOZ
Part 19**

How did you do on the review quiz in the previous part of this series? If you haven't taken it, you might want to read part 18 and take the quiz now before reading any further.

Here are the correct answers and the series part numbers where you can read more about the subject:

1 - Answer C is correct. The three TNC modes of communication are Command, Converse and Transparent. Command mode is for communicating with the TNC. Converse mode is for normal QSO's, connects to a BBS or

mailbox, etc. and Transparent mode is used for binary file transfer. (Parts 2, 3 and 14)

2 - The UNPROTO command is used for setting the transmit path for both beacons and CQ's. (Parts 3 and 13)

3 - The CHECK command is used for setting a timeout value in your TNC. If set to a value other than zero, the TNC will attempt to recover a connection after a certain specified time if nothing is received from the other station. This command is used in combination with the AX25L2V2 command. (Part 13)

4 - The MCON command (Monitor while CONnected) is used to monitor other traffic on the frequency while you're connected to another station. (Part 3)

5 - When monitoring, the asterisk indicates the station that you actually heard the packet from. The MRPT command must be ON for the monitor display to show digipeaters. (Part 2 and 3)

6 - The packet node network improves communications because packets are acknowledged between your station to the first node, and then node to node to the destination. A packet doesn't have to reach the destination before an ack is returned. (Parts 4, 10 and 11)

7 - When using the node network (no matter who you're connected to) you disconnect by going to command mode on your TNC and entering a D, just like at other times. Some nodes have the B (Bye) command available, so a B might also work. The fact that you're using several nodes or are connected to a distant station makes no difference. The network will take care of disconnecting all stations and links. (Parts 4, 10 and 11)

8 - N6ZYX-2 would appear as N6ZYX-13 if he connects to you using a node. The nodes change the SSID using the formula 15-N. (Part 10)

9 - The two most probable causes for a packet not to get through are collisions with other packets on the frequency and noise due to weak signals. (Part 15)

10 - BBS commands:

- a. To receive a list of messages you enter L
- b. To read message 47134 enter: R 47134
- c. To download a file in the General (G) directory called FCCEXAMS.LST you'd enter D GENERAL FCCEXAMS.LST or DG FCCEXAMS.LST depending on the software being used by your BBS.
- d. To send a personal message to Jim, WA6DDM, you would enter: SP WA6DDM @ W6PW.CA.USA.NOAM If his call sign was known in the White Pages database on your BBS, you would only have to enter: SP WA6DDM
- e. To change your home BBS from W6ABC to W7XYZ you would enter: NH W7XYZ (Parts 5, 6, 7 and 8)

11 - If you wanted to send an NTS message to Tom Smith, 123 Main Street, in Keene, NH 03431, you would enter the following at the BBS prompt > ST 03431 @ NTSNH (Parts 6 and 12)

12 - A message with a STATUS of BF means that the message is a bulletin and that it has been forwarded to all stations that are supposed to receive it from the BBS you're using. (Part 8)

13 - When entering the SUBJECT of a bulletin, you should give information that will help users listing your bulletin to determine whether or not they should read it. If you're entering a SALE or WANTED bulletin, tell what the item is and give the manufacturer and model. For an INFO bulletin indicate what you're offering information about. (Parts 6 and 8)

14 - To find the call of the HOME BBS of your friends, use the White Pages database. If the BBS you're using has the WP feature enabled, you'll find the I command (or Q command on some systems) to be useful, otherwise send an inquiry to your regional WP server or the national WP server. (Part 9)

15 - The maximum value for MAXFRAME is 7. MAXFRAME is the number of packets transmitted by your TNC contiguously, and the number of unacknowledged packets the TNC can have outstanding. You decrease MAXFRAME when the conditions are poor. Your TNC will send fewer packets at one time, so there will be less information to collide with other packets on the frequency and less chance of information being wiped out by noise. (Part 14)

There is no passing grade on the quiz. It was designed for you to check your general packet knowledge, and you'll have to be your own judge of that. I hope you did well on it!

Packet Pieces

Downloaded from the packet network:

=====
Date: 26 Sep 94 08:01
From: W5KSI@N5UXT
To: HUMOR@ALLUS
Subject: Deer Hunt

Sound familiar?

