

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 19, Number 7

July 2003

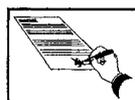


## President's Prose

Clark Murphy, KE6KXO, is this year's Field Day Chairman. He said he would take the job only if we went to Mt. Madonna. At the time when he made that statement, there was a good possibility that we would be going to be with another group at a park in the city of San Jose. When the other group announced that they were not going to have the stations at a public park, as they did last year, Clark made good on his promise. Thank you Clark for stepping up to the plate, and taking the job of Field Day Chairman. I hope all that attended this year's Field Day had a good time. There was plenty of food, fun, and transmitting/receiving. One of these years, I hope we can have Field Day in the city. It would make it easier for more members as well as the public, to get to the event.

What can we do to let the public know we are around, what we do, and how easy it is now to get an amateur radio license? I would appreciate any suggestions. The club members know the value of being an amateur radio operator. In a disaster, the only form of communication that works is ham radio. One of the purposes of this club is to demonstrate the value of being an amateur radio operator. We need to get out before the public more often. How do we do this? We are meeting the public at Field Day, and our yearly picnic. We need to do more, to be out there before the public eye more often. Could we set up in a shopping mall on a weekend? We could advertise in the newspaper, on our web site, and on the cable news stations of our location. How difficult would it be to set up the antennas, so that can send and receive transmissions? We need some ideas that would spark some new life into this club. All suggestions will be taken up at Board meetings. Send your suggestions to me by regular mail, e-mail, or call me. My e-mail address is: kd6qei@arrl.net. My phone number is: 408-293-3847. My address is: 585 So. 14th St, San Jose, CA 95112. I hope to hear from you soon, and thanks for your help.

Barbara, KD6QE1

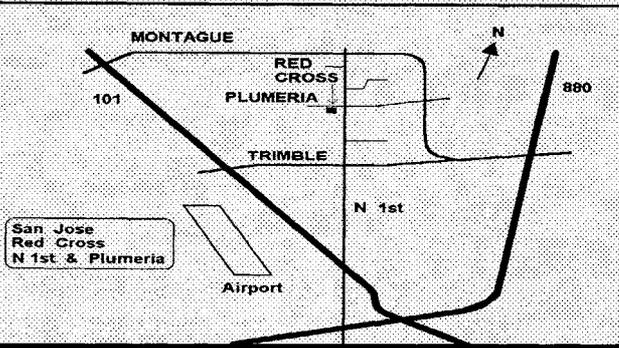
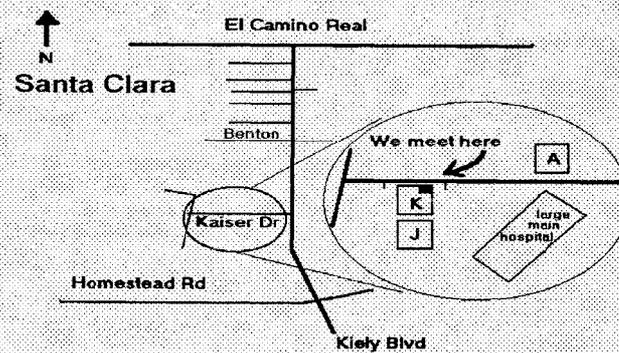


## Calendar

- 7/12 Foothill Electronic Flea Market
- 7/14 SCCARA General Meeting
- 7/21 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 8/11 SCCARA General Meeting

### General Meeting:

- Day: Monday, July 14, 2003
- Time: 7:30 PM
- Place: Kaiser Santa Clara, Bld K, Rm 1
- Featuring: {to be announced}



# News from the ARRL

From *The ARRL Letter*, June 6, 2003

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 one week before 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>.

## OFFICERS - DIRECTORS - STAFF

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Director	Don Village, K6PBQ	263-2789
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Editor	Gary Mitchell, WB6YRU	265-2336
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	e-mail: <a href="mailto:ka6ymd@arrl.net">ka6ymd@arrl.net</a>	
N0ARY BBS	Gary Mitchell, WB6YRU	265-2336
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## SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

2 meter: 146.385 + PL 114.8  
70 cm: 442.425 + PL 107.2

Phone auto-dial and auto-patch is available. The two meter repeater is located at the Santa Teresa Hospital, south-west San Jose (near IBM). The 70 cm repeater and N0ARY 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 K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally KA6YMD. Visitors welcome.

