

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 19, Number 8

August 2003



### President's Prose

We have made it through half a year. I think it has been a good year so far. We haven't had as many speakers at our meetings as I would have liked. The ones we have had were good ones. The speaker for August 11, is Bill Notley, Head of the NASA communications. He will talk about their emergency communications at NASA, and give us the frequency to talk to the astronauts when they are up in space. As of this date, Don Haden, KO6HH, has agreed to help find speakers for the rest of the year. Thank you, Don, very much. I really appreciate his help. The speakers will be listed in the newsletter, on our web site, and on the Monday night nets. If you don't want to check in on the net, please listen to them so you know what is going on in the club. Then you can choose which meeting you want to attend. I hope to see as many of you as possible at future meetings. It is always good to see our members at meetings.

I am going to go to Regional Medical Center and talk to the engineering department to see if they have made any progress on finding a pathway for a cable from the roof down to our radio station site in the basement. I would really like to get that station up and running before the end of the year. Wally works during the day and can't always break away to make calls or have a one-o-one meeting with the party's that be at the hospital. I'll let Wally know my findings.

October is election of officers. I will run again is no one else wants the position. If I am elected as President, it will be my last term. As promised in the past, if I step down from the presidency, I will take the position of secretary. If the club chooses to keep me as president, they have a year to find a new president.

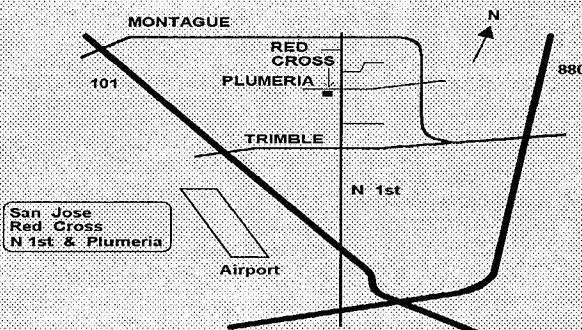
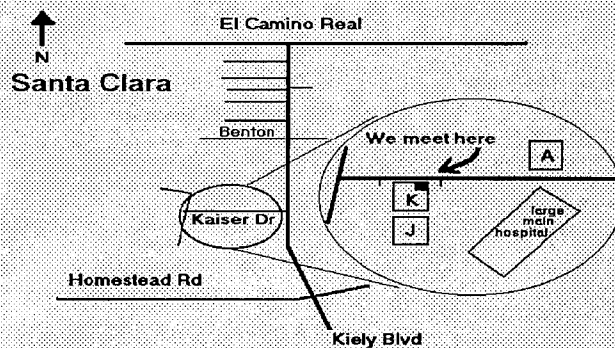
The annual picnic is scheduled for September 27, at Mary Gomez Park. We will need some white elephant gifts for the Bingo games. Bring a dish to share and your own meat to cook. SCCARA will provide the charcoal for the BBQ, plus sodas, plates, bowls, eating utensils, and napkins. There will be a radio station set up for transmitting. Come join us. I know that we will all have a lot of fun. I have

### Calendar

- 8/9 Foothill Electronic Flea Market
- 8/11 SCCARA General Meeting
- 8/18 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 9/8 SCCARA General Meeting

#### General Meeting:

Day: Monday, August 11, 2003  
Time: 7:30 PM  
Place: Kaiser Santa Clara, Bld K, Rm 1  
Featuring: {to be announced}



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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

President	Barbara Britten, KD6QEI	293-3847
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Secretary	- - -	
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Director	Don Village, K6PBQ	263-2789
Director	Lou Steirer, WA6QYS	241-7999
	e-mail: <a href="mailto:wa6qys@aol.com">wa6qys@aol.com</a>	
Director	Wally Britten, KA6YMD	293-3847
	e-mail: <a href="mailto:ka6ymd@arri.net">ka6ymd@arri.net</a>	
Editor	Gary Mitchell, WB6YRU	265-2336
	e-mail: <a href="mailto:wb6yru@aenat.net">wb6yru@aenat.net</a>	

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	e-mail: <a href="mailto:ka6ymd@arri.net">ka6ymd@arri.net</a>	
N0ARY BBS	Gary Mitchell, WB6YRU	265-2336
	e-mail: <a href="mailto:wb6yru@aenat.net">wb6yru@aenat.net</a>	

#### 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

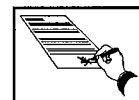
SCCARA hosts the packet BBS N0ARY (San Jose). User ports: 144.93 (1200 baud), 433.37 (9600 baud), telephone 408 259-8497, internet (by registration only, get info by sending e-mail to: [info@n0ary.org](mailto:info@n0ary.org)). Sysop: Gary WB6YRU

#### TELEPHONE NUMBERS

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

heard that a surprise desert may be planned.

I hope all of you are having a great summer so far. The weatherman has cooperated with is by providing some heat. Enjoy these days, relax, but wear sunscreen.



73 Barbara K. Britten, KD6QEI, President.

## **BBS Report**

The N0ARY BBS has been slowly been coming back to life. At this point it still won't forward traffic to or from the internet, but it is forwarding to local BBSs over the backbone nodes. Both user ports are working. So, it's finally usable now.