1:00 AM Alarm clock rings
2:00 Hunting partners arrive, drag you out of warm bed

2:30 Throw everything except kitchen sink into pickup
3:00 Leave for the deep woods
3:15 Drive back home and pick up guns
3:45 Get stopped by country sheriff
4:00 Set up camp, forgot the tent
4:30 Head into deep woods
6:05 See 8 deer grazing
6:06 Take aim and squeeze trigger
6:07 Click!
6:08 Load gun while watching deer go over hill
8:00 Head back to camp
9:00 Still looking for camp
10:00 Realize you don't know where camp is
noon Fire gun for help, eat wild berries
2:15 Run out of shells, 8 deer come back onto close range
2:20 Strange feelings in stomach
2:30 Realize you ate poison berries
2:45 Rescue from woods
2:55 Rushed to hospital to have stomach pumped
4:00 Arrive back in camp
4:30 Leave camp to kill deer
4:35 Return to camp for shells
4:40 Load gun, leave camp again
5:00 Empty gun on squirrel that's bugging you
6:00 Arrive back in camp, see deer grazing in camp
6:01 Load gun
6:02 Fire gun
6:03 Score bulls-eye on pickup truck
6:05 Hunting partner returns to camp dragging deer
6:06 Repress strong desire to shoot partner
6:07 Fall into fire
6:10 Change clothes, throw burned ones into fire
6:15 Take pickup and leave partner & his deer in deep woods
6:25 Pickup boils over, hole shot in block
6:26 Start walking
6:30 Stumble and fall into mud
6:35 Meet bear
6:36 Take aim
6:37 Fire gun, blows up barrel plugged with mud
6:38 Smell offensive odor emitting from pants
6:39 Climb tree
10:00 Bear departs. You wrap gun around tree
midnight Home at last

Author unknown, sure does sound familiar

=====
Date: 18 Jun 94 23:17
From: N0AHH@NXOC
To: RIDDLE@ALLUS
Subject: What is it?

I went to the woods and I got it. After I got it, I looked for it. The more I looked for it, the less I liked it. I took it home in my hand because I couldn't find it. What did I

have?

spell backward for the answer: revils a

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=====
Date: 12 Oct 94 03:49
From: KB4CTL@KF4OJ
To: HUMOR@ALLUS
Subject: From England
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From England

Why is a politician like a diaper?

They both need changing often, and for the same reason.

--

Sent by Pete G4EJO. From the Happy Club, 73 de Felly, KB4CTL @ KF4OJ.#ARCFL.FL.USA.NOAM

Need Help?

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

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

Antennas, feed-lines, tuners:

WB6EMR, AC6FU, K6PBQ, W6PHF, K6RQ, WB6YRU

Lightning protection, grounding: W6PHF, WB6YRU

Station set-up, equipment: AC6FU, K6PBQ, W6PHF, K6RQ

TVI/RFI: W6PHF, WB6YRU

Homebrew projects, construction: AC6FU, KD6FJI,

W6PHF, WB6YRU

Computers: KB6NP; IBM PC: WN6U, WB6YRU

Packet Network (BBS, forwarding): WB6YRU

Other digital modes (AMTOR, RTTY): WN6U

Code operating and installations:

WB6EMR, AC6FU, K6PBQ, W6PHF, K6RQ

Contesting & techniques: W6PHF, K6RQ

DX (long distance/propagation): W6PHF, WB6MER, K6RQ

Emergency operating/preparedness: W6PHF, WA6QYS

FM (VHF/UHF, repeaters): W6PHF, WA6VJY

HF operating techniques (SSB, CW):

WB6EMR, AC6FU, K6PBQ, W6PHF, K6RQ

Mobile operating: W6PHF, K6RQ, WN6U

NTS & traffic handling: W6PHF

QRP (HF low power, all modes): W6PHF, WN6U

TEN-TEN (10 M only): AC6FU

Classes/license upgrading: W6ACW, AC6FU, W6PHF

Legal/FCC rules: WB6YRU

SCCARA (club inner workings):

K06HH, K6PBQ, WA6VJY, WB6YRU, WA6QYS

Math applications: AC6FU

Children's Discovery Museum, volunteer operator:

K6PBQ

W6ACW, Ed Hajny, (408) 739-6105

WB6EMR, James D. Armstrong, Jr.,
day: (408) 995-0621, evening & msg: (408) 945-1202

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

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

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

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

K6PBQ, Don Village, (408) 263-2789

W6PHF, David Palmer, (415) 948-9527

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

K6RQ, Frank Glass, (408) 356-1026

WN6U, Doug Eaton, (408) 377-3736
packet: home BBS NOARY
internet: deaton1@ix.netcom.com

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

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

Newsletter Notes

Our Secretary has given me the latest copy of the roster database. Only the regular dues-paying members are listed here in the newsletter. Yes, it's been a while, but there were some problems this year keeping the database accurate and I hesitated to publish a roster with possible problems. If anyone notices an error or omission, please mention it right away to the secretary, Lloyd KD6FJI.

A separate, more complete roster is available upon request which includes: more information about members, list of honor members (mailing list only), plus a member cross-reference by both first name and last name. Anyone who would like this expanded roster may get one at any club meeting or contact me and one will be sent to you.

73, Gary WB6YRU, editor

ARRL Pacific Division Update

December 1996

Pacificon '96 a Great Success

Pacificon'96 is now history. The award highlights included the 1995 Field Organization Volunteer of the Year for 1995 to Jim McCauley, AB6EU, and for 1996 to Randy Foutch, KE6HCI; 1996 QST Cover Plaque Awards to Patty Winter, N6BIS, and Dave Hersberger, W9GR. There were sessions updating us on Washington DC developments, antenna classes and meetings for ARRL Volunteer Counsels. The vendor exhibitions were always jammed.