## N0ARY PACKET BBS

SCCARA hosts the packet BBS N0ARY (San Jose). User ports: 144.93 (1200 baud), 433.37 (9600 baud), telephone 408 259-8497, internet (by registration only, get info by sending e-mail to: [info@n0ary.org](mailto:info@n0ary.org)). Sysop: Gary WB6YRU

## TELEPHONE NUMBERS

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

## NEW 60 M BAND TO BECOME AVAILABLE JULY 3!

The new five-channel 60 meter amateur allocation becomes available to US Amateur Radio operators at midnight (12:00 AM) local time on July 3. The local time designation means that amateurs in the US territory of Guam likely will be the first to get a crack at the new band.

The new band will be a secondary allocation--federal government users are primary--and the first on which the only permitted mode will be upper-sideband (USB) phone (emission type 2K8J3E). The FCC last month announced it would grant hams access to five discrete 2.8 kHz wide channels instead of the 150 kHz-wide band ARRL had requested and the FCC initially proposed. The League remains optimistic, however, that Amateur Radio eventually may be able to enjoy a band segment with multiple mode privileges at 60 meters. ARRL CEO David Sumner, K1ZZ, has said that in the meantime hams will have to be on their best behavior when taking advantage of the limited channelized allocation, open to General and higher class licensees.

The FCC has granted amateurs center-channel frequencies of 5332, 5348, 5368, 5373 and 5405 kHz--the last channel common to the amateur experimental operation under way in the United Kingdom <<http://www.rsgb-hfc.org.uk/5mhz.htm>>. To be "on channel," users of 60 meters should set their transmitted carrier frequency 1.5 kHz lower than the channel-center frequency. In terms of day-to-day operation, the new band is expected to resemble the sort of channel sharing typical on local repeaters.

ARRL Laboratory Manager Ed Hare, W1RFI, says hams need to be very careful if they're considering modifying their current transceiver or transmitter for 5 MHz. The ARRL advises that members check with the appropriate equipment manufacturers regarding specific modification information. Some modifications not only may void the warranty but could affect or alter a transmitter's operation in unpredictable ways.

"Hams need to be sure that any modifications put them right on the desired channel," Hare said. "Most hams are used to just having to think about band edges, so on other bands, if a mod were a bit 'off,' all operators would need to ensure is that they are not transmitting outside the band."

Hare recommended that on 5 MHz amateurs remain within "a few tens of Hertz" of suppressed-carrier accuracy. He also pointed out that hams have a mandate not to have any of their signal occupy spectrum outside the assigned 2.8 kHz channels.

Noting that high-frequency audio response can vary considerably from radio to radio, Hare has suggested restricting occupied channel audio bandwidth to 2600 Hz, rolling off below 200 Hz on the low end and above 2800 Hz on the high end.

Last-minute opposition to the granting of a band segment at 5 MHz came last year from the National Telecommunications and Information Administration (NTIA), which cited the ongoing spectrum requirements of federal government licensees having homeland security responsibilities. The NTIA administers spectrum allocated to the federal government. A compromise between the FCC and the NTIA resulted in the limited, channelized allocation.

The NTIA selected the channels the FCC authorized to minimize the possibility of interference to federal government users, and it dictated the use of USB so that federal government users--who also use only USB--could readily identify amateur stations if necessary.

The FCC has set maximum power at 50 W ERP and said it would consider a typical half-wave dipole to exhibit no gain.

From *The ARRL Letter*, June 20, 2003

## **ARRL URGES INFORMED COMMENTS IN FCC BPL INQUIRY**

The ARRL is urging amateurs to file well-thought-out, informed comments when responding to the FCC's Broadband Over Power Line (BPL) Notice of Inquiry (ET Docket 03-104). The FCC published its NOI on May 23. The NOI asks how the FCC should regulate the delivery of broadband services to homes and businesses using electrical wiring to conduct high-speed digital signals. While the FCC has dubbed this technology Broadband over Power Line, it's more commonly known as Power Line Carrier or PLC.

BPL would use building and/or overhead power lines to conduct HF and low-VHF digital signals to network computers. The FCC has expressed its unabashed enthusiasm for BPL, which it views as a competitive Internet access point. Utilities consider BPL as another means to use existing infrastructure to generate additional revenue.

The NOI is not asking if BPL technology should be permitted. Under existing FCC rules, BPL systems may be built and used in the US right now. The FCC is asking how the rules might be changed "to promote and encourage new BPL technology," in the words of the NOI.