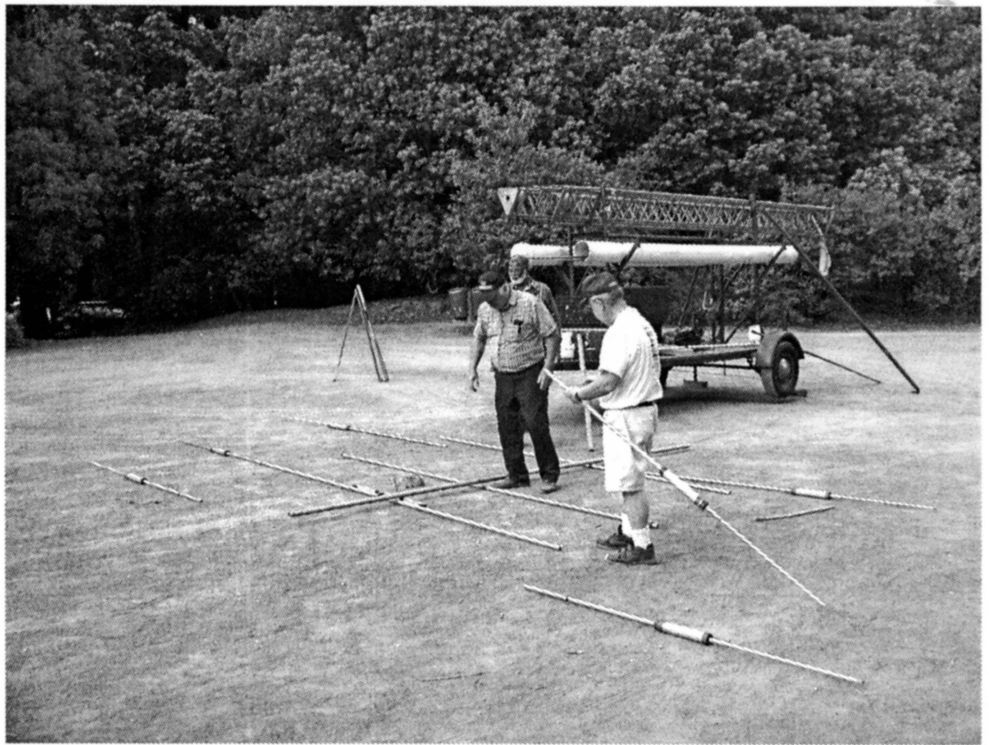
For those who haven't heard: Some time back the BBS computer (Sun Sparc 1+) suffered multiple failures. The hard drive was going out and a chip on the mother board developed a fault. We managed to get the drive working well enough to transfer its contents to a new drive and put into another computer (Sun Sparc 2). However, it wouldn't boot up. Thanks to Owen DeLong KB6MER, the system was fixed and it now boots properly. It was put back up at the site, but of all the ports, only the dial-in modem was working. It turns out one pin on the port card was bent over when the card was last inserted. That's been fixed.

This brings us to where we are now. All ports on the port serial card are now working, but one of the built-in ports is not (that's the one going to the rig for the backbone link). Also, the internet link is still not working. Its port and modem are working, it connects to Bob's system, but traffic doesn't flow. It looks like the problem may be at the other end of the link. We're working on that. Since there currently isn't anyone else on the 220 forwarding link, I swapped the backbone link radio over to the 220 port and altered the forwarding files to use that port instead, so now the BBS is forwarding.

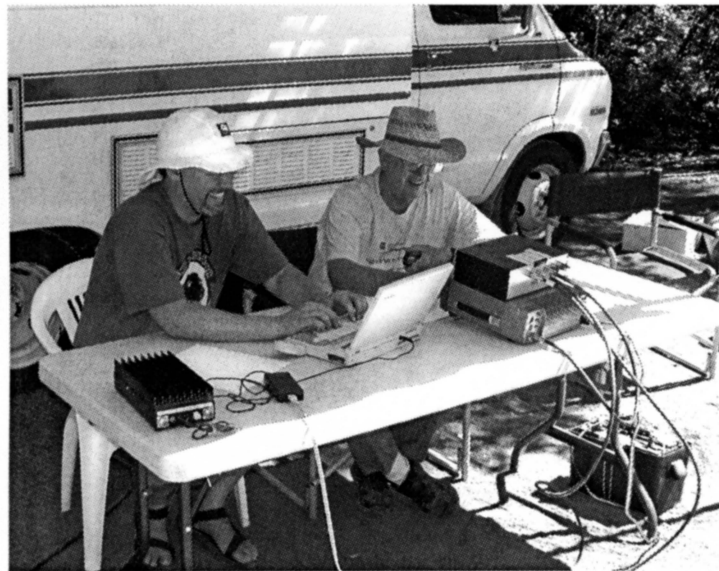
When we figure out what's wrong with that one serial port and get the internet link working again, then the BBS will be back to 100 percent. However, it is usable now. Until/unless there is someone else on the 220 frequency, it's not vital that the 220 link be made to work; however, internet link is badly needed. The internet ability made N0ARY a major hub linking the Northern CA region with the rest of the country, and some users worked the BBS from the internet. So, the 220 link isn't being missed, but internet link really needs to be fixed. Once the internet link is working, for all practical purposes, the BBS will be 100 percent again. Hopefully, that won't take too much longer.

