

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 15, Number 12

December 1999



## President's Prose

This club will miss our two recent silent keys: Helen Tanner, K6EJJ, and Dan Dietz, WM6M. Both of them have contributed much to our club. Think of the memories (fond ones, I hope) and the way they touched and influenced you lives. They will be missed! John Tanner, K6EJF, is currently in Skyline Convalescent Home recovering from foot surgery. He is in room 114B. The phone number, direct to his bedside is 350-0331. He would love to have visitors. If you can't go see him, contact him on the SCCARA repeater. He has a hand held with him, and wants to talk to members. I haven't seen him in a week as I have been ill with a sinus infection and bronchitis, and don't think he wants my germs right now.

I want to help Gary with the *SCCARA-GRAM*. I am not as good an editor as he is, but I can help by providing him with more copy. I want to add a monthly column, "Get To Know Your Ham's." I want to interview one "old" and "new" ham by asking them five questions: 1) Why did you become a ham? 2) What kind of equipment do you have? 3) How has being an amateur helped your life? 4) Is there one specific thing that you have done since becoming an amateur, that is outstanding or significant to you? 5) Why do you stick with ham radio when the technology around you is so much more advanced? I want to start with John Tanner, as I have been working closely with him in recent months, and I need a new ham. Are there any volunteers who are willing to talk to me, without the radio? Please let me know.

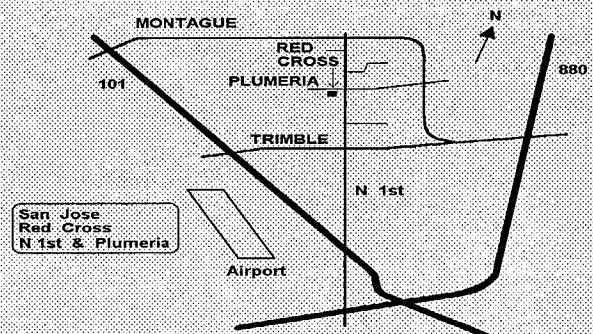
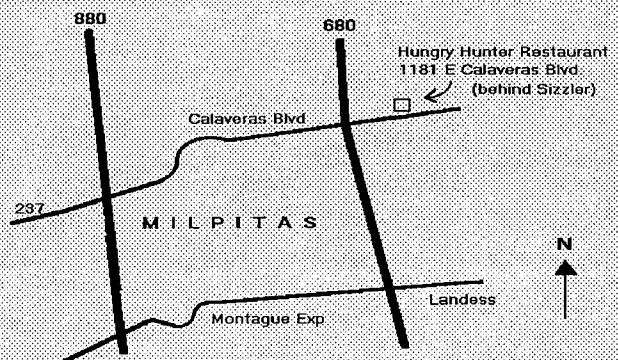
I have made some progress on the Hammer Elementary School site. I talked with Cindy Zechenelly, Disaster Preparedness Planner, about the possibility of having two of the three rooms they offered us. I feel the janitor's closet and the unused bathroom would be the best choices for our needs. They are right next to each other, are in a more secured area (behind a locked gate), and have an overhead protection of the hallway outside the rooms should we need extra space without taking up more rooms that the school needs for its own use. We have no antenna

## Calendar

- 12/11 SCCARA General Meeting--Luncheon
- 12/13 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 1/10 SCCARA General Meeting

### Annual General Meeting:

- Day: Saturday, December 11, 1999
- Time: 12 Noon
- Place: Hungry Hunter, 1181 E. Calaveras Blvd, Milpitas (just east of 680)
- Featuring: Luncheon. Annual meeting, installation of Officers.



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

President	Barbara Britten, KD6QEI	293-3847
	e-mail: ka6ymd@juno.com	
Vice President	Bob Forster, N6PCQ	296-5509
	e-mail: rlfoster@worldnet.att.net	
Secretary		
Treasurer	Lloyd DeVaughns, KD6FJI	225-6769
	e-mail: ldevaughns@aol.com	
Station Trustee	Stan Getsla, WA6VJY	275-0735
	e-mail: stan.getsla@trw.com	
Director	Clark Murphy, KE6KXO	262-9334
	e-mail: cmurphy@izap.com	
Director	Don Apte, KK6MX	629-0725
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Director	Lou Steirer, WA6QYS	241-7999
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Director	Wally Britten, KA6YMD	293-3847
	e-mail: ka6ymd@juno.com	
Editor	Gary Mitchell, WB6YRU	265-2336
	e-mail: wb6yru@aenet.net	

#### COMMITTEES

Repeater	Wally Britten, KA6YMD	293-3847
	e-mail: ka6ymd@juno.com	
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 in the Mt. Hamilton foothills, Alum Rock area. The 70 cm repeater and N0ARY BBS is located at the Alexian Brothers Hospital, North of 280 and 101.