Present FCC Part 15 rules say that carrier-current systems--including BPL/PLC--need to meet the general radiated emission limits for unlicensed "intentional emitters." While the rules permit BPL at significant power levels, utilities would prefer that the FCC authorize even higher

power levels. BPL systems under development and in field trials use spectrum between 1.7 and 80 MHz, but the NOI also asks whether BPL should operate on other parts of the spectrum as well.

As of mid-June, nearly 1000 comments already had been filed in the proceeding. The ARRL has urged amateurs who comment to outline the important uses they make of Amateur Radio and the impact strong interference from BPL could have at HF and low-VHF amateur frequencies.

Electric utility companies will operate many, if not most, BPL systems. ARRL members who have had experience dealing with power line interference and utilities' responses to complaints also may want to describe those experiences in their comments to the Commission.

Amateurs filing comments to the FCC NOI might want to consider these topics and points:

- Amateur Radio is a valuable resource that must be protected.
- Describe the uses you make of Amateur Radio, especially those with a public service or emergency communication aspect.
- The present FCC Part 15 limits for this technology already can result in substantial interference potential to amateur frequencies.
- BPL systems that radiate on wide swaths of spectrum and occupy entire neighborhoods have greater interference potential than localized systems, such as switching power supplies or electric motors.
- The FCC has promised to protect licensed users of the spectrum. We must hold them to that promise.

For more information, see "Understanding the FCC's Broadband Over Power Line (BPL) Notice of Inquiry" <<http://www.arrl.org/news/features/2003/06/19/2/>>. An ARRL white paper, "Calculated Impact of PLC on Stations Operating in the Amateur Radio Service" <<http://www.arrl.org/tis/info/HTML/plc/files/C63NovPLC.pdf>> provides technical details. The ARRL's Broadband Over Power Line resource page contains links to worldwide studies and other resources.

The ARRL has initiated an important Spectrum Defense Fund campaign to support activities to educate government officials on the potential threat that BPL poses to Amateur Radio. To find out more, or to support ARRL's efforts in this area, visit the ARRL's secure BPL Web site <<https://www.arrl.org/forms/development/donations/bpl/>>

The complete NOI is available on the FCC Web site <[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03)>

Comments are due on or before July 7, 2003. Reply comments are due on or before August 6, 2003. Interested parties may submit electronically filed comments via the FCC's Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>. Under ECFS Main Links, click on "Submit a Filing." In the "Proceeding" field, enter "03-104" and complete the required field. Comments may be typed into a form or you may attach a file containing your comments. Comments also may be submitted via e-mail, per instructions on the ECFS page.

## 60 METER RULES ADD NEW RECORD-KEEPING REQUIREMENT

When the five new 60 meter channels become available to US Amateur Radio operators at midnight (12 AM) local time on July 3, the rules will impose a new record-keeping requirement for hams. The requirement applies only to those using something other than a simple half-wave dipole for an antenna on the 5 MHz allocation.

According to 97.303(s), a half-wave dipole on the 5 MHz allocation will be presumed to have a gain of 0 dBd. "Licensees using other antennas must maintain in their station records either manufacturer data on the antenna gain or calculations of the antenna gain," the newest addition to the FCC's Amateur Service rules says.

Because the new rules also require hams to run no more than 50 W effective radiated power (ERP) on the new channels, the choice of antenna becomes an important compliance factor. The FCC rules stipulate, "For the purpose of computing ERP, the transmitter PEP will be multiplied with [sic] the antenna gain relative to a dipole or the equivalent calculation in decibels."

If you use a half-wave dipole--about 87 feet 3 inches for the "middle" channel according to the formula--setting your transmitter's power output power at up to 50 W peak envelope power (PEP) should ensure compliance.

Under no circumstances may amateurs on 5 MHz radiate more than 50 W ERP in any direction, so those choosing to employ gain antennas will have to "do the math" and calculate their ERP. They also will have to keep a record of such antenna gain calculations on file. This might include documentation such as output from a computer modeling program for a homebrew antenna design. For example, an amateur using an array for 5 MHz exhibiting a calculated or modeled gain of 3 dB would have to cut power to 25 W PEP to comply with the new rules.

Operating on 60 meters is the subject of the July 2003 QST "It Seems to Us..." editorial <<http://www.arrl.org/news/features/2003/07/01/1/>> by ARRL CEO David Sumner,

K1ZZ. "If we demonstrate that we can use [the 60 meter channels] responsibly, cooperatively and in the public interest, there is no reason we cannot seek expanded access at an appropriate time," Sumner wrote. "If your personal operating practices are inconsistent with that, please do yourself and everyone else a favor and confine your operating to the traditional bands."