Gary WB6YRU

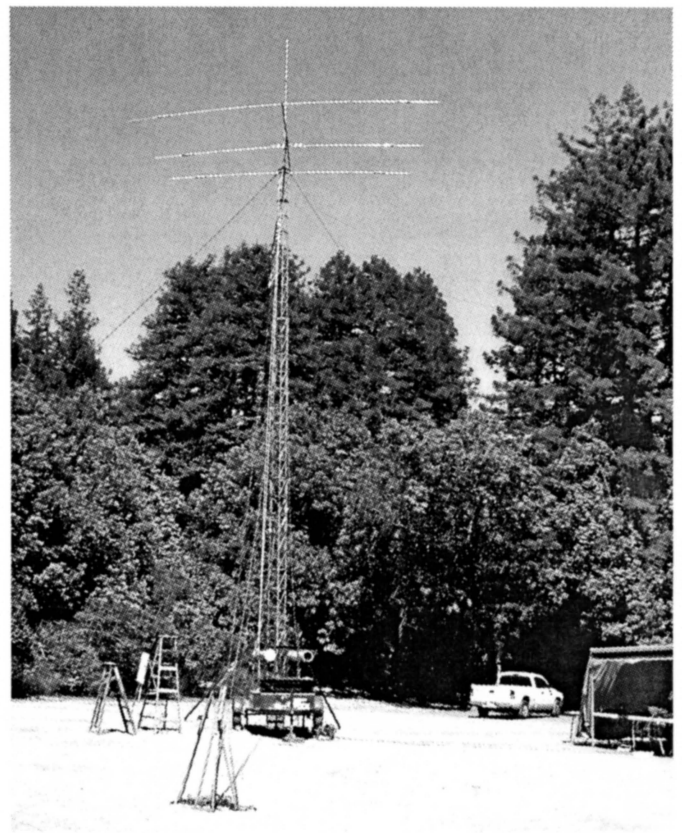
# Field Day



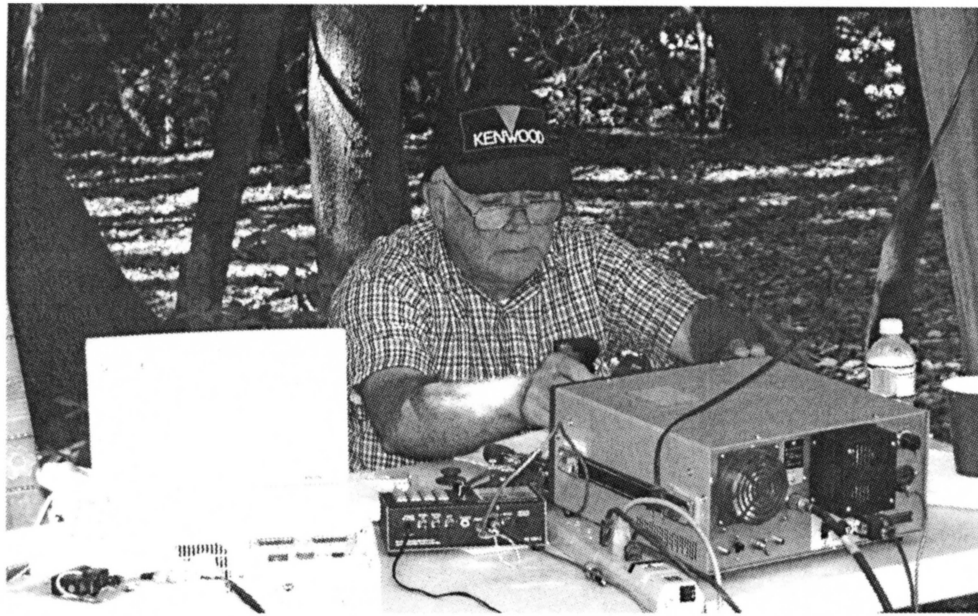
Mike, Lou, and Lloyd assembling the beam antenna



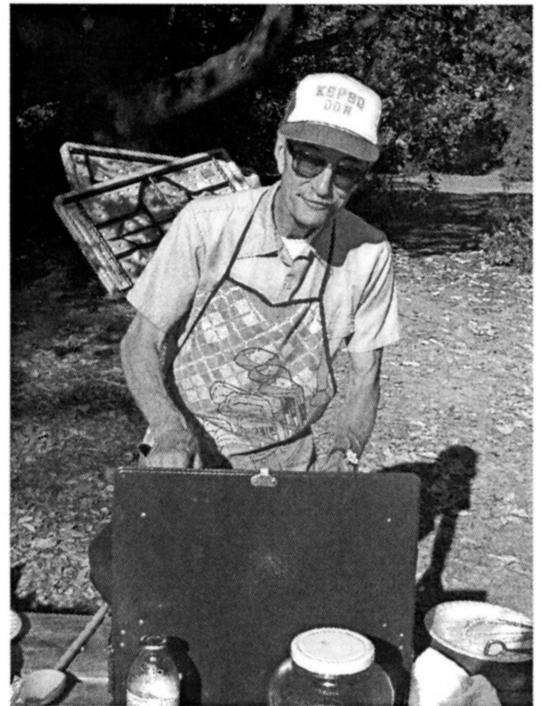
Mike using the phone station, and who is doing the logging? (We *really* need to write these things down at the time.)