Pacificon'96 was produced by the Mount Diablo ARC. Thanks to Dick Brown, KT6X, and Greg Estep, KE6VTA, co-chairs, and their team for a great convention! See you at Pacificon '97 in Concord - October 17-19, 1997!

New RF Safety Rules Effective Jan. 1

As has been reported widely, new RF safety rules go into effect for US hams effective Jan. 1, 1997. Thus far little information has been released which provides guidance to the amateur community regarding exactly what must be done to comply with the new regulations. The FCC stated in its Order, announcing the new rule, that a revised version of FCC OET Document 65 would be released well before the first of the year, and that it would contain guidelines suitable for amateur use. Unfortunately, that revised OET Document 65 has been slow in coming. A preliminary revision was released for review in late September, but it provided little explicit guidance for the amateur. Because the deadline is rapidly approaching, the ARRL Board of Directors, at their meeting in late October (see details below), asked that the FCC be petitioned to delay the implementation date by one year. Meanwhile, as the FCC considers the request for delay (which was also requested by commercial interests), the ARRL, together with a group of volunteer experts, is working with the FCC to expand and improve the Document 65 coverage for hams. There will be a summary report in January QST.

For more information, see Oct. 1996 QST, page 9, for the K1ZZ editorial, and pages 78 et seq. for details on the Docket. See also Pacific Div. Update for Nov. 1996 and QST for Dec. 1996. The text of this Docket can be found on the FCC web site at <http://www.fcc.gov/Bureaus/Engineering/Technology/Orders/fcc96326.txt>. Also, see the ARRL WWW site at <http://www.arrl.org/news/rfsafety/> for current information.

TAPR Spread Spectrum STA Approved

The Tucson Amateur Packet Radio Assoc. (TAPR) received approval from FCC in early November to begin experiments with Spread Spectrum techniques, on a non-interference basis, on bands from 50 MHz and up including 219 MHz. Essentially, the rules are the same as the existing K6KGS Spread Spectrum STA. The details on experiments to be performed as to timing, frequency bands, and geographic locations are being developed.

ARRL Board Actions at Oct. Meeting

On ET Docket 93-62, the RF safety docket (see above), the Board of Directors directed staff to seek an extension of the compliance date to January 1, 1998. The request has been submitted.

Responding to the continuing problem of minimal FCC enforcement activity, the ARRL will petition the FCC to create procedures to allow submission of private sector complaints of serious rule violations directly to the FCC's Chief Administrative Law Judge, hurdling bureau processing delays.

ARRL President Rodney Stafford, KB6ZV, was authorized to sign a formal agreement with the National Frequency Coordinators' Council, effecting the so-called single point of contact concept.

In view of the congressional mandate imposed on the FCC to auction the 2305-2320 MHz band for commercial purposes, ARRL will seek an increase in the amateur service allocation status, from secondary to primary, in the remaining 2300-2305 MHz Amateur segment.

Effective July 1, 1997, ARRL dues of Full and Associate Members will increase to 34 dollars annually. The senior dues rate will be increased to 28 dollars. This action was required by overall increased costs.

The Board directed staff to inform the FCC that the ARRL supported the TAPR Spread Spectrum STA then before the FCC for approval.

Many other significant actions were taken, but are not reported here due to space limitations in this Update. A full report will appear in January QST.

Vanity Calls Extra Class Gate 2 Opened

Gate 2 for Extra Class opened on Sept. 23, 1996. Approximately 4,500 calls were issued on Nov. 5, 1996. The calls issued for Pacific Division hams should appear on the Pacific Division Website (www.pdarrl.org) shortly. ARRL has established a one-stop vanity call sign page at <http://www.arrl.org/fcc/vanity.html>. For those receiving new calls, the ARRL/QST membership records will be updated automatically. To obtain new official ARRL appointee call sign badges for your new call, send a photocopy of your current call sign badge with the new call information to your badge engraver. They are receiving instructions from HQ to make new badges without the usual forms. Special VE badges will be replaced in accordance with the procedure that has already been sent to all ARRL VEs.

VHF, UHF Bands Under Active Challenge

2m/70cm Band Threats

The site of this continuing struggle shifted to Geneva for WRC97 preparation meetings of delegations from all over the world from Oct. 29 to Nov. 8. It appears that the Little LEO folks have garnered some support from some of the U.S. delegates. An example, Warren Richards of U.S. State Dept., was seated as Chief U.S. Delegate, in a surprise move, to Working Party 8 D (remember him from the e-mail campaign in July) and made a plea for added spectrum below 1 GHz for Little LEO. In the spirited discussion among delegates from many countries which followed, there was agreement and disagreement. It is clear that the discussions will continue in 1997. It should also be noted that the Little LEO folks have a satellite to be launched in 1996 to collect data to use in their study of frequency sharing possibilities below 1 GHz. They were able to obtain permission to submit data from this satellite at two key meetings in 1997 bypassing this round of meetings. ARRL and IARU are working hard to learn more about this satellite and its capabilities.