The FCC Report and Order in ET Docket 02-98 is available on the FCC's Web site <[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-105A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-105A1.doc)>. The ARRL has posted a list of frequently asked questions concerning 5 MHz operation on the ARRL Web site <<http://www.arrl.org/FandES/field/regulations/faq.html#sixty>>.

From *The ARRL Letter*, June 27, 2003

## NO MORSE CODE CONTROVERSY AT WRC-03

Whatever else happens at World Radiocommunication Conference 2003 (WRC-03), there's no mystery about the delegates' direction regarding the Morse code requirement. Morse code proficiency will disappear as a treaty obligation for high-frequency access when the International Telecommunication Union (ITU)-sponsored gathering under way in Geneva concludes July 4.

"One matter on which there appears to be no disagreement is the Morse requirement," said International Amateur Radio Union (IARU) Secretary (and ARRL CEO) David Sumner, K1ZZ, in a report <<http://www.iaru.org/rel030623.html>> on the second week of activity at WRC-03. "It is clear that the outcome will be to leave it to administrations' discretion whether or not to have a Morse receiving and sending requirement." He said no administration participating in the sub-working group spoke in favor of retaining the Morse code treaty requirement.

The modification of Article 25.5 of the international Radio Regulations cleared Working Group 4C on June 24. Working Group 4C is dealing with this and other proposals relating to Article 25. The modified text says, "Administrations shall determine whether or not a person seeking a license to operate an amateur station shall prove the ability to send and receive texts in Morse code signals."

It's possible but unlikely that the text would be tinkered with further at the committee level or even in the Plenary, which considers items for adoption. Sumner said delegates continue to wrangle over other aspects of Article 25, which defines Amateur Radio operation.

Adoption of the Article 25.5 modification would not mean the immediate disappearance of the Morse requirement to operate on the amateur bands below 30 MHz. Each administration, including the FCC, would then decide whether or not to drop the requirement from its domestic

regulations. Some countries have indicated a desire to retain a Morse code requirement.

Sub-working groups this week funneled their reports to larger working groups assigned to tackle various pieces of the huge WRC-03 agenda. More than 2600 delegates and other participants are attending the four-week conference. For WRC-03, the IARU has fielded its largest team of observers at an ITU conference in more than a decade.

There's less consensus on efforts to secure a "harmonized" 300 kHz wide amateur allocation at 7 MHz. Sumner said initial discussions in Sub-Working Group 4C1 "were spirited and reflected sharp differences of opinion" between those advocating realignment and those favoring no change out of deference to the disruption that any realignment would cause broadcasting services now occupying 7.1 to 7.3 MHz in Regions 1 and 3, and the fixed services above 7.3 MHz that would be affected by any upward shift in broadcasting. Amateurs in the US and the rest of Region 2 enjoy a 300 kHz allocation from 7.0 to 7.3 MHz, but hams in the rest of the world, Regions 1 and 3, have only 7.0 to 7.1 MHz.

Three alternative proposals have been passed on to Working Group 4C. "The largest group favored realignment in two stages," Sumner explained. That group included the US, CEPT, CITELE and the African Telecommunications Union. The two steps would expand the band in Regions 1 and 3 by 100 kHz in 2007 and add the remaining 100 kHz in 2015. Other plans put forth contained longer time lines. By week's end, Sumner said, the issue could be passed on to Committee 4 and then to the Plenary, where items need two readings for ultimate WRC-03 approval.

The issue of an allocation for satellite-borne synthetic aperture radars (SARs) in the 70 cm band (432-438 MHz) also appears well on the way to resolution. "While it appears very likely that there will be an allocation, it will be secondary," Sumner explained.

Full reports on WRC-03 activities are available on the IARU Web site <<http://www.iaru.org/news-releases.html>>.

## CALIFORNIA ANTENNA BILL MOVES CLOSER TO GOVERNOR'S DESK

California's latest effort to pass an Amateur Radio antenna bill--Assembly Bill 1228--this week passed the state Senate on a unanimous 38-0 vote. Sponsored by freshman Assembly member Bob Dutton (R-63rd), the bill received unanimous approval April 10 in the California Assembly on a 67-0 vote. It now returns to the Assembly for its approval of minor wording changes made in the Senate. Given the prior unanimous vote, Dutton's office expects Assembly approval to be routine, however.