The phone station (far right) uses the beam on the tower and the VHF/UHF station uses the multi-band vertical at the top. Page 3



Lou at the CW station



Don says: How would  
you like your eggs?



You've **got** to be kidding!

# Meeting Minutes

## General Meeting, July 14, 2003



INTRODUCTIONS: 22 persons present, 5 visitors

SPEAKERS: Kerrie Allen, KF6TCF, US Coast Guard Auxiliary; Dave Nauman, US Coast Guard Auxiliary, Flotilla #49. TOPIC: Homeland Security, and How Amateur Radio Operators Can Help the Coast Guard. It was a very interesting talk. Ham radio operators are needed on boats on the water, and on land as patrols are made on a regular basis.

### BUSINESS MEETING COMMITTEE REPORTS:

PRESIDENT: Don Haden, KO6HH, has agreed to help acquire speakers for the rest of the year. Thank you noted from Barbara K. Britten, KD6QEI, for his help. Don Village, K6PBQ, has agreed to coordinate the picnic. Date: September 27, (Saturday) at Mary Gomez Park at the corner of San Tomas and Forbes in Santa Clara, at 10:00 AM. There will be an HF station with key and mike for use that day. We will eat at noon. Please look elsewhere in newsletter for more details. Do Village to write an article for newsletter regarding the picnic.

TREASURER: Checking: \$3,512.99; Savings: \$4,923.57

SECRETARY: Correction: Name of speaker for July is Kerrie Allen, not Johnson. Gary Mitchell did not second a motion at the Board Meeting.

REPEATER: There are no changes to report. Ben Vickers, WB6FRM, was in Sacramento area to do some repeater testing. There was no response in the Sacramento area. Ben suggested that Trish Gibbons, WA6UBE, increase the power on the repeater, and retest in the Sacramento area, on the receiving antenna. We are still waiting for the Santa Teresa site to be sanctioned by NARC.

BBS: It is slowly returning to normal. The user ports are active; the Internet is not sending things forward. 2 RF is working. 220 has too much noise. Local BBS is now ?????.

SCCARAGRAM: Gary needs pictures taken from this year's Field Day to print in newsletter.

### OLD BUSINESS

FIELD DAY: Clark Murphy, KE6KXO, Chairman, reported the following: Phone contacts: 251. CW contacts 200 (?). Points: 1,222. Clark said he would write a separate article for

the newsletter with more details. The generator was burning oil during Field Day. It is now back in the club storage locker. The antenna trailer has to be rewired. Don Village, N6PBQ, has said that he will reserve the Mt. Madonna site for next year at the end of December, 2003.

TRUSTEE: Don Hayden, KO6HH, reported that the Trusteeship has been moved from Stan Getsla to himself. The paperwork is forthcoming. The FCC has gotten faster with paperwork. The ARRL is doing the paperwork for us.

### NEW BUSINESS

Lou Stierer asked if we are a 501C3 corporation. We are not.

FLEA MARKET: Next date for Foothill Flea Market is Saturday, August 9. Sponsor is SVECS.

SVECS BREAKFAST: Saturday, July 26, at 9:00 AM. Speaker at 10:00 AM: Disaster Medical Asst Team (DMAT). Their web site: DMAT-CA6.org.

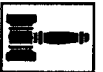
Gary Mitchell has been looking into the price of new VHF rigs. He found a company making multi-band all-mode radios for \$7-800.00+. The club members decided to wait to purchase one until we had a station to set it up in.

ADJOURN: 9:50 PM

Barbara KD6QEI

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## Board Meeting, July 21, 2003



7:45 PM

MEMBERS PRESENT: Barbara K. Britten, KD6QEI; Wally Britten, KA6YMD; Clark Murphy, KE6KXO; Lloyd DeVaughns, KD6FJI; Don Village, K6PBQ; Lou Stierer, WA6QYS; Gwen Stierer, KE6OTD; Don Apte, KK6MX; Gary Mitchell, WB6YRU.

### COMMITTEE REPORTS:

PRESIDENT: We do have a speaker for the August 2003, meeting. He is Bill Notly, head of communications for NASA. He will speak on the emergency communications at the NASA/AMES Research Center in Mt. View. He will also give us the frequency for the astronauts in space. I hope we have a good turnout for this coming meeting. The next event is the picnic. It will be held at Mary Gomez Park on Saturday, September 27 at 10:00 AM.

Don Hayden, KO6HH, has agreed to obtain speakers for the club for the rest of the year. Thank you Don, for your help.

**TREASURER:** Savings: \$4,923.57; Checking: \$3,512.99. Bills to be paid: (1) to Clark Murphy for wire and connectors for the antenna trailer, \$31.13. (2) To Lou Stierer, for sodas for Field Day, \$58.93.

**REPEATER:** There are no changes so far. The repeater seems to be working well. Ben Vickers, was in the Sacramento area, and reported that he could not bring up the Sacramento repeater on any PL tone that he tried, nor could he hear our repeater. Nothing was heard from the Sonoma repeater either.

