

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 17, Number 8

August 2001



President's Prose

Field Day this year was full of surprises. We had visitors both human and animal. The antenna trailer contained a nest with two baby mice that were transported from Don Hayden's home to the Manzanita campsite on Mt. Madonna. One of the mice didn't survive the trip. It was found, deceased, under a coil of cable. The other mouse escaped upon arrival. There was another mouse found roaming around the inside of Mike Hastings trailer.

I got compliments on the Saturday lunch. There were not as many volunteers as in years past, but I think we did well for the ones that were working as hard as they could. Next year I'm going to try something different for Sunday breakfast.

Our July meeting at Kaiser Santa Teresa was interesting. Our speaker was Tom Trich, Assistant Engineer for the hospital. He talked about the repeater at the hospital site and offered some solutions. One was to change the antenna and attenuate the cable between the antenna and the repeater cabinet. The members present were escorted to the penthouse for a tour. While we were there, Wally Britten, KA6YMD, changed something in the repeater hoping to improve the reception. On the way home, Wally transmitted to see if there was any improvement. The reception from our house was not significantly better. Wally determined that more changes need to be made for greater reception. He will be trying other things in the future.

Wally is still trying to contact the Assistant Engineer, over at Regional Medical Center to get the cables installed for the radio station. That project needs to move ahead faster. It has been delayed way too long.

Don Hayden has scheduled speakers for August and September. I am scheduling the October speaker. The rest of our meetings for this year will be held at Kaiser Santa Clara, Building K. This meeting room is at ground level, so it is easy for handicapped members to attend meetings. The location is more central to our members. I hope more people will attend our meetings.

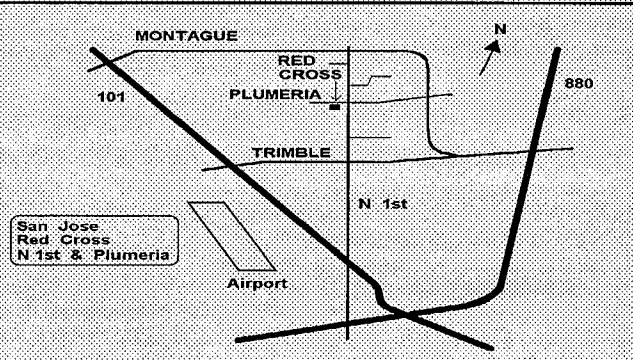
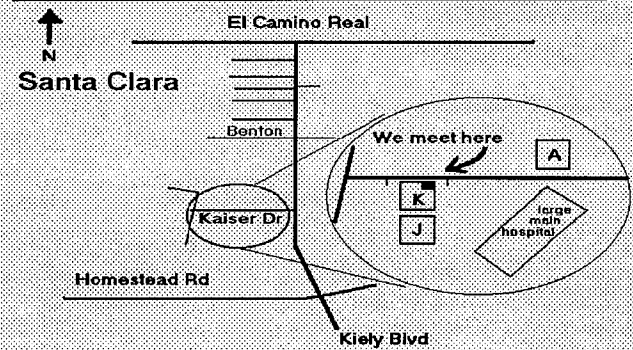
If anyone has any questions or suggestions for

Calendar

- 8/11 Foothill Flea Market
- 8/13 SCCARA General Meeting
- 8/20 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 9/29 SCCARA Picnic

General Meeting:

Day: Monday, Aug. 13, 2001
Time: 7:30 PM
Place: Kaiser Santa Clara, Bld K, Rm 1
Featuring: Andreas Junge N6NU (PAARA pres.) will talk about programmable processors used in HAM stuff.



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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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N0ARY BBS	Gary Mitchell, WB6YRU	265-2336
	e-mail: wb6yru@aenet.net	

SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:
 2 meter: 146.385 + PL 114.8 (none for basic use)
 70 cm: 442.425 + PL 107.2

Phone 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.