"Certainly the people seem to be speaking here," said ARRL

staff member and antenna expert Dean Straw, N6BV, who lives in San Francisco. "Perhaps Gov Davis should be alerted that there are 100,000 Amateur Radio operators in California--and that we are also voters, should there be a recall campaign." An effort under way to recall Gov Gray Davis, a Democrat, is said to be gaining ground.

The California legislature approved a nearly identical PRB-1 measure three years ago, but Davis vetoed it, because funds for required studies were not included in his budget. The new bill carries no price tag.

ARRL Southwestern Division Director Art Goddard, W6XD, expressed elation at the measure's unanimous California Senate vote. "That's a vote of appreciation and confidence for Amateur Radio in California," he said. ARRL Pacific Division Director Bob Vallio, W6RGG, spoke at an April 2 Assembly hearing on AB 1228. Dutton's office has recommended that amateurs who urge Davis to sign the bill stress its emergency communication benefits to the state, which has, by far, the largest number radio amateurs of any other state and nearly 15 percent of US total.

AB 1228 would incorporate the language of PRB-1 into the statutes of California. It would require any ordinance regulating Amateur Radio antenna structures not to preclude but to "reasonably accommodate" Amateur Radio communications, to allow amateur station antenna structures "at heights and dimensions sufficient to accommodate Amateur Radio Service communications" and to constitute "the minimum practicable regulation to accomplish the legitimate purpose of the city or county."

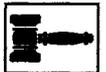
Senate-added language that the Assembly must now approve declares that the Legislature's intent in enacting the bill is to "codify in state law the provisions of specified federal regulations relating to amateur radio station facilities."

To date, 19 states have incorporated the essence of PRB-1 into their laws.

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## Meeting Minutes

### General Meeting, June 9, 2003



Introductions: 19 members, including 2 visitors. Barbara Britten, KD6QE1, President, welcomed them both. She explained a little about the club, its regular and Board meetings, and invited them to attend any meetings, and our next event, Field Day.

There was no speaker for the evening. The speaker for next month will be Karis Johnson of the U. S. Coast

Guard Auxiliary, to talk about what they are doing to safeguard our coastline, how amateur radio operators can help with that task as extra eyes and ears.

#### COMMITTEE REPORTS:

**PRESIDENT:** Most of Barbara's work now is getting the food ready for Field Day. As of this meeting, she has only one registration filled out, that of Don Village, K6PBQ. He is the first registrant every year. She explained that she wants the meat order of those who planned to attend Field Day, so the orders could be put in to the meat market in time for pick up on Friday, 6/27/03.

**TREASURER:** Not present. Excused absence.

**REPEATER:** No changes in any of the repeaters. Trish Gibbons still wants to do the testing of our repeater to see if it is still interfering with the Sacramento repeater. No date has been planned. Barbara reported that she had spoken to Tom Trich at Kaiser Santa Teresa. He had hoped that the construction crew would have mounted the cabinet for our repeater. It didn't happen. She asked him if there was any objection to having one of their engineers supervise three or four of our members to get the job done. He said that would be fine. Wally Britten, KA6YMD, will contact Tom to set up time and date to do the work. Ben Vickers, and Clark Murphy agreed to help on this project.

**SCCARA-GRAM:** Nothing new to report. He always needs more articles about our club events, and its members. The deadline for articles is the Friday before the last Monday in the month.

**BBS:** Nothing new to report,

#### OLD BUSINESS:

**FIELD DAY:** Clark Murphy, KE6KXO, Field Day Chairman, gave an update of the preparations. He has the rules for the event from the ARRL, and is making sure that we are following these so the points will count. He reported who will be doing the various stations. The Ankies will not be doing the GOTA station this year. The GOTA (Get On The Air) will be set up. Any licensed ham can operate the station if a visitor wants to work the station. The idea behind the GOTA station is to get non-hams, or hams that haven't operated in a long time, to be able to make some contacts. The goal of the GOTA station is to get people interested in being a ham, to get their own ham license. Clark also talked to members present, about what radios would be used for the stations we will have, and the operators to supervise each station planned. He discussed the logging process. The program to be used was designed by Gary Mitchell, WB6YRU, which tells the logging operator if there is a duplicate contact at the beginning of the transmission so there are no duplicating of points. Barbara Britten, KD6QEI, reported that she had received only one reservation so far. Don Village always manages to be first with his reservation every year. Gary Mitchell and Mike Hastings gave Barbara their reservations and money at this time.

**NEW BUSINESS:** There was none.

Meeting adjourned at 9:00 PM.

Barbara KD6QEI

## Board Meeting, June 16, 2003



Meeting began: 7:45 PM after the net.