**SCCARAGRAM:** Nothing new. Gary needs Field Day pictures to put in the August newsletter.

**BBS:** Two user ports are working. The internet connection has a problem. It connects, and logs in, but no forwarding takes place. Gary thinks it might be a communications SNAFU between the BBS and Bob Arasmith's machine. It looks like there is an RF problem on 220. Gary went up to the BBS site, pulled the radio out, switched serial ports to the backbone 40, and then reprogrammed it. There is some forwarding going on now. The Internet link is still down. There was some activity on the BBS instantaneously, so Gary knows that it is working now.

#### **OLD BUSINESS:**

**Field Day:** Haven't mailed form to ARRL. There are a few items to be acquired from Barbara before mailing can be done. We claimed 100% emergency power (100 points). We have proof that we set up in a public place and had an information booth (100 points). Wally will get the pictures to Clark in time for mailing. We had a total of 1422 points for this year's contest. The final date for mailing the whole package to the ARRL is Tuesday, July 29. We will meet that deadline.

**PICNIC:** Gwen Steirer is going to coordinate the Bingo game for the September picnic. Please bring white elephant treasures for prizes for the Bingo game. Don Village to write an article with all the details for the picnic in this month's newsletter.

**LOCKER EQUIPMENT:** There is a lot of equipment in the SCCARA locker that should be weeded out for sale at either of the two remaining flea markets at Foothill College for this year. This would leave room for all of SCCARA's equipment that has been stored in individual members homes, can be collected and put in the SCCARA locker.

We may sell the Collins radio to a collector. Don Village will contact Dick Letrich, and talk to him about placing a value on the radio as well as the names of possible buyers. The radio and Linear Amp will be sold as a set.

**SVECS Breakfast:** Saturday, August 26, at the Santa Clara Senior Citizens Center. Breakfast at 9:00 AM, speaker, Dave Lippen, from the California Disaster Medical Team, at 10:00 AM.

**AUGUST FLEA MARKET:** Saturday, August 9. Host: SVECS

**ADJOURN:** 8:30 PM.

Barbara K. Britten

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## **Picnic**

The SCCARA picnic this year will be Saturday, September 27 at 10 AM until 4 PM or so, at Mary Gomez Park in Santa Clara. It's located at the north-west corner of San Thomas Expressway and Forbes. Enter from the west side: go west on Forbes, north on Bucher, then turn right into the small parking lot.

We will have a HF radio set up again for a miniature Field Day operation.

Gwen and Lou will be running our bingo game, so please bring a gift or two for prizes.

The club will provide sodas, plates, utensils, condiments, and charcoal. Please bring your own meat and a dish to share.

Don Village K6PBQ

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## **ARRL News**

From *The ARRL Letter*, July 11, 2003

### **"BPL IS A PANDORA'S BOX OF UNPRECEDENTED PROPORTIONS," ARRL TELLS FCC**

Citing the potential for interference to and from Amateur Radio, the ARRL has called on the FCC to "take no steps" to permit Broadband over Power Line (BPL)--a form of power line carrier (PLC) technology. In response to the FCC's BPL Notice of Inquiry (NOI) published May 23, the League this week filed a 120-page response--including studies. The NOI, which asked how the FCC should regulate the delivery of broadband services to homes and businesses using electrical wiring to conduct high-speed digital signals, attracted some 1900 comments--many from the amateur community--by the July 7 comment deadline.

"ARRL is unwilling to have the Amateur Service gored with the double-edged sword of an incompatible service that will at once (1) cause widespread interference, and (2) preclude any future changes in the amateur HF allocations," the ARRL said. The League said that based on "diligent and exhaustive research," it's concluded that BPL must avoid any and all amateur MF, HF and VHF allocations without

exception.

The League said that while it's aware that current Part 15 rules permit BPL, its interference potential remains untested and unrealized, since no access BPL systems are in operation. BPL proponents would prefer that the FCC authorize even higher power levels for such systems, however.

"BPL is a Pandora's Box of unprecedented proportions," the ARRL declared. It asked the FCC to modify its Part 15 rules to prevent interference to users of the HF and low-VHF spectrum from the start and "to prevent consumers' reliance on BPL as an interference-free broadband delivery system."

Studies appended to the League's comments suggest received signal levels of BPL broadband noise at typical amateur stations would be anywhere from 34 dB to 65 dB higher than typical ambient noise levels in the worst-case situations. "BPL cannot be deployed using amateur allocations in the MF, HF and VHF bands without severely high interference potential," the ARRL reiterated.

Electric utility companies would operate many, if not most, BPL systems. ARRL pointed out that some power companies have demonstrated a less-than-stellar record of cooperation in resolving complaints of power line noise to hams. "It is a very substantial problem now for the Amateur Service, without the addition of BPL to the mix," the League said.

The ARRL concluded by urging the FCC to ensure that BPL "is not permitted to operate in or near any Amateur Radio allocations" and that any future changes in ham allocations would "trigger retroactive modifications to BPL facilities" to avoid amateur frequencies.

ARRL's comments and additional information are available on the ARRL Web site <http://www.arrl.org/announce/regulatory/et03-104/>.