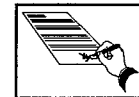
N0ARY PACKET BBS

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). Sysop: Gary WB6YRU

TELEPHONE NUMBERS

SCCARA contact Clark KE6KXO: 408 262-9334
 ARRL/VEC Silicon Valley VE group: 408 243-8349
 me-ae6z@worldnet.att.net

speakers, please don't hesitate to share. I know that there are some members who cannot come to meetings. If you can't come to the meeting, please check in at the Monday night, 7:30 PM, net. May we hear from you?



73, Barbara K. Britten, KD6QEI

Meeting Minutes

General Meeting, July 9, 2001



{No minutes received by the deadline. --Ed.}

Board Meeting, July 16, 2001



{No minutes received by the deadline. --Ed.}

Lost & Found

When packing up after Field Day a straight key was found that is not SCCARA's. It will be brought to the August Meeting and Board meeting to give the owner a chance to claim it. Other pick up arrangements can be made by calling Wally, KA6YMD

Field Day 2001

Our Field day report was submitted to the ARRL last week. The claimed score was 1538 with an added 600 bonus points. I would like to thank all that came to our site for making it a nice Field Day outing.

Next year is NEXT YEAR so lets think about what we would like to do. There are many ideas such as:

- Stay at Mount Madonna and perhaps invite another club to join us or maybe charge the people participating.
- Join another club ourselves and help with their Field Day effort.
- Find a new location. A park would not be likely since we would likely be charged similar to Mount Madonna but maybe a city might sponsor us. Many clubs do that.



FIELD DAY

Please write legibly. Make certain you have filled out this form completely. Enclose required duplicate sheets, photos, bonus claims.

Entries must be postmarked within 30 days of the contest and mailed to:

Field Day Entries
ARRL
225 Main St,
Newington CT 06111

1. Field Day Call Used W6UW Novice Call Used KC6SPV
 2. Club or Group name (If class A) SCCARRA (Santa Clara County Amateur Radio Assn)
 3. Number of Participants 25 4. Number of Transmitters in simultaneous operation: 3

5. Entry Class (check only one)

- A. Club or non-club group portable
 B. 1 or 2 Person non-club portable
 List Operators _____
 C. Mobile
 D. Home station commercial power
 E. Home station emergency power

6. Check all power sources used

- Generator
 Commercial mains
 Battery
 Other (list) _____

7. ARRL/RAC Section SCV
 8. Total CW QSOs 221 x 2 = Total CW QSO Points 442
 9. Total Digital QSOs 5 x 2 = Total Digital QSO Points 10
 10. Total Phone QSOs 317 x 1 = Total Phone QSO Points 317

12. Power Multiplier (select only one)
 5 Watts or less and Battery = 5
 150 Watts or less = 2
 Over 150 Watts = 1
 (transfer to line 13)

11. Total QSO Points 769
 13. Power Multiplier 2
 14. Claimed Score 1538
 (Line 11 x Line 13) (excluding bonus points)

15. Bonus Points claimed: Please check each block as appropriate and include required proof of points in your submission. All bonus points will be verified at ARRL HQ and added to your score.

- 100% Emergency Power 200
 Media Publicity 100
 Set-up in Public Place 100
 Information Booth 100
 Message to ARRL SM/SEC
 WIAW Field Day Message
 Formal Messages Handled (# _____)
 Satellite QSO Completed
 Natural Power QSO's completed _____
 Site visited by invited officials 100
 Non-traditional Demonstrations (list each):
 A.
 B.
 C.

Total Bonus Points Claimed: 600

16. I/We have observed all competition rules as well as all regulars for Amateur Radio in my/our country. My/Our report is correct and true to the best of my/our knowledge. I/We agree to be bound by the decisions of the ARRL Awards Committee."

Date: 7/5/01 Call KD6QE1
 Signature: Barbara K. Britten
(signature / call of Club President or Authorized Club Representative)
 Address 585 So. 14th St
 Address San Jose, CA 95112
 E-Mail Address: kdbgei@arrl.net

You must complete the Band/Mode QSO breakdown box on the second page or reverse side of this form.

See you at the next meeting.

Mike KB6LCJ
Field Day 2001 Chairman

Murder at Mt. Madonna

The day began with a warm sun, the pleasant odor of the forest and two amateur radio operators hard at work. It was Friday morning about 1100 and the feeling of anticipation was in the air. Their assignment was to hook up the club tower trailer and tow it to our Field Day site. Lou WA6QYS and Don KO6HH had performed this job for many years and had the task completed in no time.

The hams were unaware that there were two other passengers on board the trailer. The lonely riders were now separated from their families and were very scared. They had good reason to be scared!

The trailer bumped and swayed it's way to the Manzanita Camp area at Mount Madonna County Park. They were greeted by several hams who had already made the trek.

The 40 foot tower with it's tri-band beam antenna went up in a jiffy as did the many wire antennas. There was a 40/80 dipole for the phone station. The CW station set up nearby with 10/15/20 and 40/80 dipoles. The decision was made not to erect a second beam antenna this year since it was just "too darn much work."

Anyway, the remainder of the equipment was off-loaded from the trailer. When the sound baffles for the generator were removed we all saw something scampering on the trailer bed and after closer examination we also saw two sets of beady eyes.

We decided to wait for our club president, Barbara KD6QEI and her faithful sidekick (husband) Wally KA6YMD to arrive since the decision as to our visitors needed some management advice. It was also noted that they were our cooks and perhaps... What dark thoughts discussed will not be mentioned here.

Barb and Wally finally arrived and with ample fanfare we escorted Barb to the club trailer to show her our finds. The twosome could not be found. We surmised that they decided to make the leap to the ground of some 24 inches and make their escape.

The search continued for a bit when Mike KB6LCJ lifted a large roll of coax and promptly had a tiny mouse jump from the cables to Mikes pants, shot down his leg and made a dash for freedom.

But what of the second mouse. It was found a few minutes later under the same bundle of coax. Barbara, who is also a registered nurse pronounced the poor thing in her words "flat dead." I must mention that better terminology

might have been flat AND dead.

The murder scene was examined and it was determined that someone had sat on the cables. Due to the flatness of the mouse, it is likely that it was murdered by someone with a small, muscular butt. This was good news for most of the hams present. Mike KB6LCJ did offer the possibility that Gary WB6WRU might fit the description but alas there are no witnesses and we are after all, in a country where a person is presumed innocent until proven guilty.

Editor's note: This just in...

Subsequent investigations revealed that at the time of the mouse murder, the prime suspect (Gary) was busy installing the long wire antenna some distance away. It has yet to be determined whether it might have been possible to commit the crime and return to the antenna task without being noticed. Furthermore, no witnesses could be found who actually saw the prime suspect ever sitting on anything near the crime scene.

After officials thoroughly examined the crime scene, some said it appeared the murderer had to be a rather larger person. If true, this would rule out Gary. Some people observed that the caretaker of the antenna trailer, Don KO6HH, was there at the time, is one of the largest members of the group, and is known to tire easily. However, this is just circumstantial evidence. The investigation continues...

ARRL News

From *The ARRL Letter*, July 6, 2001

AMATEUR LF SIGNAL SPANS THE PACIFIC!

A signal transmitted on 184 kHz from ZL6QH--the Wellington, New Zealand, Amateur Radio Club's Quartz Hill station--has spanned the Pacific. The transmission, part of a series of announced transpacific tests, was received on June 30 by Steve McDonald, VE7SL, of British Columbia, Canada.