#### SCCARA NETS

On our two meter repeater: Mondays at 7:30 PM, (not the second monday-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: 408 243-8349  
me-ae6z@worldnet.att.net

restrictions as we have at Red Cross. The club would have keys for the janitor's closet, the bathroom, and the gate, so we can have access whenever our needs demand. The bathroom next to the janitor's closet could become our store room for radio equipment and maybe give up the storage locker, and save us \$50.00 per month. The details are still being worked out. We will know soon if the school will let us have the two rooms. The rooms are close enough to the outside that we could bring our antenna trailer in and hook it up for greater input and output for special event stations.

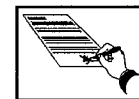
The school wants us there as part of their disaster preparedness planning. The school and surrounding community hold great potential for growth of club members and other resources. They would be happy to accept from our members anything we can give to the student community. It is fairly easy to get to the school by major and minor highways. Cindy is aware that we might not get things up and running until the new year due to upcoming holidays and that there is no problem there. Once we get set up, Cindy would like us to participate in school activities, such as "Disaster Preparedness Day" or health fairs.

A club member, who wishes to remain anonymous, has donated two pieces of equipment: a HF transceiver and a large, lockable desk. The desk would be good for the Alexian Bros. station. Speaking of Alexian Bros., I have not done much about the site yet, but will have more info by the board meeting.

Did you all go to the years Pacificon? Did you enjoy it? Did you win anything? I did! I have lots of coax cable that is going to be donated to the club to be used for our new stations. The cable has the wrong connectors, but Wally said he will put the right ones on before they are put into use. Right now, Wally, KA6YMD, says the current connectors make the cable unusable.

Remember to get your orders in for the Christmas party at noon on December 11 at The Hungry Hunter in Milpitas. See you at the next meeting. Bring a friend. Let's have a good time and enjoy each others company and knowledge.

Barbara K. Britten, KD6QEI



## **December Meeting**

Our annual christmas meeting this year will be a luncheon again instead of a dinner. It will be held on Saturday December 11 at the Hungary Hunter in Milpitas, (Calaveras Blvd just off Hwy 680, old yellow house location).

Lunch is at 12 noon. Please note that on Saturday, there isn't a regular bar, but you will be able to order a bottle of wine for the table.

This year we will not be having the raffle prize drawings. Instead we will have a gift exchange. The way it works is that everyone brings a wrapped gift suitable for a

man or woman costing about \$8-\$10. This type of gift exchange is always a lot of fun to participate in.

Reservations need to be in by Friday Dec. 3 (see sign-up sheet). Talk-in will be on our repeater, W6UU, 146.385+. Why not renew your membership at the same time?

I'm looking forward to seeing all of you there!

73, Don K6PBQ

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## Meeting Minutes

### General Meeting, Nov. 8, 1999



7:38 p.m. Meeting called to order by club president Barbara. Self introductions followed as is our custom.

Tonight's speaker is Gary, WB6YRU, and his topic is Packet radio.

#### Business Meeting:

Barbara, KD6QEI, reported on Dan Dietz's funeral. Barbara also talked about getting a radio station at the school.

Don, KO6HH, talked about taking down some of Dan's, WM6M, ham equipment.

#### Elections:

President: Barbara Britten, KD6QEI.  
V.P. (none)  
Secretary: (none)  
Treasurer: Lloyd DeVaughns, KD6FJI  
Station Trst: Stan Getsla WA6VJY  
Director: Don Village, K6PBQ  
Director: Clark Murphy KE6KXO  
Director: Lou Steirer, WA6QYS

Treasurer report: Lloyd, KD6FJI, reported that the checking account has \$ 712.33 and the savings account has \$ 5,821.51.

Repeater: Wally, KA6YMD, nothing new to report on repeater test with Sacramento Valley.

Gary, WB6YRU, there is a problem with the BBS system and it can only be fixed by Bob Arasmith, N0ARY.

Barbara, KD6QEI, reports that John Tanner, K6EJF, is in a convalescent home. The Christmas Party will be held on Saturday Dec. 11, 1999 at noon at The Hungry Hunter in Milpitas. Everyone should bring a gift for gift exchange. The January speaker will be Bob Forster, N6PCQ, and will talk

about fractal antennas.

10:00 p.m. meeting adjourned.

Lloyd KD6FJI

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### Board Meeting, Nov. 15, 1999



Present: Barbara, KD6QEI; Wally, KA6YMD; Don, K6PBQ; Lloyd, KD6FJI; Clark, KE6KXO; Gary, WB6YRU.

7:40 P.M. Meeting called to order by club president Barbara, KD6QEI.

Barbara is trying to make contact with Paul Tucker, Building Operations Manager, Regional Medical Center (Alexian Bros), to see about getting a club station there. She will send him e-mail concerning our status with respect to the station on the property.

Barbara, KD6QEI, received an e-mail from Cindy Z at the school about the proposed SCCARA radio room. The e-mail was about having a concerned fixture in one of the rooms we may be using. SCCARA does not need any fixtures in any room we may occupy.

The Next board meeting will be Dec. 13 at the Red Cross.

Wally, KA6YMD, No new information about the repeater.

Gary, WB6YRU, there are more photographs in the SCCARA-GRAM. There are not very many articles being submitted. Gary would like to get more amateur radio articles.

Don, K6PBQ, announced that Och, K6CAY, will install the officers at the Christmas Party.

Barbara, KD6QEI, led a discussion about a dues increase. There was also a discussion about whether or not we should continue to use bulk mail or should we sent the SCCARA-GRAM by first class mail.

The BBS is not working and the only one who can fix it is Bob Arasmith, and he is out of town.

Motion to adjourn, second and passed.  
8:52 p.m. Meeting adjourned.

Lloyd, KD6FJI

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## General Meeting, Oct. 11, 1999



Tonight we have our dinner meeting and there is no set regular program. There were a couple of developments that were informally discussed.

Bob, N6PQC, showed pictures of the proposed site of the SCCARA radio shack.

Wally, KA6YMD, said that Regional Medical Center (Alexian Brothers Hospital) might be available for the SCCARA radio shack. John Tanner's, K6EJF, wife Helen is in the hospital and he recently had foot surgery.

Lloyd KD6FJI

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## Board Meeting, Oct. 18, 1999



Present: Wally, KA6YMD; Barbara, KD6QEI; Don, KK6MX; Don, K6PBQ; Robert, N6PQC; Lou, WA6QYS; Lloyd, KD6FJI; Clark, KE6KXO; Gary, WB6YRU

7:34 p.m. Meeting called to order by President Barbara, KD6QEI.

There was a discussion about the possible SCCARA Radio shack.

Motion by Clark, KE6EXO, that SCCARA pursue both sites, Regional Medical Center (Alexian Brothers Hospital) and Hammer Elementary Montessori School, for SCCARA radio station site. Second and passed.

Wally, KA6YMD, said that Trish, WA6UBE, wants to do another test with another antenna and/or reposition the antenna at the repeater site.

Elections: We have no secretary or vice president candidates. We need 3 directors, Lou, WA6QYS, Don, K6PBQ, and Clark, KE6KXO will run again.

Don, KK6MX, made the comment that the station trustee should attend meetings and club functions. Don said that by not attending the club functions, the trustee is not in touch with the club and therefore, is not up on the issues that maybe vital to the club.

Barbara, KD6QEI, said that we need a secretary.

Lou, WA6QYS, suggested that we have a special event station to celebrate California being admitted to the union in

1849. Don, K6PBQ, suggests that if this comes to past, that it be held at the San Jose Historical Museum on Memorial Weekend.

Barbara, KD6QEI, likes the idea of having special event stations Don, K6PBQ, wanted to know if we still want to have field day at the same location.

Brad Wyatt, KR6R, maybe available to do instillation of officers at the Christmas Party.

Don, K6PBQ, suggested that we increase the dues from \$15.00 to \$20.00. Clark said that the dues increase should have input from the general membership. Barbara, KD6QEI, will bring the dues increase proposal to the membership at the next meeting.

Barbara, KD6QEI, John Tanner is in the hospital and may have to have at least a toe and possibly a foot amputation. His wife, Helen, is also in the hospital.

Gary, WB6YRU, there have been pictures put in the SCCARA-GRAM. The NCPA used our bulk mailing account for a recent mailing, SCCARA has been reimbursed.

Barbara wants to interview a ham each month for the SCCARA-GRAM.

9:37 p.m. Meeting adjourned.

Lloyd KD6FJI

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## ARRL News

From *The ARRL Letter*, October 29, 1999

### New Enforcement and Consumer Information bureaus official

It's now official! The FCC will create two new bureaus--the Enforcement Bureau and the Consumer Information Bureau--effective November 8. FCC Chairman William Kennard made the announcement during testimony October 26 before the House Telecommunications Subcommittee on the FCC's Five-Year Strategic Plan.

"Our decision to establish bureaus devoted exclusively to enforcement and consumer information signals the enormous importance of these functions in our transition from an industry regulator to a market facilitator," Kennard said. "This reorganization is the first step in a larger effort to streamline and modernize the FCC."

As expected, FCC Deputy General Counsel David H. Solomon was named to head the Enforcement Bureau. The

new bureau will consolidate enforcement functions--including amateur--and personnel from the Commission's existing Common Carrier, Mass Media, Wireless Telecommunications and Compliance and Information Bureaus. Solomon has been Deputy General Counsel since 1994.

Current FCC Legal Adviser for Enforcement Riley Hollingsworth, K4ZDH, says he hopes the reorganization eventually will permit him to increase the amount of time he's able to devote to Amateur Radio enforcement. Hollingsworth will get a new title as part of the reorganization: Special Counsel for Amateur Radio Enforcement.

In a surprise move, Kennard announced his intention to name Lorraine C. Miller to be Bureau Chief of the new Consumer Information Bureau. Miller now directs the Office of Congressional Relations at the Federal Trade Commission. Current Compliance and Information Bureau Chief Richard Lee had been expected to become the new CIB chief. Instead, Lee has been appointed Senior Director of Licensing Analysis in the Chairman's office. In that role, he'll advise the FCC on consolidating licensing functions across the agency.

The new CIB will consolidate the FCC's Gettysburg Call Center (to be renamed the Consumer Center) as well as staff from various bureaus who handle consumer complaints and public information requests.

Hollingsworth has agreed to be detailed from the new Enforcement Bureau to the new Consumer Information Bureau to handle the Consumer Center at Gettysburg after the new bureaus become effective November 8. The temporary duty will last four to six weeks. Hollingsworth says Amateur Radio enforcement will be his priority, and, by agreement between the two bureaus, amateur enforcement will continue at its present pace. Hollingsworth's current duties also include Land Mobile Service enforcement.

For more details on the reorganization plan, visit [http://www.fcc.gov/Bureaus/Miscellaneous/News\\_Releases/1999/nrmc9072.html](http://www.fcc.gov/Bureaus/Miscellaneous/News_Releases/1999/nrmc9072.html). --FCC news release

### **FCC Revises conducted emission limits**

The FCC has gone along with recommendations from the ARRL and others to hold the line on conducted emissions below 30 MHz from unlicensed consumer electronic and industrial, scientific and medical devices operating under Parts 15 and 18 of the Commission's rules. The FCC has proposed new emission guidelines that are just slightly more stringent than the current FCC standards.

"We conclude that mandatory conducted emission limits continue to be necessary to control interference to communications services," the FCC said in a Notice of

Proposed Rule Making in ET Docket 98-80, released October 18. The Commission announced plans to "harmonize" its conducted emission standards with international standards developed by the International Electrotechnical Commission, International Special Committee on Radio Interference--known as CISPR.

The CISPR emission limits for consumer equipment are "approximately 5 dB more stringent below 5 MHz and 1 dB more stringent above 5 MHz" than the existing standards, the FCC said. "We believe that these standards address some of the concerns expressed by ARRL" and others in response to last year's FCC Notice of Inquiry on the issue, the Commission commented.

The Commission said it was not persuaded by a National Association of Broadcasters' suggestion to impose much tighter standards--22 dB greater than present--to protect AM broadcasting.

Interfering devices include such common household appliances as computers, TV sets, and microwave ovens. Conducted emissions result from RF voltages imposed on the ac power line, which can, in turn, act as an antenna. In general, the FCC's current conducted emissions limit is 250 uV. Equipment manufacturers had argued to relax existing limits to keep down production costs, while the ARRL and others representing spectrum users had asserted that the existing limits were not tight enough. In response to the earlier NOI, the League had commented that the proliferation of Part 15 and 18 devices over the past decade had resulted in "a marked increase in RF noise from conducted emissions generally."

The FCC said it agrees that standards on the amount of RF energy conducted onto the ac power lines "are required to control potential interference to users of the radio spectrum below 30 MHz." It also invited comments on expanding the frequency range of the conducted emission limits from the current 450 to 30 MHz to the 9 kHz to 30 MHz spelled out in the CISPR standards. The ARRL has proposed that the FCC allocate new LF amateur bands at 136 kHz and at 160 to 190 kHz.

Comments on the NPRM are due 75 days after its publication in The Federal Register, and reply comments are due 30 days later. A copy of the FCC's Notice of Proposed Rule Making in ET Docket 98-80 is available at <http://www.arrl.org/announce/regulatory/et98-80/nprm.html>.

### **FCC Allocates 75 MHz at 5.9 GHz for ITS**

As expected, the FCC has allocated 75 MHz of spectrum in the vicinity of 5.9 GHz for use by so-called "Intelligent Transportation System" services aimed at improving highway safety. The co-primary allocation for Dedicated Short Range Communications systems at 5.850 to 5.925 GHz includes the

upper portion of a secondary Amateur Service allocation. Hams share 5.650 to 5.925 GHz with government radars and nongovernment fixed satellite service uplinks. The FCC already has allocated 5.725-5.825 GHz for U-NII devices to provide short-range, high-speed wireless digital communication under Part 15.

In releasing its Report and Order in ET Docket 98-95 October 22, the FCC said the 5.850-5.925 GHz band would be devoted to a variety of Part 90 DSRC uses such as traffic light control, traffic monitoring, travelers' alerts, automatic toll collection and traffic congestion detection. Other proposed uses of ITS would include electronic inspection of moving trucks and emergency vehicle traffic signal preemption. The Commission said that amateur organizations and licensees "raised the majority of DSRC spectrum sharing concerns" in their comments on last year's Notice of Proposed Rulemaking on the issue.

In its September 1998 comments, the ARRL said the FCC was proposing too much spectrum at 5.9 GHz for DSRC deployment. The League had asked that the FCC compensate the Amateur Service by elevating remaining Amateur and Amateur Satellite allocations at 5.650 to 5.725 and 5.825 to 5.850 GHz to nongovernment primary "to insure against future preemption by nongovernment services with higher allocation status." The FCC Report and Order did not specifically address the ARRL's request for elevation to primary status, however.

In the R&O, the FCC said it was "sympathetic" with the League's concerns that the ITS and U-NII allocations could impact amateur use in the band but said hams have 275 MHz in the band and most ham use is for point-to-point networks. Given amateur radio's inherent frequency agility, the FCC said it believes "spectrum sharing between the amateur service point-to-point links and DSRC operations is viable." DSRC operations in the 5.850-5.925 GHz band "are unlikely to receive significant interference from or cause interference to amateur operations," the FCC said.

The FCC encouraged ITS entities to "informally notify the ARRL or the local amateur service community" of their intended operation. The FCC has proposed a maximum of 30 W EIRP for DSRC systems, but the rules will require ITS licensees to use the minimal power necessary.

The FCC says it will defer consideration of licensing and services rules and spectrum channelization plans to a later proceeding.

#### **AMSAT urges FCC to reject 2.4 GHz experimental application**

AMSAT has urged the FCC to reject Los Angeles County, California's application for an experimental license to develop a public safety video system on the 2.4 GHz band. The LA

County proposal, filed August 9, seeks FCC approval to develop an experimental system using four 10-MHz channels to transmit video images from helicopter-borne cameras to five remote receiving sites with active tracking antennas.

The proposal targets the 2402-2448 MHz band. Amateurs have a primary domestic allocation at 2402-2417 MHz.

In comments filed October 22 with the FCC's Office of Engineering Technology AMSAT-NA President Keith Baker, KB1SF, said AMSAT views the experimental TV operation "with the greatest concern."

"AMSAT believes that any such grant would violate the spirit of Commission's own order granting amateurs primary status on much of the band in question," Baker said, "and could well disrupt amateur satellite and other amateur use of the band as well as jeopardizing its use by other existing occupants."

Baker urged the FCC to deny the experimental license application because it poses the potential for serious interference to current and future satellites and could limit the use of the pending Phase 3D amateur satellite. The Phase 3D satellite includes transmitters and receivers on 2.4 GHz. The satellite is expected to be launched sometime next year.

Baker also expressed concerns that a temporary experimental license could become a permanent fixture. The ARRL expressed similar objections to the proposal last month.

The decision to grant the proposed experimental license is up to the FCC Office of Engineering and Technology's Experimental Licensing Division.

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From *The ARRL Letter*, November 19 & 26, 1999

#### **FCC letter includes operating reminders for nets**

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth recently took advantage of an enforcement-related letter to issue some operating reminders for nets.

On November 3, Hollingsworth wrote Alan E. Strauss, WA4JTK, of Carol City, Florida, to follow up on earlier complaints about the "14.247 DX Group," for which Strauss serves as net control. The FCC had contacted Strauss earlier this year regarding complaints that the 14.247 DX Group monopolized that frequency and interfered with ongoing amateur communications. The November 3 letter included correspondence the FCC received on August 4 that Hollingsworth said conflicts with Strauss's explanation of interference alleged to have occurred to the net in July. Hollingsworth said the case will remain open, and the FCC

will continue to monitor net operations.

Hollingsworth used the occasion of the Strauss letter to again point out that amateur frequencies are shared, and no net has a greater right than any other ham to a given frequency and cannot take over a frequency unless it is voluntarily relinquished.

If the frequency is not relinquished, Hollingsworth said, amateurs must exercise "good Amateur practice" in choosing another frequency that does not disrupt existing communications. "A net 'taking over' a frequency from existing legitimate communications or deliberately operating disruptively close to existing legitimate communications will be considered to be engaging in deliberate interference," he wrote.

Hollingsworth also told Strauss that the practice of "identifying only by the last two letters of an Amateur call sign is a violation of Part 97" of the FCC rules and that such practice "must not be condoned by your group." Some amateurs had construed the statement--widely reported elsewhere--as a tightening of FCC station identification enforcement policy. Hollingsworth says that's not the case.

"All we said was that if only the last two letters are given, it doesn't meet Part 97," he said. He pointed out that if a calling station using an abbreviated ID is never acknowledged and given a chance to give a complete call sign, a legal ID would be lacking for that communication. To be strictly legal, stations using a suffix-letter ID always must identify within the first 10 minutes of the communication (and each 10 minutes thereafter) with a complete call sign. Hollingsworth restated the requirements in a follow-up letter to Strauss on November 16.

Hollingsworth this week also reminded net control stations not to encourage rule violations by requiring check-ins to use two-letter IDs without allowing a legal ID at some point within the time limits of the rules.

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## Packet Pieces

### Heard on packet or the internet...

-----  
Date: 8 Dec 97 08:07  
From: AB7RG@KB7FRV  
To: FARCE@USA  
Subject: The "Die Hard" DX'er!  
-----

"The Die Hard DX'er!"

5:00 AM - Fellow DX'ers arrive. Crawl out of nice warm bed.

5:30 AM - Toss all gear into truck.

5:45 AM - Get gear out of neighbors truck, and put it in yours.

6:00 AM - Get speeding ticket while hurrying to get to the mountains.

7:15 AM - Get to "the site", near top of mountain.

7:16 AM - Start unloading gear.

7:20 AM - Get poked in eye with 20M vertical by fellow DX'er.

7:50 AM - Arrive at hospital to get eye patched up.

8:30 AM - Get another speeding ticket while heading up to mountains.

8:45 AM - Arrive back at site. Unload antennas yourself this time.

9:45 AM - Hike up to mountaintop. Pass out from exhaustion.

9:50 AM - Wake up to smelling salt, and laughter from fellow DX'ers.

10:00 AM - Put up antennas, and set up rigs.

10:15 AM - Fire up rig, call CQ for half an hour; no replies.

10:46 AM - Hook up coax to rig...

10:48 AM - Realize that finals are wasted in main rig.

10:50 AM - Hook up back-up rig, this time with coax.

11:00 AM - Yell CQ, rare VP8 comes back; antenna falls down...

11:15 AM - Wake up to smelling salt, fellow DX'ers shaking heads.

11:30 AM - Guy antennas.

12:05 PM - See long list of QSO's made by fellow DX'ers.

12:06 PM - Notice rare VP8 in logbook.

12:07 PM - