



Santa Clara County Amateur Radio Association

Volume 23, Number 8

August 2007



New Meeting Place!

Our usual meeting place: Building K at Kaiser Santa Clara will *NOT* be available for our monthly meetings as of August 1, 2007.

Our new temporary meeting location will be Building 255 at the Santa Teresa Community Medical Center (Kaiser Permanente) located at Highway 85, Cottle Road and Santa Teresa Boulevard.

Enter at Hospital Parkway from Cottle Road, or at Camino Verde from Santa Teresa Boulevard. Turn right onto International Circle and follow the blue Kaiser signs to Facility Services.

You will pass the Orange parking lot on your right, then the Santa Teresa Branch Library on your right, then Liska Lane on your right, then (finally) Building 255 on your right. Park in the Purple parking lot on your right just beyond the building. The meeting location is upstairs in the conference room – there is no elevator.

The accommodations aren't as spacious as we've had in the past, but will get us by until something better opens up.

{See the full page map inside the back cover. – Editor}

President's Prose

Volunteering is what makes your club great and enriches our communities. Please contact any club officer and share your ideas on how to make your club, or our meetings better. If you have a subject or know of one that you feel would be of interest please volunteer to present your topics that may interest others.

A Web-Site Worth Exploring: "The Tech Bench Elmers Amateur Radio Society CA." Great information on a varity of subjects.

Re: The difference between safety grounds and RF Grounding Systems for Amateur Radio Stations. The site provides many reading opportunities.

New Meeting Location:

Please don't forget our next meeting will be held at: Kaiser Permanente Santa Teresa 7:30 PM, Aug 13. See you soon.

73, Jim T

Your comments are welcomed: kg6udw@arrl.net



Calendar

8/11 Electronic Flea Market (DeAnza)

- 8/13 SCCARA General Meeting
- 8/20 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 9/8 Electronic Flea Market –we host! (DeAnza)

General Meeting

<u>Day:</u> <u>Time:</u> <u>Place:</u> <u>Featuring:</u> Monday, Aug. 13, 2007 7:30 PM Kaiser Santa Teresa, Bld 255 {to be announced}



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.

The deadline for articles is the last Monday of the month.

SCCARA was formed in 1921 and became a non-profit corporation in 1947. SCCARA is an affiliate of the American Radio Relay League (ARRL). The club station is W6UW.

Web page: http://www.qsl.net/sccara.

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SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU: 2 meter: 146.985 - PL 114.8 70 cm: 442.425 + PL 107.2 70 cm:

Phone auto-dial and auto-patch is available. The two meter repeater is located at Eagle Rock near Alum Rock Park in the foothills of east San Jose. The 70 cm repeater and NOARY BBS is located at the Regional Medical Center (formerly Alexian), east of downtown San Jose, north of 280 and 101.

SCCARA NETS

On our two meter repeater: Mondays at 7:30 PM, (not the second Monday--our meeting night). Coordinator: Don Village, K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally Britten, KA6YMD. Visitors welcome.

NØARY PACKET BBS

SCCARA hosts the packet BBS NØARY (San Jose). User ports: 144.93 (1200 baud), 433.37 (9600 baud), telephone 408 259-8497.. Sysop: Gary Mitchell, WB6YRU (packet info: www.n0ary.org/ncpa)

TELEPHONE NUMBERS

SCCARA contact Clark KE6KXO:	408 262-9334
ARRL/VEC Silicon Valley VE group,	
Morris Jones, AD6ZH:	408 507-4698

New Members

SCCARA would like to welcome to the club:

Clarence Garcia, KH6HMI

If you have any questions, ideas, or comments about SCCARA or any activities, please don't hesitate to ask.

Secretary Says

Membership Report as of July 20, 2007. So far, 2007 has been a good year for SCCARA. Here are some of the statistics:

- Active members: 77
 - 16 new members this year (21%)
 - 5 members not renewing from last year (6%)
- ARRL members: 47, or 61%
- Members' license grades:

Technician = 24 (32%)General = 19 (25%)Advanced = 8(11%)Extra = 24 (32%)

- Not yet licensed = 2(3%)
- Earliest license: 1934, George Paras, W6LDC
- Longest Member: 1946, Frank Glass, K6RQ
- Average membership years: 9.7
- General Meeting attendance: Members 24-32 (Average 28.6, or 37%) Guests 0-7 (Average 4)
- Members using E-mail: 42 (54%)

Submitted by Mike Aronoff, WB0TOW

{The number of new members and those not renewing really caught my eye. A six percent drop out rate is low, two or three times that is more typical. It will be interesting to see whether this is a statistical fluke or did we do something right. -Editor

Flea Market

September is SCCARA's turn!

Mark your calendars for September 8th, 2007. That is the date SCCARA sponsors the De Anza Electronics Flea Market. Be a part of this fun event. Join your fellow club members in this exiting fund raising activity. Come help set up the food booth canopy at the crack of dawn or if you'd rather, come help take it down at 1300 hours. Of course there are many other jobs that need to be done during the flea market: Unload supplies, set up tables, make coffee, ice drinks, shag sodas, dispense donuts and cashier. Work shifts of 2 hour duration start at 0500. Shifts are: A 0500-0700, B 0700-0900, C 0900-1100, D 1100-1300.

Where else can you join your fellow ham radio operators in such a worthwhile activity? Jobs will be equitably assigned across the board. Technicians and Extras will be offered the same responsibilities. No need to upgrade before the flea market to gain a preferential assignment. If you are itching to be a part of the FLEA MARKET TEAM sign up on the volunteer list or give me a call at (408)241-7999.

Lou WA6OYS

ARRL News

From The ARRL Letter, June 29, 2007

KENWOOD PURPORTED TO MERGE WITH JVC IN 2008

A consumer electronic magazine, This Week in Consumer Electronics (TWICE), reports that Kenwood has agreed to merge in 2008 with Victor Company of Japan (JVC) under a holding company. JVC is owned by Matsushita Electric Industrial Company. Japan's Nikkei business newspaper reports that the final details should be worked out by the end of the month, and that under the plan, Kenwood will buy 20 billion yen (\$161,469,466) in JVC shares as early as this summer, raising its stake to 13 percent. Matsushita will also sell part of its 52.7 percent of JVC to Kenwood's top shareholder, the Sparx Group. When JVC and Kenwood integrate operations under the holding company in 2008, Matsushita will sell the rest of its JVC shares to the holding company to complete the transaction. The holding company's stock will be listed instead of Kenwood and JVC, according to Nikkei. Combined, Kenwood's and JVC's sales are \$7.3 billion dollars annually for their fiscal year that ended March 31.

From The ARRL Letter, July 06, 2007

FCC RESPONDS TO ARRL'S BPL BRIEF

On Monday, July 2, the FCC filed its reply brief with the US Court of Appeals for the District of Columbia Circuit. The FCC attempted to rebut the ARRL's challenge to the FCC's Broadband over Power Line (BPL) rules enacted in late 2004 and affirmed by the agency in 2006. According to ARRL General Counsel Chris Imlay, W3KD, "The FCC's brief does not accurately describe ARRL's arguments concerning harmful interference."

Given what is in essence a 100 percent probability of interference from BPL systems to fixed and mobile HF facilities at significant distances from power lines, Imlay said Section 301 of the Communications Act does not allow unlicensed BPL systems to operate in the HF bands. "Basically, Section 301 says you can not operate a radio frequency emitting device without a license. The legislative purpose of Section 301 is clearly to avoid interference. FCC's Part 15 rules have assumed that certain very low power devices and systems can operate without predictable interference, thus allowing them to operate without a license, notwithstanding Section 301. But with BPL, the FCC has ignored conclusive record evidence which shows that there will be, and in fact our experience conclusively demonstrates, that BPL causes severe interference to licensed services," Imlay said.

The FCC claims that it has the authority to permit unlicensed BPL under Section 302 of the Act; this section allows the FCC to regulate the interference potential of RF devices. What Section 302 does not do, Imlay said, is to create a loophole in, or modify, or invalidate Section 301.

"It is the ARRL's position," Imlay said, "that the FCC can regulate and authorize BPL with certain safeguards, consistent with the terms of Section 301; however, the FCC simply cannot honestly maintain the position that BPL has an inherently low interference potential. It has a high interference potential, and the rules they have enacted to date are woefully inadequate and insufficient to address it." The ARRL has long maintained that BPL, when not adequately "notched," causes harmful interference to Amateur Radio operations. In its brief, the FCC claims BPL does not cause significant interference and the Courts must defer to the FCC's expertise to decide this issue.

ARRL Chief Executive Officer David Sumner, K1ZZ, said, "The FCC misrepresents the ARRL's position as being that the FCC has no authority to allow unlicensed devices that pose any risk whatsoever of causing interference to licensed services. That's not our position at all. Our position is that the FCC possessed clear evidence, at the time it made its BPL decisions, that the limits it was adopting would allow the deployment of BPL systems with a near-100 percent probability of causing harmful interference to radio receivers hundreds of feet from the power lines. Yet, despite this evidence it characterized the likelihood of harmful interference as 'low."

The brief goes on to say that, in the FCC's view, mobile stations and fixed stations are protected against harmful interference from BPL. But with respect to mobile stations complaining of interference, the FCC requires only that BPL operators reduce the radiated emission levels to 20 dB below the Part 15 maximum levels for radiated emissions. This, in the HF bands, still permits BPL noise at levels that preclude communications entirely. It offers mobile stations no protection whatsoever, Imlay stated.

Sumner explained, "The FCC claims that it continues to protect mobile stations from harmful interference, but it does so simply by defining whatever interference a mobile station might encounter from a notched BPL system as not harmful! None of the steps to limit the interference potential of BPL systems that the FCC took in this rulemaking proceeding reduce the likelihood of interference to the amateur service, and to this day the FCC has declined to enforce its rules even when protracted violations and interference have been documented."

The FCC's brief also attempted to justify its presumption that a BPL radiated interfering signal decays at a rate of 40 dB per decade of distance. "A 'decade of distance' is a factor of 10," Imlay explained. "For example, if a victim receiver moves from 3-30 feet from the power lines (10 times farther away), that is one decade of distance. For each decade of distance, the FCC believes that there is a 40 dB signal decay. In the HF bands, however, the evidence in the record shows that the signal decay is closer to 20 dB than 40 dB per decade of distance from the power lines. The FCC's brief claimed that there was conflicting evidence on the subject, but ARRL's view is that the FCC merely avoided consideration of the overwhelming evidence favoring the more conservative decay factor."

Imlay said the ARRL has asked the Court to order the FCC to "rethink the rules governing BPL and for the first time to take into account the evidence on the record concerning harmful interference to Amateur Radio." ARRL's reply brief is due for filing with the Court July 28, 2007. There is no date set yet for oral argument before the three-judge panel in Washington, DC.

From The ARRL Letter, July 27, 2007

FCC COMMISSIONER LAUDS BPL IN HOUSE TESTIMONY; ARRL RESPONDS

On July 24, FCC Commissioner Jonathan S. Adelstein testified at a House Subcommittee on Telecommunications and the Internet hearing that "three of the many urgent priorities we face" include the need for "a national broadband strategy to ensure the ubiquitous deployment of affordable, high speed broadband infrastructure to this country." FCC Chairman Kevin Martin and Commissioners Tate, McDowell and Copps testified as well at the "Oversight of the Federal Communications Commission" hearing.

ARRL Chief Executive Officer David Sumner, K1ZZ, responded via fax on July 25 to Commissioner Adelstein's remarks. "I cheered silently when I came to your reference to the 'current anemic definition of high-speed' that includes service that is too slow to meet citizens' reasonable expectations," he wrote. "I was even more impressed with your statement in the next paragraph, 'We must take a hard look at our successes and failures.""

Sumner, however, expressed "great disappointment" over Adelstein's reference to "broadband over power line" (BPL) as "a technology deserving of 'increasing incentives for investment.' None of your colleagues' testimonies contain a similar reference," he pointed out.

Sumner reiterated the ARRL's position with regard to BPL technology and "its propensity to interfere with radio communication, a flaw that is not shared by other broadband delivery platforms. As long as interference is avoided," Sumner said, "it is of no concern to us whether private investment is devoted to BPL. However, we must object to your identification of BPL as a technology that is particularly deserving of favorable public policy treatment."

Calling the FCC's "inexplicable favoritism of BPL in the face of contrary evidence" one of the Commission's "failures," Sumner noted that according to the Commission's own latest figures, "of 64,600,000 'high-speed' lines, only about 5000 are BPL. This is a share of 0.008 percent, a share that actually declined in the six-month period between reports--and if an 'anemic' definition were not used, none of the 5000 or so BPL lines would qualify."

ARRL's concern, Sumner said, at the "prospect of an even greater encouragement of BPL, as your testimony suggests, is that--even at the very low level of deployment that exists to date--the FCC's enforcement efforts have proved to be woefully inadequate to address ongoing cases of harmful interference from BPL systems."

Sumner went on to note "one example of documented interference (Enforcement Bureau File No. EB-06-SE-083) has been caused by the Ambient Corporation's Briarcliff Manor, New York installation for more than three years without being corrected and without penalty to the system operator...If the Commission is unable to protect its licensees from harmful interference from BPL now, it is difficult to imagine how it will be able to do so should BPL be more widely deployed in the future."

Sumner also attached a letter from William E. Burton, Chairman of the Public Safety and Security Committee of the Westchester County Board of Legislators. Burton's letter described the interference BPL is causing to local Amateur Radio operators in the village of Briarcliff Manor. He stressed that the FCC "should require that...Ambient cooperate with the ARRL and its BPL technical experts forthwith...This would include both the current experimental system, as well as any future or 'second generation' technology."

Burton's letter went on to say that "the best way for the FCC to promote a new technology while protecting public safety...[is to] make clear that complaints concerning harmful interference are taken seriously." Sumner concluded his comments: "We respectfully submit that BPL has not earned a place in the much-needed national broadband strategy to benefit all Americans. Resources are better devoted elsewhere, to more promising technologies that do not pose a threat to the Commission's radio service licensees."

Meeting Minutes

General Meeting, July 9, 2007



--The meeting was called to order at 7:33 PM with introductions. 32 members and 4 guests were present.

General reports and announcements:

--JohnParks, W6JPP summarized his Field Day report: "We had fun and ate well". The club scored 1,576 points under poor band conditions (a preliminary breakdown and comparison to past scores was printed in the SCCARA-GRAM). The HF station lost some time for setup problems. We copied one ARRL bulletin and ran PSK31 for the first time. The Allustiarti family had 3 generations present. Greg Lane, KF6FNA, reviewed preparations, and several needed improvements for next year, like the use of a checklist. Don Village, K6PBQ, reviewed CW operations. The antenna trailer can remain at current location for the coming year, with improved security. --Congratulations to Ned Tufekcic, AE6YY, who took 1st place in SCV Section in the ARRL CW Sweepstakes QRP class, and 3rd place West Coast Division.

This is the last meeting to be held at Kaiser Santa Clara, which closes this month. The general meetings will be held at Kaiser Santa Teresa, Building 255 (Engineering), until the end of the year. The conference room is on the 2nd floor. Maps will be included in the next bulletin and on the web site.

--The Electronics Flea Market on 7/14 is sponsored by PAARA. SCCARA has provided volunteers to help out in the past, and will be welcome to do so this month.

-- The SVECS breakfast will be on 7/28 at the Senior Center in Sunnyvale. The ARRL Pacific Coast Director is the speaker. --There will be a tour of Radio Marine Station KPH at Pt. Reyes on 8/18 (all day). A chartered coach trip will start from Menlo Park at 10:00 AM. The tour will include the transmitter and antenna sites, operation of radios on ham bands, and lunch. The cost will be \$40/seat. Sponsored by PAARA. Cutoff for reservations will be in the 1st week of August. See Clark Murphy, KE6KXO.

--Section Manager N2RHV, Bill Dale, gave a Section Report. He visited 5 FD sites but could not get to Mt. Madonna, which he promises to do next year. K1TW, Tom Walsh, is running an improved section web site. Contact K1TW@arrl.net with information you would like included.

--WB6YRU, Gary, has back issues of World Radio and other club newsletters for grabs, stapler still for sale.

Evening Program:

The featured speaker was Don Steinbach, AE6PM. His presentation was on the design and construction of a Battery Voltage Booster, which he became interested in as a way to resolve problems most modern transceivers have when 12V batteries begin to discharge. The design was based on the N8XJK article in the November 2004 QST. Theory, component sources, building tips, test results, and a new commercial version from MFJ were well-presented and well-received.

Closing Remarks and Announcements:

--Jim, KG6UDW, talked about the group visit to Don Johnson (who is 90 yrs old this month). He has 22,000 hours of flying in he Navy, and lots of stories. Don sent a picture of the Western Division convention hosted by SCCARA in 1954. Jim had it scanned an has made electronic copies available on request. Some of the local legends will try to identify some of the people in the picture.

--The SCCARA Annual Picnic is coming either 9/15 or 9/22, TBD at board meeting.

The meeting was adjourned formally at 9:21 PM.