"A claim is made for the confirmed reception of ZL6QH by VE7SL, on 184.4 kHz, over a path of 11,709 km," said Bob Vernall ZL2CA, who organized the transpacific tests. "This is a one-way confirmation, as VE7SL does not have transmitting capability." Vernall said that on June 30, seven New Zealand stations--including ZL6QH--and one Australian transmitted test signals in the 160-190 kHz band for the transpacific tests. Amateurs in New Zealand have access to that band.

Reception of weak LF signals typically is done using spectrographic software. McDonald used Argo software to capture the ZL6QH signal and very likely that of ZL4OL, although no claim was being made for the latter. The reception occurred right around the time of sunrise in British Columbia.

ZL6QH was transmitting dual-frequency CW with two-minute elements, one frequency representing dits, the other dahs. The ZL6QH station was running approximately 100 W into a longwire antenna.

Amateurs spanned the Atlantic in both directions earlier this year on 136 kHz. Efforts to make it across the Pacific on LF have been under way during the winter season in the Southern Hemisphere.

The ARRL has petitioned the FCC to authorize Amateur Radio allocations at 136 kHz and in the 160-190 kHz band. The petition is pending.

WB6ORU SK

I just got word that Bill Oliver WB6ORU passed away last week. He got his license in 1972 and was a member of SCCARA from 1974 to 1996.

Bob w6ooy

Kid's Day at CDM

On June 16, 2001, I operated Kid's Day from the Children's Discovery Museum.

Kid's Day is sponsored by the Boring Amateur Radio Club in Boring Oregon. The purpose of Kid's Day is to introduce our kids and youth to Amateur Radio and give them hands-on on-the-air operating experience. The Museum is an ideal place to operate from with lots of children coming through the station every day.

This year I was fortunate to have two children to operate the station with me. I had 12 year old Jennifer Melody from southern CA and 9 year old Alex Frogner from Sunnyvale. I had them both calling "CQ Kid's Day" and answering the stations that returned their calls. Both of them had a great time and realized the real excitement of Amateur Radio.

Kid's Day is held in January and June. So we have two opportunites to help out youth with Amateur Radio.

73, Don Village, K6PBQ

Packet Pieces

Downloaded from the packet network

=====
Date: 27 Mar 99 21:00
From: WA1GDJ@K1UGM
To: HUMOR@USA
Subject: THE GOOD, BAD AND THE UGLY

" The Good, The Bad, and The Ugly"

Good: You and your hubby agree, no more kids.
Bad: You can't find your birth control pills.
Ugly: Your daughter borrowed them.

Good: Your son studies a lot in his room.
Bad: You find several porn movies hidden there.
Ugly: You're in them.

Good: Your husband understands fashion.
Bad: He's a cross dresser.
Ugly: He looks better than you.

Good: Your son's finally maturing.
Bad: He's involved with the woman next door.
Ugly: So are you.

Good: You give the birds-and-bees talk to your daughter.
Bad: She keeps interrupting.
Ugly: With corrections.

Good: Your wife's not talking to you.
Bad: She wants a divorce.
Ugly: She's a lawyer.

Good: The postman is early.
Bad: He's wearing fatigues and carrying an AK-47.
Ugly: You gave him nothing for Christmas.

Good: They've finally invented Viagra.
Bad: It requires a prescription and is expensive.
Ugly: Your wife's new boyfriend is a pharmacist.

73 - Gil, WA1GDJ @ K1UGM

Floating around the internet:

Origins of words and phrases

1. In Shakespeare's time, mattresses were secured on bed frames by rope. When you pulled on the ropes the mattress tightened, making the bed firmer to sleep on. Hence the phrase, "goodnight, sleep tight."

2. It was the accepted practice in Babylon 4,000 years ago that for a month after the wedding, the bride's father would supply his son-in-law with all the mead he

could drink. Mead is a honey beer, and because their calendar was lunar based, this period was called the "honey month" or what we know today as the honeymoon."

3. In English pubs, ale is ordered by pints and quarts. So in old England, when customers got unruly, the bartender would yell at them to mind their pints and quarts and settle down. It's where we get the phrase "mind your P's and Q's."