Members Present:

Barb. Britten KD6QEI, Pres. Lloyd DeVaughns KD6FJI, Treas. Clark Murphy, KE6KXO, Dir. Don Village K6PBQ, Dir. Lou Steirer WA6QYS, Dir. Gwen Steirer KE6\*\*\*, visitor Don Apte, KK6MX, Dir. Gary Mitchell, WB6YRU, newsletter Wally Britten, KA6YMD, Repeater

No committee reports so that Board could concentrate on Field Day preparation.

Clark Murphy, Field Day Chairman: Clark Murphy reported that he had been to the locker and couldn't get in for non-payment. Barbara reported that she had the check and would be taking to them tomorrow. Clark also reported that SCCARA does not have a signed contract. Barbara said she would take care of payment and signing the contract on 6/17/03. Clark suggested that we pay them quarterly. Lloyd was instructed to cut a check for four months. Barbara suggested that the amount be left open and she would write it in when she got the right amount. The Board agreed. The check for one months rent was returned to Lloyd and voided. The problem came up because Lloyd had been ill, and things got mixed up.

Clark then talked about batteries for Field Day. Gary reported that we have three batteries, and that they are all charged and ready to go.

Radios to be used: ICOM 736 with mike and power cord; Kenwood 440, couldn't find mike or power cord; Astron (from Tanner estate), and a power supply, is at Wally's home. He will bring it to Field Day. There were other supplies at the locker that Clark removed for Field Day: 2 canopies, stepladder, lanterns, stove table, power cords, power heater, and stools. The old propane tanks will not be used any more as they can no longer be filled due to age. Clark will bring his propane stove, as well as Lou Steirer, and the Britten's will bring their stove. The old SCCARA stove will be disposed of as hazardous waste.

Clark discussed the logistics for Field Day. We are in need of new lighter weight tables, and waterproof. Clark left the picnic and food supplies for Barb to pick up.

Clark and Lou discovered that the lights on the antenna trailer were not working too well. They discovered that the wiring was pinched and deteriorated. Clark bought some 14 gauge, heavy duty, well insulated, outdoor wire and did some of the work. The rest he will do at Mt. Madonna before the trailer is returned to Don Hayden's home. A new sawhorse has been built to put under the tongue to support it properly. A Motion was made by Don Village, K6PBQ, to buy the necessary cable, and plugs, and inserts for the pipes,

to do trailer rewiring, and reimburse Clark for the wiring he bought. Seconded by Lou Steirer, N6QYS. Gary Mitchell, WB6YRU, amended the motion to include anything more to get the work done. Motion carried, unanimously.

Clark talked to Don Apte, KK6MX, about ATV transmission. Don said that there are too many trees to make it work. A helium balloon was suggested. Don said that might be possible.

Batteries: Wally has 2 deep cycle batteries that he will charge and bring to Field Day. A brief discussion ensued. Clark made a motion to buy 3 chargers for each of the 3 deep cycle batteries the club owns. Seconded by Don Village. Motion carried. Gary said that he would purchase the chargers for Field Day.

The antenna tower will be used for the phone station.

There is no one specifically assigned to do the GOTA station. When visitors come and want to get on the air, someone from SCCARA will be there to supervise. There has been a change in the GOTA rules. Last year the ARRL required 300 contacts for points. This year is only 100 contacts for the same points. Clark had a list of things to buy for Field Day, i.e., pins and t-shirts. These are one of the ways that the ARRL supports Field Day. Barbara took the order form.

SCCARA insurance has lapsed. A form has been faxed to me to fill out and fax back to them to get a quote. They will call me with the quote, then I shall write the check and mail it to them by overnight mail. They will then give us a binder. The insurance company will notify me when the binder is in effect. Clark made a motion to give Barbara a blank check to expedite this matter in a judicious manor. Seconded by Gary Mitchell. Motion carried.

There are only 3 meal sign-ups as of this Board meeting. Food is under control by Barbara.

Lou Steirer, WA6QYS, reported that he had invited Los Cumbres club to join us and help us out. He pointed out that the camping fee of \$18.00 should be waived, as a courtesy to encourage them to participate. We usually don't have that many people staying overnight anyway. Gary Mitchell, WB6YRU, made a motion to have SCCARA absorb the \$18.00 overnight camping fee for next year. Lou Steirer amended the motion to wave the fees from now until eternity. Motion seconded by Clark Murphy, KE6KXO. Motion carried. It is too late for this year, as the other clubs we have invited have already had their meetings for this month. Lou also suggested that the Sunday breakfast be a potluck, just like the current Saturday breakfast. It is too late for this year, but could be a consideration for next year.