Minutes submitted by Mike Aronoff

Board Meeting, July 16, 2007



The meeting was called to order at 1932 hours.

The following members were in attendance: Jim Tyranski, KG6UDW, President Fred Townsend, AE6QL, Vice President Don Steinbach, AE6 PM, Director & Treasurer Wally Britten, KA6YMD, Director Ned Tufekcic, AC6YY, Director Lou Steirer, WA6QYS, Director Mike Aronoff, WB0TOW, Secretary Gary Mitchell, WB6YRU, Editor John Parks, W6JPP, Acting Net Control Clark Murphy, KE6KXO, (immediate past president) Gwen Steirer, KF6OTD, Visitor

President's Report

-Jim reviewed Field Day, and noted that all the safety precautions paid off. Issues to be addressed next year include locking out non-contest bands in the logging software (11 contacts were improperly logged on 17 meters), and the need to use mid-level guy ropes on the trailer tower.

-The Saratoga club gained points by formal message handling. Pink Foster, KG6ILA, has been asked to speak at the November general meeting on the traffic system and formal message handling.

-The date for the SCARRA Annual Picnic was discussed. It was moved by Lou Steirer and seconded by Don Steinbach that the date be set as September 15th. Accepted without objection.

Secretary's Report

The minutes from the last meeting were read without objection. Note: The date on the minutes published in the last SCCARA-GRAM should have been 6/21/07.

Treasurer's Report

- The SCCARA checking, savings and cash on hand totals \$5,303.66 after \$211.81 for antenna trailer tires, but before reimbursement of Field Day expenses.

-Receipts for \$235.83 were presented. It was moved bt Fred Townsend and seconded by Lou Sterier that the treasurer write checks to cover the expenses. Approved without objection.
- It was moved bt Fred Townsend and seconded by Lou Steirer that the treasurer

reimburse Jim Tyranski for the cost of copying and scanning the photo of the 1954 convention (on loan from Don Johnson). Approved without objection.

Vice President's Report

-Fred will need help setting up for the general meetings in the new location due to increased travel time. Don Steinbach and Lou Steirer will visit the room before the next meeting to see what will be available.

-Work will resume on the 440 MHz repeater in August, to get is in operating condition.

-Fred did further analysis on the Battery Boost circuit presented by Don Steinbach at the general meeting, and found a potential RF noise problem. A follow-up article will be submitted for the newsletter.

-August and September general meeting speakers have to be confirmed. John Parks has talked to Cookie Crissman about speaking in October. She is from Operation Care & Comfort, the organization providing military care packages for deployed service members.

Newsletter Editor's report

-Gary requested that the deadline for submission of articles (last Monday of each month) be more scrupulously observed. The alternative has to be that submissions will be delayed a month or omitted. Gary also asked that committees and officers submit their reports for publication.

-The BBS is up and running, but the 220 MHz port appears not to be working. There was a discussion about user familiarity, and it was noted that it has been a couple of years since the subject was presented at a general meeting. Ned "volunteered" to prepare a demonstration for an upcoming general meeting.

Old Busines

-John Steinbach reported that pricing of repeaters for upgrading existing equipment continues. John Glass got a quotation for a TKR-850 for \$1,100 plus shipping, including an internal controller, CW id, PLL, and interface to the clubs existing controllers.

-A donated used Titan DX HF vertical antenna has been restored and set up at Clark's QTH.

-Lou Steirer reported that the PAARA De Anza Flea Market had excellent attendance of both buyers and sellers. SCCARA's turn is next month. Lou circulated the sign-up list and is soliciting for volunteers. Contact WA6QYS.

New Business

-John Parks is organizing a tour of the Force 12 factory in San Luis Obispo for a Saturday in late October or early November. Some discounts may be available. Contact W6JPP if interested.

The meeting was adjourned at 2050 hours.

Minutes submitted by Mike Aronoff.

Packet Pieces

Downloaded from the packet network:

Today's Joke

A man had just moved from his apartment in NYC, to a big farm way out in the country side. Just days after he moved, he realized he was out of chicken feed, so he went down to the nearest store which was a good 2-hour drive away.

"Can you get me some chicken feed?" the man asked.

"Yup, but ya can't have none unless you can prove to me you actually gots chickens. Don't want no one eatin' it or nothin' an' gettin' sick," the clerk responded.

He argued with her a bit, but finally gave in and took a two hour drive back and forth once again, this time with the chicken. "Here's my chicken. Now get me the chicken feed."

He got his feed and drove home. The next day he ran out of dog food. Once again, he drove down to the store, foolishly not thinking about bringing his dog. It was the same case. He had to present his dog to the stubborn clerk. He went back home and retrieved his dog, and got his dog food.

The next day he went down to the store again, this time with a shoe box with a lid on it that had a hole in the top. He walked into the store and said to the clerk, "Put your finger in this, take it out, and smell it."

"That smells like... crap!" she said with a look of surprise.

"Yup, need toilet paper."

Daily Thoughts

"There are still places where people think that the function of the media is to provide information."

Morning people: "Early to bed and early to rise makes a man healthy, wealthy, and wise." Night people: "Anybody who goes to bed the same day they got up is a quitter."

Last Laugh

A young and foolish pilot wanted to sound cool on the aviation frequencies. So, his first time approaching a field during the nighttime, instead of making any official requests to the tower, he said, "Guess who?"

The controller switched the field lights off and replied, "Guess where?"

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 fill out an Elmer form from the club secretary.

Antennas, feed-lines, tuners: WB6EMR, K6PBQ, WB6YRU Lightning protection, grounding: WB6YRU Station set-up, equipment: K6PBQ TVI/RFI: WB6YRU Homebrew projects, construction: KD6FJI, WB6YRU Computers: KB6NP; IBM PC: WB6YRU Packet Network (BBS, forwarding): WB6YRU Code operating and installations: WB6EMR, K6PBQ DX (long distance/propagation): WB6EMR Emergency operating/preparedness: WA6QYS FM (VHF/UHF, repeaters): HF operating techniques (SSB, CW): WB6EMR, K6PBQ Classes/license upgrading: W6ACW Legal/FCC rules: WB6YRU SCČARÁ (club inner workings): K6PBQ, WB6YRU, WA6QYS Children's Discovery Museum, volunteer operator: K6PB0 EchoLink: KK6MX W6ACW, Ed Hajny, (408) 739-6105 WB6EMR, James D. Armstrong, Jr., evening & msg: (408) 945-1202 KD6FJI, Lloyd DeVaughns, (408) 225-6769 e-mail: kd6fji@arrl.net KK6MX, Don Apte, (408) 629-0725 e-mail: kk6mx@aol.com KB6NP, Jon Dutra, day & msg (408) 428-2058 evening (408) 867-8654 packet: home BBS NOARY e-mail: iad@aol.com K6PBQ, Don Village, (408) 263-2789 WA6QYS, Lou Steirer, (408) 241-7999 packet: home BBS NOARY WB6YRU, Gary Mitchell, msg (408) 265-2336 also (408) 269-2924 packet: home BBS NOARY e-mail: wb6yru@ix.netcom.com

Newsletter Notes

Good news and not so good news...

Recently I mentioned that one box of the editor's records and several individual folders from another box were missing from the storage cabinets.

The good news is that box was found. The not so good news is those folders from the other box are still missing.

If you borrowed the SCCARA-GRAM records of **March through May 2000**, please contact me or just hand them over. Or if you have an idea of who might have them, please let me know. We're not interested in blaming, we just want the records returned. If there's any possibility that you even *might* have them, please look. *Someone* has to have them or at least know where they went.

If anyone wants copies of back issues, I'll gladly make copies of any we have. I'll even do so from the original masters, (if we have them). Just ask.

73, Gary WB6YRU, editor





SCCARA Santa Clara County Amateur Radio Association PO Box 6 SAN JOSE CA 95103-0006





ADDRESS SERVICE REQUESTED

SCCARA Membership Form for 2007 (Fill in name and call only if renewing and no info has changed)

Name:	e: Call:		1:	Class: E A G T+ T N Licensed since (yr):	
Address:					
City:	State:	Zip:		Licence Expiration Date (mo/yr):	
Telephone: ()	=	w Member also a memb	□ Renewal Der of the ARRL		-
E-mail:				Packet:	
Annual membership dues are payable at the first o New members joining on or after July 1, pay half t Annual Membership dues:	he membership	o dues.	C		
For family memberships (at the same address), ple					
I want the newsletter by:	ail	internet (ma	ke sure your e-n	nail address is legible and correct)	
Give this completed form (or copy) with payment	to the Secretary	y or Treasure	r at any meeting	or mail to the club address.	Rev. 1/16/20