1296 MHz Band Threat

There may be a ray of hope -- in a recent series of government meetings it appears that in addition to the originally proposed 1258.29 MHz frequency another powerful group favors 1207.14 MHz and yet another powerful group favors 1309.7 MHz. A decision was due by Oct. 31, but, unfortunately, there is no further news to report as this issue is being written in mid November. We must always remember, however, that amateur radio is secondary to radiolocation and navigation systems in the 23 cm band.

2300-2310 and 2400 MHz Band Threats

At the last minute before Congress adjourned, Congress passed and the President signed Public Law 104-208 to authorize the placing of 2305-2310 MHz of the Amateur Band plus other spectrum into the spectrum pool for auction to finance the 1997 Federal spending plan. This action is the first time Congress has involved itself in the specifics of frequencies to be auctioned. Many on the Hill expressed verbally and in writing that this was a bad precedent and violated various "rules" of legislation.

While it is not likely that Congress, for political reasons, will reverse what was done in the closing days on this matter, the ARRL is still exploring what can be done.

As noted in the Nov. Update, there are other threats to these bands, but there is no significant additional news to report.

5800 MHz Band Threat

This threat is by NPRM ET Docket 96-102, based on the petitions from Apple Computer and WINForum, to grant

access to the Amateur Radio Spectrum from 5725-5875 MHz band for the NII/SUPERNET proposal for free spectrum for very high data rate LANs and other activities for schools, libraries, hospitals. ARRL and many other Comments opposing the NPRM were filed on July 15, 1996, and were followed up by opposing Reply Comments on Aug. 14, 1996.

It is very unclear what will happen in this NPRM as the FCC Commissioners want to grant something to this service, but how far they will go is unknown. Further, this matter is apparently linked to the Telecommunications Act concept of Universal Service -- a very difficult subject involving all aspects of the Telecommunications industry.

For the latest news on this volatile issue, read QST, ARRL Letter, Pacific Division Updates in hard copy. Read ARRL Letter, Pacific Division Updates on e-mail; visit Pacific Division WWW site. Visit the ARRL home page at <http://www.arrl.org/> and select "Band Threat News."

You may contribute to the Fund for the Defense of Amateur Radio Frequencies! See page 76 of October QST for all the details.

Comments by e-mail should be sent to: wrc97@fcc.gov. Hard copy written comments, with an original plus one copy, should be sent to: Office of the Secretary, Federal Communications Commission, Washington, DC 20554. Each comment should include at the top, "Reference No. ISP-96-005" and "Advisory Committee Informal Working Group 2A." We must keep up this activity consistently through 1997.

Unfortunately, the prediction of an attempted end-run of the preparatory process seems possible. We won't be able to breathe easily about WRC-97 issues until the final gavel, more than 12 months from now.

Coming Events

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore CA, 7:00 AM to noon, all year. Talk in 147.045 from west, 145.35 from the east. Contact Noel Anklam, KC6QZK, (510) 447-3857 eves.