4. Many years ago in England, pub frequenters had a whistle baked into the rim or handle of their ceramic cups. When they needed a refill, they used the whistle to get some service. "Wet your whistle," is the phrase inspired by this practice.

5. In Scotland, a new game was invented. It was entitled Gentlemen Only Ladies Forbidden... and thus the word GOLF entered into the English language.

{There's no telling how accurate any of this is, no source was given. -- Ed}

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

Is anyone reading this?

Based on what I've discovered recently, the *SCCARA-GRAM* is the last place people think to look for information. For example: During Field Day, the setup crew was to meet at a certain time and place. The information was published in the June issue. However, some people had the times wrong, others even got the location wrong! None of them thought to check the *SCCARA-GRAM*.

Among other things, the newsletter is meant to be a resource. If a club activity is coming up, the newsletter normally will contain dates, times, and location. It also contains other information such as our repeater frequency and the deadline for articles, etc. Evidently, even the long-time members don't seem to think so.

Of all the things published, I imagine this column gets the least attention. So, my question is: if this column disappeared, would anybody notice? Would anybody care? If I don't hear anything, this will probably be the last *Newsletter Notes* column.

In that event, this should be said now: For the record, thanks to El Wirt K6ZYY for continuing to help me prepare the *SCCARA-GRAM* for mailing most of this year. Also, this issue marks the 8½ year point for me as editor.

73, Gary WB6YRU, editor

ARRL Pacific Division Update

August 2001

Nevada Amateur Antenna Bill

Nevada Governor Kenny Guinn has signed that state's Amateur Radio antenna legislation--Assembly Bill 61. The law goes into effect October 1.

The measure will incorporate the wording of the limited federal preemption known as PRB-1 into the Nevada Revised Statutes. Introduced by Beers in February, AB 61 will require municipal ordinances to "reasonably accommodate amateur service communications" and "constitute the minimum level of regulation practicable to carry out the legitimate purpose of the governing body." The bill would not apply to historic or architectural preservation districts.

As originally worded, the legislation also would have applied to future deed covenants, conditions and restrictions imposed by homeowners' associations. That language was stripped from the bill in committee, but the rest of the measure survived intact.

Nevada is the 13th state to incorporate PRB-1 language into its statutes. "I can't imagine a more natural state to acquire the Number 13 distinction than Nevada--a state world renowned for beating the odds!" Flanagan said. Amateur Radio antenna bills also were approved this year in Alaska and Idaho, and similar measures are pending in New York and Wisconsin.

Updated information on the Nevada PRB-1 legislation is available at the Carson Valley Radio Club Web site, <http://www.cvrc.net/ab61/>. The full text of AB 61 is available on the Nevada State Web site, <http://www.leg.state.nv.us/71st/bills/AB/AB61.html>.

Thanks, ARRL Letter.

Hams appointed to FCC Tech Council

The FCC has re-established its Technological Advisory Council, and several Amateur Radio operators have been asked to serve as members. Among those appointed was ARRL RF Safety Committee Chairman Greg Lapin, N9GL. Technology guru Dewayne Hendricks, WA8DZP, (a Pacific Division Assistant Director) and a charter member of the TAC, was appointed to another two-year term. Also reappointed was former FCC Office of Engineering and Technology Chief Dale Hatfield, W0IFO. Hatfield, now with the University of Colorado, started the TAC while he was still with the FCC. The list of amateurs on the TAC also includes Telegen CEO Jessica L. Stevens, KF6WMY. The TAC is comprised of a broad array of well known

technologists and chaired by Robert Lucky of Telcordia. The TAC helps provide technological insights that the FCC needs to stay abreast of innovations in technology. Additional information about the Technological Advisory Council is available via the FCC's Web site, <http://www.fcc.gov/>.

Thanks, ARRL Letter

Petition for Primary 13 cm Allocation

The FCC has put the ARRL's petition seeking a primary allocation at 2300 to 2305 MHz on public notice. It's been assigned a rulemaking number, RM-10165. The comment period just ended August 1.

The League's petition, filed in May, also requested that no commercial operations be introduced in the band. The Amateur Service now is secondary at 2300-2305 MHz. There is no primary occupant.

Comments also ended August 1 on a petition from AeroAstro Inc--now designated RM-10166--which seeks a new Miscellaneous Wireless Communication Service (MWCS) on the band and co-primary status with the Amateur Service. AeroAstro has called on the FCC to grant its request "subject to technical rules calculated to minimize harmful interference between the two services and to protect NASA's Deep Space Network," which operates below 2300 MHz.

Acknowledging the petition in its initial filing, the ARRL said it would impose "severe operating constraints on the Amateur Service" if the FCC were to grant it. The ARRL plans to file comments on the AeroAstro petition as well as on its own.

Last year, the ARRL opposed a petition seeking to include 2300-2305 MHz in a list of potential bands sought by Microtrax for a personal location and monitoring service.

The petition this spring marked the second time the ARRL has sought primary status on the band. The ARRL first asked the FCC in 1996 to upgrade the allocation there to primary, but the Commission never acted on the request.

The ARRL has said that the segment 2300-2305 MHz is "of extreme importance to the Amateur Service, especially for weak-signal communications and propagation research, including beacon operation, due to the low noise levels in that band." The renewed petition was prompted by increasing demands on that portion of the spectrum due to development of new telecommunications technologies.

The Amateur Service has primary allocations in this part of the spectrum at 2390-2400 MHz and 2402-2417 MHz. The ARRL last year sought to have the segment 2400-2402 MHz elevated from secondary to primary, but the FCC has yet not acted on that request either. The AO-40 satellite has been successfully using that band for downlink telemetry and transponder operation.

In earlier proceedings, the ARRL has asked the FCC to create a primary amateur allocation in the 2300 to 2305 MHz segment and to maintain the secondary ham allocation in the 2305 to 2310 MHz band. The ARRL has called sharing of the 2305 to 2310 MHz segment with other services "distinctly problematic."

The ARRL has said that its latest petition would be "consistent with the protection requirements for government and NASA operations immediately below 2300 MHz and the MWCS operation above 2305 MHz." Amateur Radio weak-signal work is centered near 2304 MHz.

The ARRL said it was necessary to "maintain flexibility in the amateur uses of the 2300-2305 MHz band, so that some paired, point-to-point operation can be conducted, together with frequencies in the 2390-2400 MHz band."

Pacific Section Convention in Honolulu

Who wouldn't enjoy a family ham trip to Hawaii? Then plan on attending the first Pacific Section Convention in Honolulu, Oct. 13. It will be held in the Pearl Harbor Community Park, next to the Arizona Memorial visitor entrance. There will be a picnic area, vendors, flea market, displays, plus much more. Also scheduled are VE exams, technical talks both morning and afternoon, a spectacular hot line display by Hawaiian Electric, plus an ARRL forum by yours truly. For additional information see the Koolau ARC web site and <http://www.chem.hawaii.edu/karc/index.html>.

ARRL Seeks Probe of Cordless Phones

The ARRL has asked the FCC to investigate and "take appropriate action" against several companies it alleges have been marketing so-called "long-range cordless telephones" via the Internet. The ARRL took the action in the wake of an interference complaint and numerous reports from the amateur community about sales of the devices, some operating on amateur VHF and UHF frequencies.

ARRL General Counsel Chris Imlay, W3KD, said the League was seeking the FCC probe because the apparently uncertified devices operate on amateur bands and are capable of interfering with amateur communication. He also noted that the devices are not likely to meet maximum permissible exposure levels for RF.

"ARRL has not been able to locate any FCC certification for these devices and, based on the advertised frequency bands and ranges, it is believed that none of these devices could be certificated, or legally marketed or sold, under FCC rules," Imlay wrote.

Imlay said the ARRL also is looking into the marketing of products such as 434 MHz video surveillance equipment and other "apparently non-certificated devices" that use amateur frequencies but are being marketed in the US to non-amateurs.

ARRL Lab Supervisor Ed Hare, W1RFI, said he's received at least one report of actual harmful interference from a long-range cordless telephone to amateur communication. The amateur reporting it tracked the telephone to the home of a neighbor, who said he'd bought the device on eBay.

Hare said some long-range devices are legally certificated to operate on the 900 MHz or 2450 MHz Part 15 bands. "These legal devices are only an issue if they cause

actual harmful interference to the Amateur Service," he said.

Hare requests reports of unlicensed devices causing actual harmful interference to Amateur Radio operation. Reports may be sent to rfl@arrl.org.

Thanks, ARRL Bulletin.

FCC: Regulatory Ball in Amateurs' Court

The FCC says the ball is in the court of the Amateur Service to determine the course of future Amateur Radio regulation. Speaking May 20 at the Dayton Hamvention FCC forum, Bill Cross, W3TN, of the FCC's Wireless Telecommunications Bureau, said that the days of Commission imposed regulation are past.

"Detailed regulation of the nitty gritty of communication services, including the Amateur Service, is not in the picture," Cross said. "Rather, the FCC is shifting to strong and effective enforcement of truly necessary regulations." The FCC, he said, now plans to look to the amateur community to reach consensus on any new regulations it thinks it wants and needs.

"I hope that those of you who are thinking about asking us to carve up a band by fiat will think again," he said. "You really are asking us to tie your hands regarding your use of your spectrum."

Before the FCC initiates any rulemaking proceedings in the Amateur Service to change privileges, Cross said it wants to see proposals involving the implementation of "new and more modern communications technologies," such as digital. In addition, he said, any future proposal "must include all licensees, and it must include all bands," and--most important--the amateur community must reach a consensus on the topic.

Cross said the FCC does not want and cannot handle "multiple proceedings that address piecemeal changes in operating privileges" that affect only certain classes of licensees or certain bands.

Thanks, ARRL Bulletin

PRB-1 Actions

At the recent ARRL Executive Committee meeting ARRL General Counsel Chris Imlay, W3KD, reported that the ARRL's Application for Review that seeks to clarify the FCC's PRB-1 limited preemption policy with respect to amateur antennas is pending before the full Commission. The ARRL wants the full Commission to review--and reverse--an FCC staff decision declining to extend PRB-1 coverage to include CC&Rs--covenants, conditions and restrictions. The EC agreed to request an en banc presentation to the full FCC this fall, after new Commission appointees have been seated.

Thanks, ARRL Bulletin.

Amateur Spectrum Protection Act

On March 1 the Amateur Radio Spectrum

Protection Act of 2001 was introduced into the US House of Representatives. Rep Michael Bilirakis of Florida introduced the bill, denoted H.R.817. ARRL President Jim Haynie, W5JBP, and ARRL First Vice President Joel Harrison, W5ZN, visited the Congressman's office to thank him personally for his continuing interest in protecting amateur allocations. The House measure has been referred to the House Committee on Energy and Commerce.

Sen. Michael Crapo of Idaho introduced the Senate version of the bill, denoted S.549, on March 15. Sen. Daniel Akaka of Hawaii was a cosponsor. The bill has been referred to the Senate Commerce, Science, and Transportation Committee. In introducing the Senate measure again this year, Crapo and Akaka referred to the importance of Amateur Radio in providing communication in times of disaster.

S.549 is identical in its wording to H.R.817. If approved by both chambers and signed by President George W. Bush, the Spectrum Protection Act would require the FCC to provide equivalent replacement spectrum should it ever reallocate primary Amateur Radio spectrum to another service. The same requirement would apply if the FCC acted to diminish any secondary amateur allocations or to make additional allocations in ham bands that diminish their utility.