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/>

## **RADIO HISTORY IS MADE AT WRC 03 WITH 7 MHZ REALIGNMENT COMPROMISE**

In a historic move, delegates to World Radiocommunication Conference 2003 (WRC 03) agreed to move broadcasters out of 7100 to 7200 kHz in Regions 1 and 3 to make room for the Amateur Service. International Amateur Radio Union (IARU) Secretary--and ARRL CEO--David Sumner, K1ZZ, said the "carefully crafted compromise" calls for broadcasters

to vacate 7100 to 7200 kHz by March 29, 2009. Amateurs in the US and the rest of Region 2 will continue to enjoy the 7000 to 7300 kHz band they now have, and eventually with greatly reduced broadcasting interference.

The compromise marked the first time in the history of internationally coordinated radio spectrum allocation that an HF broadcasting band was shifted to accommodate the needs of another service. It cuts in half the incompatibility between amateur and broadcasting use of the 7 MHz band and doubles the 40 meter spectrum available to amateurs in Regions 1 and 3.

While the result falls short of the IARU's goal of a 300 kHz worldwide exclusive band for amateurs, the cooperation of broadcasters, opposing delegates and many others was required to make a positive step for ham radio. Spectrum between 4 and 10 MHz is on the agenda for WRC 07, but the next conference will not consider further changes to 7000-7200 kHz.

As expected, WRC 03 also dropped the international Morse code requirement for HF access, leaving individual countries to decide if they want to retain a code proficiency requirement (Switzerland already has dropped the requirement). In addition, the conference adopted a number of improvements to other international regulations for the Amateur Service. Delegates also agreed to allow a secondary allocation for satellite borne synthetic aperture radars at 70 cm and, in an Article 19 change, made amateur call sign assignments more flexible.

Michael Owen, VK3KI, a member of the IARU team at Geneva, has provided a detailed explanation of Article 25 changes in the article "New Regulations for the Amateur Services." It's available on the IARU Web site <http://www.iaru.org/rel030703att3.html>.

More than 2600 delegates and other participants attended the four-week-long conference, chaired by Dr Veena Rawat of Canada. For WRC 03, the IARU fielded its largest team of observers at an ITU conference in more than a decade. In addition to Sumner and Owen, the team--led by IARU President Larry Price, W4RA--included Bob Jones, VE7RWJ; Wojciech Nietyksza, SP5FM, and Ken Pulfer, VE3PU. More than a dozen other amateurs were present on national delegations or in other roles for the IARU, its regional organizations and member-societies.

Changes to Articles 19 and 25 took effect on July 5, 2003. In general, the other Final Acts take effect on January 1, 2005.

## **SEE YOU ON 60! FIVE CHANNELS NOW OPEN FOR USE**

US amateurs had been counting down the weeks, days and

hours. Now, the five new 60 meter "channel center" frequencies--5332, 5348, 5368, 5373 and 5405 kHz--are available! Given the constraints imposed on the five lightly used government frequencies, ARRL advises members to demonstrate their best operating behavior and to use common sense when operating under the new rules. The channelized domestic, secondary allocation at 5 MHz marks the first new HF amateur band since the 1980s.

The only legal mode is upper sideband voice (USB), with a maximum bandwidth of 2.8 kHz (centered within each channel). On July 3, the first day the band was available, hundreds of operators opened up on one of the channels to grab their first contacts. The friendly free-for-all took place on a fairly level playing field, however, since the FCC has imposed a 50 W effective radiated power (ERP) limit. The new FCC rules--97.303(s)--define this as the transmitter output in peak envelope power (PEP) multiplied by antenna gain relative to a half-wave dipole or the equivalent calculation in decibels. The Commission presumes that a half-wave dipole on the 5 MHz allocation has a gain of 0 dBd.

Licensees using antennas other than a half-wave dipole must maintain in their station records either manufacturer data on the antenna gain or calculations of the antenna gain. The bottom line for most hams will be to erect a wire dipole, set their transmitter to 50 W PEP output and enjoy the new band.

For more information, see the 60 Meter FAQs posted on the ARRL Web site <http://www.arrl.org/FandES/field/regulations/faq.html>.

Amateurs in the US and the United Kingdom share one 5 MHz channel--5405 kHz. While it's legal for US hams to work UK amateurs--and some transatlantic contacts already have been reported--the RSGB 5 MHz Working Group says UK hams are on the band specifically as part of propagation and equipment experiments, not to make general contacts.

## **FCC ACCEPTING COMMENTS ON OCCUPIED BANDWIDTH PETITION**

The FCC is accepting comments on a Petition for Rule Making from two amateurs calling on the FCC to establish SSB and AM bandwidth standards. The FCC has assigned RM-10740 to the petition, filed May 27 by Michael Lonneke, W0YR, of Round Hill, Virginia, and Melvin Ladisky, W6FDR, of Camarillo, California. The Lonneke-Ladisky petition had attracted some 100 comments by week's end. Comments are due by July 26.

Referencing four Enforcement Bureau letters (one of which was included in the petition as an exhibit) sent to amateurs and alleging overly wide SSB signals, the petition asks the FCC to "remove the ambiguity" in the Part 97 rules and

establish SSB and AM transmission bandwidth standards. On HF frequencies below 28.8 MHz, it recommends a maximum 2.8 kHz bandwidth for SSB (J3E) emissions and a maximum 5.6 kHz bandwidth for AM (A3E) emissions.

Amateurs may read and comment on this petition via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/cgb/ecfs/>.

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From *The ARRL Letter*, July 18, 2003

## **CALIFORNIA GOVERNOR SIGNS AMATEUR ANTENNA BILL**

Recent efforts by proponents of California's Amateur Radio antenna bill apparently paid off July 14 when Gov Gray Davis signed Assembly Bill 1228. The measure, which cleared both legislative branches with unanimous votes, incorporates the essence of the limited federal preemption known as PRB-1 into California law.

"Amateur Radio's message got through 'the pileup' in Sacramento," said ARRL Southwestern Division Director Art Goddard, W6XD. "Thanks to all the hams in California who wrote cards, letters and e-mails urging their representatives and their governor to pass this legislation."

In a statement (<http://tinylink.com/?xzrT4PAIs9>), Davis cited the "thousands of hours of volunteer service" Amateur Radio operators donate in support of state and local government. Davis said ham radio volunteers play a crucial role in times of disasters or emergencies. "By providing a reliable communication system during an emergency situation, such as a terrorist attack, Amateur Radio stations provide an invaluable service to the state of California," he added.

AB 1228 was sponsored by freshman Assembly member Bob Dutton (R-Rancho Cucamonga). Mike Mitchell, W6RW, spearheaded the Amateur Radio community's efforts to promote the bill. "Great news that Governor Davis signed AB 1228!" a delighted Mitchell reacted. "Congratulations to the hams of California!"

Goddard expressed similar elation. "This bill will give hams in California a fighting chance to have a reasonable antennas," he said. He also congratulated Dutton and his staff for shepherding the bill through committees and both legislative chambers without a single dissenting vote and thanked Mitchell for being "our sparkplug" on the bill. He also cited ARRL staffer Dean Straw, N6BV, and Pacific Director Bob Vallio, W6RGG, for speaking on behalf of the bill in committee hearings.

The bill went to Davis for his signature on July 3, and Goddard and Vallio promptly mounted a campaign to have

amateurs contact Davis and urge him to sign it. Davis had vetoed a similar bill in 2000, in part citing the cost for studies the legislature had required. The 2003 bill contained no such provisions. Davis now is facing the possibility of a recall election.

The new law requires 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."

The most ham-populated state in the US, California becomes the 20th state to adopt PRB-1 legislation. The state is home to some 100,000 amateur licensees--almost 15 percent of the US total.

A copy of the measure is available on the California Legislature Web site [http://info.sen.ca.gov/pub/bill/asm/ab\\_1201-1250/ab\\_1228\\_bill\\_20030630\\_enrolled.html](http://info.sen.ca.gov/pub/bill/asm/ab_1201-1250/ab_1228_bill_20030630_enrolled.html).

#### **FCC OPINION BOLSTERS FEDERAL PREEMPTION OVER RF INTERFERENCE MATTERS**

An FCC Memorandum Opinion and Order (MO&O) released earlier this month bolsters the doctrine of federal preemption over local efforts to regulate radio frequency interference (RFI). The ARRL had commented in the proceeding, WT Docket 02-100, which could have implications for Amateur Radio. The proceeding stemmed from efforts by Anne Arundel County, Maryland, to require telecommunication service providers to certify their facilities would not interfere with the county's public safety communication system.

"We find that federal law preempts provisions of the Anne Arundel County, Maryland, zoning ordinances involving radio frequency interference," the FCC declared in granting Cingular Wireless' Petition for a declaratory ruling and denying the county's motion to dismiss. ARRL had supported Cingular's position in the proceeding. Cingular asserted in its petition that Congress had established a "pervasive regulatory scheme" that grants the FCC exclusive jurisdiction to regulate RFI, and that the Anne Arundel zoning amendments conflicted with the Commission's rules regarding resolution of RFI cases. The FCC also said it expected all parties to continue cooperating to resolve remaining RFI issues.

Anne Arundel County in January 2002 adopted zoning amendments requiring commercial telecommunication providers to demonstrate that their facilities would not degrade or interfere with the public safety radio system. The amended ordinance gave the county the authority to revoke

a zoning certificate if such interference or degradation occurred or if telecommunication service providers did not certify their systems to be in compliance with FCC standards and guidelines.

The FCC said it found that the county's zoning provisions went beyond traditional zoning functions and attempted to regulate RFI. The FCC Memorandum Opinion and Order is available on the FCC Web site [http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DA-03-2196A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-03-2196A1.doc).

#### **ACTIVE CLUB ONLINE PRIMER NOW LIVE!**

If your club is looking for loads of helpful information to keep things moving, check out the Active Club Online Primer (<http://www.arrl.org/FandES/field/club/cpw/>). Combining the best of the completely updated Club President's Workbook and the Special Service Club Manual, this online resource permits quick access to hundreds of pages that can enhance your club's functioning and help it to attract new members. Need to know how to get your club more involved in public service? How to present programs that make meetings more lively? How to help hams with disabilities? Find it fast on the Active Club Online Primer!

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## **Packet Pieces**

#### **Downloaded from the packet network:**

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Date: 26 Jun 2000 23:50  
From: KG8XG@W8HHF.#TOL.OH.USA.NOAM  
To: HUMOR@WW  
Subject: Kids Stunts

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For those who already have children past this age, this is hilarious. For those who have children nearing this age, this is a warning. For those who have not yet had children, this is birth control.

The following came from an anonymous mother in Austin, Texas.