Brad Wyatt, K6WR
Director, ARRL Pacific Division

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

Packet: K6WR @ N0ARY.#NOCAL.CA.USA.NOAM
Internet: k6wr@arrl.org

Pacific Division WWW Home Page <http://www.pdarrl.org/>



SCCARA ROSTER

Dues-members as of December 1996

CALL	CLS	FIRST NAME	LAST NAME	PHONE #	ADDRESS	CITY	ST	ZIP	SINCE
		ANITA "DEE"	YOW		165 E HEDDING ST	SAN JOSE	CA	95112-4914	1995
		RAYMOND L.	ALVARO	408-247-0845	3213 KNIGHTSWOOD WAY	SAN JOSE	CA	95148-2706	1996
		TERRY	RUSSELL	510 814-0570	2137 OTIS DR #204	ALAMEDA	CA	94501-5703	1996
W6ACW	G	ED J	HAIJNY	408 739-6105	20581 CRAWFORD DR	SUNNYVALE	CA	94087-1311	1983
N6ANE	T	EUGENE	HILL	408 226-6801	381 BLUEFIELD DR	SAN JOSE	CA	95136-2106	1980
KA6ASV	A	THOMAS	DUNBAR	703 406-2178	117 N STERLING BLVD	STERLING	VA	20164-4021	1990
KC6BFQ	N	WARNER	NASH	408 241-5788	2652 WALLACE ST	SANTA CLARA	CA	95051-3826	1988
K6BQN	E	WILLIAM	KEAGY	408 243-5948	2417 GLENDENNING AVE	SANTA CLARA	CA	95050-6415	1953
N6BUO	A	REX	SKIVER	408 263-5277	1871 SHENANDOAH AVE	MILPITAS	CA	95035	1994
WA6BYB	G	FRANK M.	MONEZ	408-578-7067	407 BLUEFIELD DRIVE	SAN JOSE	CA	95136-2004	
K6CAY	A	OTHO "OCH"	LAWRENCE	408 867-1647	18965 HARLEIGH DR	SARATOGA	CA	95070	1925
W6CF	E	JIM	MAXWELL	408 353-3911	PO BOX 473	REDWOOD ESTATES	CA	95044	1994
W6CFK	A	DICK	BARRETT	408 264-4320	1520 SANTA MARIA AVE	SAN JOSE	CA	95125-4463	1932
WD6CGI	E	HENRY	PONCE	408 433-1655	2151 OAKLAND RD #179	SAN JOSE	CA	95131-1520	1976
KO6CI	G	REUBEN J	VASELENKO	408 247-0825	1201-66 SYCAMORE TER	SUNNYVALE	CA	94086	1994
N6CMJ	G	DICK	RAWSON		141 KIT CARSON CT	SANTA CLARA	CA	95050-6615	
KE6CTH	T	JOHN	REGENT	408 984-1256	4201 NORWALK #DD103	SAN JOSE	CA	95129	1994
KF6CYE	T	SAUL	WOLD	408-395-3325	20284 BEAR CREEK ROAD	LOS GATOS	CA	95030	1996
KD6DCZ	A	ODELL	DORSEY	408-946-5027	421 W. CAPITOL AVE.	SAN JOSE	CA	95035	
KE6DSB	T	TOM	LAPIERRE	408 245-4717	1487 BARTON DR	SUNNYVALE	CA	94087	1993
WA6DXP	E	JOE	QUIRANTES	408 371-0959	2809 NICHOLAS DR	SAN JOSE	CA	95124-1535	1975
KF6EAJ	T	WYNFORD	PRESTON	408-296-5164	2464 GLENDENNING AVE	SANTA CLARA	CA	95050-6416	1996
KD6EFL	T	HUGH	COLLIS	408 246-9374	611 WOODHAMS RD	SANTA CLARA	CA	95051	1992
K6EJF	A	JOHN	TANNER	408 244-2445	2340 WALNUT GROVE AVE	SAN JOSE	CA	95128	1992
WB6EMR	E	JAMES D	ARMSTRONG JR	408 945-1202	1334 HIGHLAND CT	MILPITAS	CA	95035-7057	1991
W6EOA	E	SAM	TERESI	415 968-1814	1988 DEODARA DR	LOS ALTOS	CA	94024-7056	1948
KE6EOC	T	STAN	CHUE	415 991-2128	66 ALPINE AVE	DALY CITY	CA	94015	1993
KE6EOI	T	LOUIS P.	KALDY	408-262-4799	2163 PEDRO AVE	MILPITAS	CA	95035	
K8ERL	E	MIKE	MARNERIS	408 243-9042	2679 BRADY CT	SANTA CLARA	CA	95051-3030	1978
KB6ETA	T+	BYRON	BOMMARITO	408 281-1916	571 GIRAUDO DR	SAN JOSE	CA	95111	1989
KE6FBY	T	LAURA	GAYNON	415 853-6049	1340 HAMILTON AVE	PALO ALTO	CA	94301-3122	1994
KC6FGX	T	JOHN	SKINNER	408 446-5451	939 S TANTAU AVE	CUPERTINO	CA	95014-4601	1988
KD6FJI	G	LLOYD	DeVAUGHNS	408 225-6769	216 WHIRLAWAY DR	SAN JOSE	CA	95111	1992
KE6FQV	T	THOMAS	JEW	415 857-6179	10109 OAKLEAF PL	CUPERTINO	CA	95014-1109	1994
KE6FTZ	T	RICHARD	GREENE	408 274-7783	2294 RUBY AVE	SAN JOSE	CA	95148	1994
AC6FU	E	JACK L	RUCKMAN	408 379-4846	1695 EBBETS DR	CAMPBELL	CA	95008-5111	1994
KE6GDA	G	STEPHEN	SELBERG	408 249-7369	1456 BARBARA DR	SANTA CLARA	CA	95050-4463	1995
KF6GDP	T	ASHU	RANGLE	408-997-7242	6958 GRANDWOOD WAY	SAN JOSE	CA	95120	1996
WA6GKV	E	THEODORE C	BRICE	510 657-5779	48332 COTTONWOOD ST	FREMONT	CA	94539-7672	1976
KA6GZO	T+	JERRY	MCKEE	408 985-0349	1959 JACKSON ST	SANTA CLARA	CA	95050-3826	
W1HBQ	G	ROSS	ANDERSON		1065 OLEANDER CT	SUNNYVALE	CA	94086	1995
W4HCX	E	FOSTER W	PAULIS	408 370-7394	582 SMOKEY CT	CAMPBELL	CA	95008-3717	1991
WA6HET	T+	GEORGE	ROUSH	408-741-1876	14660 BIG BASIN WAY	UT B SARATOGA	CA	95070	
KO6HH	A	DON	HAYDEN	408 867-4643	13755 SKYLINE	LOS GATOS	CA	95030	1991
KD6HIK	T+	JOANNA	WOODROW	408 266-3993	1545 CALLE DE STUARDA	SAN JOSE	CA	95118-1917	1994
KE6HM	A	CLIFF W	FURLOW	408 258-4139	27 PLEASANT RIDGE AVE	SAN JOSE	CA	95127	1981
N6HN	E	ERNEST	ESPIRITU	408 998-0729	430 N 8TH ST	SAN JOSE	CA	95112-3345	1995
KD6HNG	T	CRAIG	ADAMS	408 285-9702	15090 BEL ESCOU DR	SAN JOSE	CA	95124-5014	1993
KA6HTP	G	FRANK	MITCHELL	408 262-6655	1714 BUTANO DR	MILPITAS	CA	95035	1992
WB4IAI	E	KEN	STACKHOUSE	408 723-8979	1580 INVERNESS CIR	SAN JOSE	CA	95124-4809	1985
WA6IER	T	JACK	RUSSELL	510 814-0570	2137 OTIS DR #204	ALAMEDA	CA	94501-5703	1976
KE6IKV	T	MELVIN D	CHAN	408 379-5232	2054 ANTHONY DR	CAMPBELL	CA	95008	1995
K6IUU	T+	VIRGINIA	METZGER	408 294-3575	285 EAST MISSION ST	SAN JOSE	CA	95112-5011	1991
KN6K	E	KEITH	BUTTS	408 248-3849	409 BUNDY #8	SAN JOSE	CA	95117-1660	1977
KD6KGI	T	MICHAEL	WEISER	408-378-2496	831 GALE DR APT 46	CAMPBELL	CA	95008	1992
N6KMQ	G	WILLIAM A	JOHNSTON	408 377-1524	209 SOUTH PETER DRIVE	CAMPBELL	CA	95008-3312	1988
KE6KXO	T	CLARK R	MURPHY	408 262-9334	PO BOX 135	ALVISO	CA	95002-0135	1995
KB6LCJ	G	MIKE	HASTINGS	408 243-6745	2681 BARCELLS AVE	SANTA CLARA	CA	95051-5729	1985
KB6LFZ	T	JOAN	HASTINGS	408 243-6745	2681 BARCELLS AVE	SANTA CLARA	CA	95051-5729	1986
WM6M	E	DAN	DIETZ	408 458-3460	25 WESTDALE DR	SANTA CRUZ	CA	95060	1977
KE6MEA	G	TIMOTHY G	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133	1995
KE6MGQ	T	BRIAN	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1995
KE6MGR	T	DANIEL	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1995
K6MOB	A	TONY	SANCHEZ	408 296-6676	1761 BENTON ST	SANTA CLARA	CA	95050-5200	1958
KE6MQU	T	CYNTHIA	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1995