More information on the Spectrum Protection Act, including the full text of the bills, is available on the ARRL Web site, <http://www.arrl.org/govrelations/arspa.html>.

In order to have a chance of passage, your Representatives and Senators must know that you support the bill. Please write!

HR 817 cosponsors as of July 13, 2001: 31, two of which, John T. Doolittle (CA-4th), Fortney Pete Stark (CA-13th) are from the Pacific Division. S.549: 7 cosponsors as of July 13, 2001, one of which, Daniel Akaka (HI-2nd), is from the Pacific Division.

Thanks, ARRL Letter and K6WR.

7 MHz Realignment for WRC-2003

The FCC's World Radiocommunication Conference 2003 Advisory Committee has approved several "preliminary views" (PVs) on expected WRC-03 agenda items. Among these is a US preliminary view supporting a realigned 40-meter amateur allocation at 6900-7200 kHz on a worldwide primary basis. The FCC is soliciting public comment on all preliminary views by May 9.

The preliminary view was developed by Informal Working Group 6, which is dealing with most issues of concern to amateurs. ARRL Technical Relations Specialist Walt Ireland, WB7CSL, serves as vice chairman of IWG-6. The PV says that, alternatively, the US could support a 7000-7300 kHz worldwide primary amateur allocation.

Only amateurs in Region 2, which includes North and South America, have access to 7000-7300 kHz; the rest of the world has only 7000-7100 kHz, with the upper 200 kHz allocated for broadcasting. ARRL Technical Relations Manager Paul Rinaldo, W4RI, says the ARRL would prefer

going back to the pre-World War II worldwide 7000-7300 kHz scheme. Some broadcasters, on the other hand, would like amateurs worldwide at 6800-7100 kHz, he said, so they would not have to move. A Radio Conference Subcommittee backgrounder from the Interdepartment Radio Advisory Committee--which reflects views of the federal government--said the issue "is liable to be very controversial."

Further complicating matters, Rinaldo said, is the fact that international HF broadcasters want to fold the 7 MHz realignment question into another WRC-03 agenda item examining the adequacy of HF broadcasting allocations from approximately 4 MHz to 10 MHz. Broadcasters are expected to seek additional HF elbow room to accommodate digital transmissions to complement their existing AM channels.

Another PV with implications for amateurs would op-pose the use of 420-470 MHz for use by the Earth Exploration Satellite Service for so-called synthetic aperture radars, or SARs unless it can be shown that the satellites "do not cause harmful interference to amateur systems and stations." SARs are used to map regions on Earth's surface and are expected to be deployed primarily over tropical rain forest areas.

Rinaldo emphasized that the preliminary views do not represent formal US positions and are subject to change as preparations for WRC-03 move forward.

Comments on WAC preliminary views may be filed via e-mail to wrc03@fcc.gov. The FCC's WRC-03 Web site, <http://www.fcc.gov/wrc-03>, includes additional information as well as links to related documents.

WRC-03 is scheduled to begin June 9, 2003, and continue until July 4, 2003. The conference is expected to take place in Venezuela.

Thanks, ARRL Bulletin.

Coming Events

- Foothill Flea Market - 2nd Saturday of each month from March through October at Foothill College, Los Altos.
- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, 7:00 AM to noon, all year. Talk in 147.045 from the west, 145.35 from the east. Contact Cliff Chiba, KF6EII, at 209-835-6715, email larkswap@usa.com.

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S.C.C.A.R.A. Membership Form for 2001

(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) name and call:

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

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

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

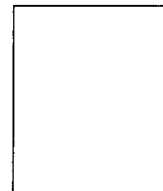
Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting or mail to the return address below:

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

**SANTA CLARA COUNTY
AMATEUR RADIO ASSOCIATION**

PO BOX 6
San Jose CA 95103-0006

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