#### **THINGS I'VE LEARNED FROM MY CHILDREN (HONEST AND NO KIDDING):**

1. A king size waterbed holds enough water to fill a 2000 square foot house 4 inches deep.
2. If you spray hair spray on dust bunnies and run over them with roller blades, they can ignite.

3. A 3 year old's voice is louder than 200 adults in a crowded restaurant.
4. If you hook a dog leash over a ceiling fan, the motor is not strong enough to rotate a 42 pound boy wearing Batman underwear and a superman cape. It is strong enough, however, to spread paint on all four walls of a 20 by 20 foot room.
5. You should not throw baseballs up when the ceiling fan is on. When using the ceiling fan as a bat, you have to throw the ball up a few times before you get a hit. A ceiling fan can hit a baseball a long way.
6. The glass in windows (even double pane) doesn't stop a baseball hit by a ceiling fan.
7. When you hear the toilet flush and the words "Uh-oh", it's already too late.
8. Brake fluid mixed with Clorox makes smoke, and lots of it.
9. A six year old can start a fire with a flint rock even though a 36 year old man says they can only do it in the movies. A magnifying glass can start a fire even on an overcast day.
10. Certain Lego's will pass through the digestive tract of a four year old.
11. Play Dough and Microwave should never be used in the same sentence.
12. Super glue is forever.
13. No matter how much Jell-O you put in a swimming pool you still can't walk on water.
14. Pool filters do not like Jell-O.
15. VCR's do not eject peanut butter & jelly sandwiches even though TV commercials show they do.
16. Garbage bags do not make good parachutes.
17. Marbles in gas tanks make lots of noise when driving.
18. You probably do not want to know what that odor is.
19. Always look in the oven before you turn it on. Plastic toys do not like ovens.
20. The fire department in Austin, TX has a 5 minute response time.
21. The spin cycle on the washing machine does not

make earth worms dizzy. It will however make cats dizzy.

22. Cats throw up twice their body weight when dizzy.

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Just forwarding the experiences of others.

73 - John, KG8XG @ W8HHF near Toledo, Ohio in the great United States of America!

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Date: 27 Jun 2000 01:37

From: AB7RG@AB7RG

To: FARCE@USA

Subject: The Do It All Watch!!!

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Jake is struggling through an airport terminal with two huge and obviously heavy suitcases when a stranger walks up to him and asks: "Have you got the time?"

Jake sighs, puts down the suitcases and glances at his wrist. "It's a quarter to six", he says. "Hey, that's a pretty fancy watch!" exclaims the stranger.

Jake brightens a little. "Yeah, it's not bad. Check this out..." and he shows him a time zone display not just for every time zone in the world, but for the 86 largest metropoli. He hits a few buttons and from somewhere on the watch a voice says "The time is eleven till six" in a very West Texas accent. A few more buttons and the same voice says something in Japanese. Jake continues "I've put in regional accents for each city. The display is unbelievably high quality and the voice is simply astounding."

The stranger is struck dumb with admiration. "That's not all...", says Jake. He pushes a few more buttons and a tiny but very hi-resolution map of New York City appears on the display. "The flashing dot shows our location by satellite positioning", explains Jake. "View recede ten", Jake says, and the display changes to show eastern New York state.

"I want to buy this watch!" says the stranger. "Oh, no, it's not ready for sale yet; I'm still working out the bugs", says the inventor. "But look at this," and he proceeds to demonstrate that "the watch is also a very creditable little FM radio receiver with a digital tuner, a sonar device that can measure distances up to 125 meters, a pager with thermal paper printout and, most impressive of all, the capacity for voice recordings of up to 300 standard-size books, though I only have 32 of my favorites in there so far" says Jake.

"I've got to have this watch!" says the stranger.  
 "No, you don't understand; it's not ready."  
 "I'll give you \$1000 for it!"  
 "Oh, no, I've already spent more than ..."  
 "I'll give you \$5000 for it!"  
 "But it's just not ..."  
 "I'll give you \$15,000 for it!" And the stranger pulls out a checkbook.

Jake stops to think. He's only put about \$8,500 into materials and development, and with \$15,000 he can make another one and have it ready for merchandising in only six months. The stranger frantically finishes writing the check and waves it in front of him.

"Here it is, ready to hand to you right here and now. \$15,000. Take it or leave it." Jake abruptly makes his decision. "OK", he says, and peels off the watch and hands it to the stranger.

They make the exchange and the stranger starts happily away. "Hey, wait a minute", calls Jake after the stranger, who turns around warily. Jake points to the two suitcases he had been trying to wrestle through the terminal. "Don't forget your batteries."

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

## Newsletter Notes

Take a look at the photos of SCCARA's Field Day outing. See Clark's car? That little car is getting hitched up to tow the antenna trailer twice its size and weight! Naturally, we took a photo to prove it, in case no one believed us. You believe it now, right? Nnnnoooooooo, of course we didn't stage this hoax... er, um, 'documentation!' How could you think such a thing? ☺

*(No little cars were harmed during the production of these photos.)*

73, Gary WB6YRU, editor

# 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

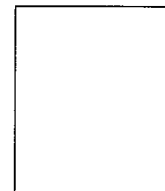
Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the return address below.

====> 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



**FIRST CLASS**

**ADDRESS SERVICE REQUESTED**