CALL	CLS	FIRST NAME	LAST NAME	PHONE #	ADDRESS	CITY	ST	ZIP	SINCE
KK6MX	E	DONALD R	APTE	408 629-0725	71 SOUTH SEA CT	SAN JOSE	CA	95138	1990
N3MXS	T	SHAWN	CHI TRAN	408-279-5675	856 PASEO ESTERO DRIVE	SAN JOSE	CA	95122	1996
KD6MZM	T	IMRE	TAKACS	408 251-9686	1649 VIRGINIA PL	SAN JOSE	CA	95116	1989
KE6NHH	T+	RONALD	NUNES	408-488-9990	2218 CONSTITUTION DRIVE	SAN JOSE	CA	95124	1996
KB6NP	A	JON A.	DUTRA	408-428-2058	20746 SEVILLA LN	SARATOGA	CA	95070-4824	
WA6O	E	GEORGE	ALLAN	408 226-0497	668 CHEMEKETA DR	SAN JOSE	CA	95123-3012	1979
WB6ODL	A	WALT	MITCHELL	408 262-6655	1714 BUTANO DR	MILPITAS	CA	95035	1979
N60HK	T+	THOR	JOHNSON	916 644-8498	2881 ALDER CT	CAMINO	CA	95709-9672	1986
KB6OHO	E	BOB	KELLER	408 725-1034	1059 BIG OAK CT	SAN JOSE	CA	95129-3106	1986
AA6ON	E	MILTON	O'HARA JR	408 988-3959	2376 SHORESIDE CT	SANTA CLARA	CA	95054	1989
W600Y	G	BOB	WHARTON	408 251-0505	1535 SUNSHADOW LN	SAN JOSE	CA	95127-4663	1956
WB6ORU	A	WILLIAM A	OLIVER	408 292-0426	627 N 4TH ST	SAN JOSE	CA	95112-5124	1973
KE6OUG	T	BILL	PARENT	408 926-9040	1138 SUMMERGARDEN CT	SAN JOSE	CA	95132	1994
KE6OUP	T+	JACK	MONAHAN	415 326-1713	1525 ALMA ST	PALO ALTO	CA	94301	1995
AB6OZ	E	GEORGE F	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133	1991
KD6PAB	T	HARVEY	SAM	415 968-3021	1428 SAN LUIS AVE	MOUNTAIN VIEW	CA	94043	1993
K6PBQ	E	DON	VILLAGE	408 263-2789	3290 WOODY LANE	SAN JOSE	CA	95132-3544	1985
N6PCQ	E	ROBERT L	FORSTER	408 296-5509	268 KELLOGG WAY	SANTA CLARA	CA	95051-6713	1987
WB6PFB	G	KEN	ADCOCK	408 923-1701	3023 LITTLE ROCK DR	SAN JOSE	CA	95133-2030	1992
KC6PUQ	T+	KEN	WILLIAMS	408 247-4129	739 ROGERS CT	SANTA CLARA	CA	95051-5716	1991
KG6PY	E	ARTHUR	FURTADO	408 371-2655	2266 STRATFORD DR	SAN JOSE	CA	95124-2635	
KD6QEI	T	BARBARA	BRITTEN	408 293-3847	585 S 14TH ST	SAN JOSE	CA	95112	1989
KD6QEJ	T	KIRSTEN M	BRADY	408 729-9012	687 HIGH GLEN DR	SAN JOSE	CA	95133	1993
KE6QKJ		ERIC	SCOREDOS		15880 KINGS CREEK RD.	BOULDER CREEK	CA	95006	
KC6QOC	T	REGINA	WILLIAMS	408 247-4129	739 ROGERS CT	SANTA CLARA	CA	95051-5716	1991
WA6QYS	A	LOU	STEIRER	408 241-7999	2809 TOLEDO AVE	SANTA CLARA	CA	95051-5605	1983
K6RQ	E	FRANK	GLASS	408 356-1026	14910 LOS GATOS RD	LOS GATOS	CA	95032-2011	1946
KB6RSB	T+	JOHN H.	KERNER	408-356-1663	16142 CAMINO DEL SOL	LOS GATOS	CA	95032	1996
KD6RXI	T	DEREK	LYON-McKELL	408-244-4442	1372 TURNSTONE WAY	SUNNYVALE	CA	94007-3736	1996
KC6SOC	E	TERRY	YOUNG	408 270-5639	3383 BELGROVE CT	SAN JOSE	CA	95148-3114	1991
WA6TBT	G	JOSEPH	MANNINA	408 226-6214	5450-7 MONTEREY HWY	SAN JOSE	CA	95111	1980
KC6TDK	A	PAT	ITATANI	408 463-0844	PO BOX 13157	COYOTE	CA	95013-3157	1991
W6TQH	T+	MICHAEL	GAYNON	415 327-8640	1340 HAMILTON AVE	PALO ALTO	CA	94301-3122	1994
N6TQN	T+	JACK	LOVGREN	408 238-1900	6146 MONTGOMERY PL	SAN JOSE	CA	95135	1991
N6TYI	A	DAVID	PRATT	408 281-2482	207 PINOT CT	SAN JOSE	CA	95119-1855	1991
WNGU	E	DOUG	EATON	408 377-3736	185 UNION AVE #22	CAMPBELL	CA	95008	1984
WA6UBE	G	PATRICIA "TRISH"	GIBBONS	408 923-0843	10958 MT HAMILTON RD	SAN JOSE	CA	95140	1995
KD6UD	A	WARREN	GILLERAN	408 988-2706	3543 MACINTOSH ST	SANTA CLARA	CA	95054-2246	1980
KM6UJ	E	CLINTON	HANCOCK	408 268-2106	6567 ASHFIELD CT	SAN JOSE	CA	95120-4502	1993
KA6UMI	T+	ROLAND	WELSPIEL	408 296-2006	1669 LEXINGTON ST	SANTA CLARA	CA	95050-5350	
KA6UUS	G+	FRAN	ELLIOTT	408 226-6214	5450-7 MONTEREY HWY	SAN JOSE	CA	95111	1980
WA6UWF	E	JOHN	MEIERDIERKS	415-967-4266	1666 MORGAN ST	MOUNTAIN VIEW	CA	94043-1801	
WE6V	E	JIM	O'KEEFE	408 264-4987	1581 INVERNESS CIR	SAN JOSE	CA	95124	1981
K6VIP	E	ROY	METZGER	408 294-3575	285 EAST MISSION ST	SAN JOSE	CA	95112-5011	1956
WA6VJY	A	STAN	GETSLA	408 275-0735	477 PAMLAR AVE	SAN JOSE	CA	95128-4220	1971
KC6VPZ	G	J FERRIS "NORM"	NORMAN	408 947-1011	450 FULLER AVE	SAN JOSE	CA	95125-1546	1992
KC6VVU	A	DONELEY H	WATSON	408 266-3993	1545 CALLE DE STUARDA	SAN JOSE	CA	95118-1917	1991
WB6VXA	G	BOB	AVINA	408 247-3311	963 BLOSSOM DR	SANTA CLARA	CA	95050	1989
W6VZT	E	ALBERT F	GAETANO	408 379-3776	115 OLD ADOBE RD	LOS GATOS	CA	95030	1946
KE6WBQ	T	KENNETH W	WHITE	408 238-4470	3077 OLDFIELD WAY	SAN JOSE	CA	95135-1029	1995
AC6WG	E	SAM	MAHMOUD	408-736-3135	655 S. FAIROAKS #B-311	SUNNYVALE	CA	94086	1996
KE6WHE	T	MICHAEL	O'HEARN	408 395-5848	105 OLIVE ST	LOS GATOS	CA	95030	1995
KO6WM	A	NEAL A.	PATE	408 293-1219	PO BOX 15	SAN JOSE	CA	95103	1994
KD6WPC	T+	RUTH	SMITH	408 248-3646	3215 ORTHELLO WAY	SANTA CLARA	CA	95051-3761	1991
N6YLM	T+	BARBARA	EGGLESTON		141 KIT CARSON CT	SANTA CLARA	CA	95050-6615	
KA6YMD	A	WALLY	BRITTEN	408 293-3847	585 SOUTH 14TH ST	SAN JOSE	CA	95112	1978
WA6YRU	A	JOE	BOCANEGRA	408 266-2997	PO BOX 585	SAN JOSE	CA	95106	1977
WB6YRU	A	GARY	MITCHELL	408 265-2336	1851 LAURINDA DR	SAN JOSE	CA	95124-5614	1990
N6YWZ	T+	WILLIAM M	ROGERS	408 225-8377	4648 MIA CIR	SAN JOSE	CA	95136-2325	1994
KD6ZJJ	T	ANDY	WIRT	408 978-1874	5067 RAFTON DR	SAN JOSE	CA	95124	1994
KD6ZJK	T	JOANNE	MOSES	408 578-7306	6059 BIGELOW CT	SAN JOSE	CA	95123-4404	1995
W6ZM	E	BILL	STEVENS	408 377-6722	2074 FOXWORTHY AVE	SAN JOSE	CA	95124-1407	1935
KE6ZOV	T+	RONALD H.	GORDON	???	1137 RAJKOVICH WAY	SAN JOSE	CA	95120	
W6ZRJ	E	JEAN "DOC"	GMELIN	805 534-1943	633 RAMONA AVE SPACE 36	LOS OSOS	CA	93402-2116	1946
KD6ZUC	G	WIM	DEWILDER	408 732-5477	984 E EVELYN AVE	SUNNYVALE	CA	94086-6772	1995
KE6ZXU	T	CARL C.	WINCHESTER	408-269-2083	2498 WESTGATE AVE.	SAN JOSE	CA	95125-4041	95
K6ZYY	A	EL	WIRT	408 377-2202	4952 ESTHER DR	SAN JOSE	CA	95124-5411	1991

December Dinner Meeting Sign-up

SCCARA's 75th Anniversary Celebration!

It's past time to get your reservations in for our annual Christmas dinner meeting. If you haven't done it already, do it now! We need a couple of weeks to tabulate the final count. Since SCCARA is now 75 years old, this one is special! Doc W6ZRJ and Al W6VZT are making the arrangements and program.

Location: The La Rinconada Country Club, 14959 Clearview Dr, in Los Gatos.

Date: Tuesday, Dec. 17, 1996.

Time: 7 PM

Cost: \$25 per person, \$8 for the children's meal.

Please indicate your dinner choice(s) and the count:

_____ London Broil topped with mushrooms and Zinfandel sauce, \$ _____
 _____ Ana Potato

_____ Sauteed Filet of Dover sole, Rice Pilaf \$ _____

Both dinners include: Chef choice fresh vegetables, Strawberries Romanoff, Monterey greens salad topped with Bay shrimp, carafes of white and red wines on the tables. Also included are these hors d'oeuvres: Vegetable Crudite, Swedish Meatballs, and Deviled eggs.

_____ Children's meal -- Spaghetti dinner (\$8 ea) \$ _____

Please renew your membership (over) at the same time: Membership Renewal: \$ _____

GRAND TOTAL: \$ _____

Program outline

Opening Remarks By Doc Gmelin, W6ZRJ, MC

Welcome and Introductions by SCCARA Pres. Hugh Collis, KD6EFL

Introduce the 1996 Officers

Remembrances of SCCARA by:

- Hank Brown W6HB, last living charter member of SCCARA!
- Past Presidents of SCCARA
- 50 Year Plus Members

Installation of Officers by Doc Gmelin, W6ZRJ

Prizes and Gifts

Closing



This will be SCCARA's *Diamond Jubilee* celebration. Please plan to be there!

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

S.C.C.A.R.A. Membership Form for 1997

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

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

Address: _____ Licensed since (yr): _____

City: _____ State: _____ Zip: _____ - _____

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

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

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

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

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

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

WE MUST BE ABLE TO VERIFY YOUR AMATEUR LICENSE
BEFORE ANY REPEATER CODES WILL BE SENT

TOTAL: _____

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

== PLEASE DO NOT TEAR/CUT ===== PLEASE DO NOT TEAR/CUT ==

**SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION**

PO BOX 6
San Jose CA 95103-0006

Affiliate of the American Radio Relay League

NONPROFIT ORG. US POSTAGE PAID SAN JOSE CA PERMIT NO 3318

FORWARD & ADDRESS CORRECTION

TIME DATED BULLETIN