The caravan group will met at Carl's Jr., at Almaden and Branham at 1:00 PM on Friday. They traveled on the SCCARA frequency, to the Manzanita camp site in Mt. Madonna Park.

Barbara offered to buy all the sodas that were left over from the flea market. Lou mentioned that there were diet and non-diet left over. Barbara was to call Lou to find out how much he had before she went food shopping for Field Day. Gwen reported that there were no hot dogs left

from the flea market either. Someone would have to bring hot dogs and buns for the Friday night potluck supper.

#### OLD BUSINESS:

Lou Steirer reported that ASVARO had not gotten SCCARA's check for the flea market. Lloyd made it out on May 13, for \$1000.00. Barbara mailed it in the envelope that Lou Steirer had given her. The treasurer has no record of a canceled check. It may be too early for the check to have been returned to SCCARA. Lou was to have looked into the matter, and report back to SCCARA.

#### NEW BUSINESS:

WARNING: The police are giving tickets out to people at Foothill College who do not have a parking ticket. Be careful! Make sure you get a parking permit when you go to the flea market.

MEETING ADJOURN @ 9:20 PM.

Barbara Britten, KD6QEI

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## Packet Pieces

### Downloaded from the packet network:

=====  
Date: 29 Jun 2000 22:39

From: AB7RG@AB7RG

To: FARCE@WW

Subject: Lost Diary Of Noah:  
-----

Lost Diary of Noah:  
=====

425 b.c. Day One

Dear Diary,

First day at sea. Whew! Just made it under the wire. The animals seem happy, but the lions and tigers are beginning to become restless, and it was a bad idea to put the rhinos, hippos and elephants on the starboard side, and the birds, insects, gerbils and hamsters port. Took some work to 'straighten' that one out, har har. Too tired to talk to God tonight. (Get Him started about the furies of His judgement, and He just goes on and on...) So, off to bed...

425 b.c. Day Three

Dear Diary,

Rain has stopped, finally, and there's not a whole lot of

land left to see. Saw a whole village's worth of people, all tied together in a pitiful attempt to save their own lives through common struggle. Sure glad I read those books about building my own shelter and surviving the Apocalypse; now if I can figure out what "canned rations" and "ferroconcrete bunkers" mean, I'll be in business.

Shem lost his left hand to one of the lions yesterday. God provided food, all right: a thick, mealy white powder that you could almost eat if you added a little salt water. The budgies didn't like it, though, and the koala bears kept yelping for fresh eucalyptus leaves.

425 b.c. Day Seven  
Dear Diary,

Time to sweep the decks. No time to write.

425 b.c. Day Seventeen  
Dear Diary,

God decided to "help" by giving me the power to understand the animals' speech. Imagine over fifteen thousand married couples, forced to live in cramped and confined conditions, squabbling over how much yummy white powder mixed with sea water they get to have. They also whine about how good they used to have it, on the green earth, eating trees and nuts and berries and each other. Can't sleep at night.

425 b.c. Day Twenty-Two  
Dear Diary,

Got so sick of white powder that we skinned and ate the unicorns. This caused quite a ruckus in the equestrian section, and morale among the cows and chickens has sunk to a new low. God has helped the situation somewhat by confusing the thoughts of the higher primates, thus keeping them from undoing the knots on their cages. Only problem is that they know they're being kept from thinking, and all I hear are anguished cries of "What are they DOING to us?" Meat was stringy anyway, and tasted like sandal thongs.

425 b.c., Day Thirty  
Dear Diary,

Can't sleep. Can't eat. Quelled mutiny by executing the centaurs as an example. Oldest son has developed strange religious beliefs based upon the frustrated mating cycles of our hyenas. Sight of humpbacked whale off port bow excited animals into thinking that God had sent it to destroy me and my family. The night has a thousand phantoms that torment my soul.

425 b.c., Day Thirty-Eight  
Dear Diary,

I can't be-LEEVE what happened today. You know Bobby Forester, that rilly cute guy in chemistry class? Get this: he walked over to where Sondra and I were talking, and he asked me out to the new James Dean movie with him! God, can you be-LEEVE it? Sondra was mortified! (And I know she digs guys with motorcycles, like, you know she went to see "Wild One" something like twenty jillion times? She's gonna grow up to be a skag, doncha know...) So now she's mad a me, but I gotta get some new crinolines because my old ones got chocolate syrup poured on them last week at the drive-in, so....

425 b.c. Day Thirty-Nine  
Dear Diary,

Becoming steadily less connected with day-to-day matters. Read yesterday's entry: thought someone else had written it. Had vision of strange birds. Have forgotten what land looks like. See no hope: God has forsaken me. Tomorrow I shall go into the hold and begin putting the animals out of their misery, and ending this charade once and for all. I shall begin with the gryphons and dragons...

73 & May the FARCE be with you! Clinton, AB7RG.  
AB7RG @ KB7FRV.AZ.USA.NOAM

=====  
Date: 23 Jun 2000 23:37  
From: AB7RG@AB7RG  
To: FARCE@USA  
Subject: An Amazing Golf Ball...  
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The Amazing Golf Ball...

These two guys were approaching the first tee. The first guy goes into his golf bag to get a ball and says to his friend, "Hey, why don't you try this ball?" He draws a green golf ball out of his bag. "You can't lose it."

His friend replies, "What do you mean you can't lose it?!" The first man replies, "I'm serious, you can't lose it. If you hit it into the woods, it makes a beeping sound, if you hit it into the water it produces bubbles, and if you hit it on the fairway, smoke comes up in order for you to find it."

Obviously, his friend doesn't believe him, but he shows him all the possibilities until he is convinced. The friend says, "Wow! That's incredible! Where did you get that ball?!"

The man replies, "I found it."

73 & May the FARCE be with you! Clinton, AB7RG.  
AB7RG @ KB7FRV.AZ.USA.NOAM

=====  
Date: 27 Mar 99 20:59  
From: WA1GDJ@K1UGM  
To: HUMOR@USA  
Subject: MY WIFE IS A LIAR  
-----

"That wife of mine is a liar," said the angry husband to a sympathetic pal seated next to him in the bar.

"How do you know?" the friend asked.

"She didn't come home last night and when I asked her where she'd been, she said she had spent the night with her sister, Shirley."

"So?"

"So, she's a liar! I spent the night with her sister, Shirley."

73 - Gil, WA1GDJ @ K1UGM

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## 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, 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): WA6VJY  
HF operating techniques (SSB, CW): WB6EMR, K6PBQ  
Classes/license upgrading: W6ACW  
Legal/FCC rules: WB6YRU  
SCCARA (club inner workings):  
K06HH, K6PBQ, WA6VJY, WB6YRU, WA6QYS

Children's Discovery Museum, volunteer operator:  
K6PBQ

W6ACW, Ed Hajny, (408) 739-6105

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

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

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

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

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@aenet.net, wb6yru@ix.netcom.com

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## Newsletter Notes

This issue was in the preparation process during Field Day. Stay tuned for the next issue to get the details of how we did.

As most of you know, we're all welcome to attend board meetings. I've been active in the club and attend most board meetings myself. Comments from non-directors are also welcome; however, only directors may make motions and vote on those motions.

In the minutes for the June board meeting (published in this issue), I noticed three or four places where it was noted that I made or amended a motion. I have no idea how that got recorded in the minutes. It isn't true! The minutes will have to be corrected.

As a non-director, I cannot make nor amend motions, nor can I vote on them. The most I or any non-director can do is suggest that a given motion should be made, then just sit there hoping one of the directors picks up that ball and runs with it. That's all that happened.

73, Gary WB6YRU, editor

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# S.C.C.A.R.A. Membership Form for 2003

(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: \_\_\_\_\_ - \_\_\_\_\_ Licence Expiration Date (mo/yr): \_\_\_\_\_

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

E-mail: \_\_\_\_\_ Packet: \_\_\_\_\_

For family memberships (at the same address), please fill out a separate form for each. Indicate the "primary member" for mailing purposes: \_\_\_\_\_

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.

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

Please send the repeater Auto-Dial/Auto-Patch codes (no charge, circle): ..... Yes  
WE MUST BE ABLE TO VERIFY YOUR AMATEUR RADIO LICENSE  
BEFORE ANY REPEATER CODES WILL BE SENT

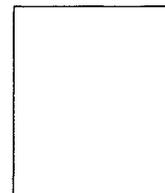
Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the return address below.

====> PLEASE DO NOT TEAR OR CUT FORM <====

**SANTA CLARA COUNTY  
AMATEUR RADIO ASSOCIATION**

PO BOX 6  
San Jose CA 95103-0006

Affiliate of the American Radio Relay League



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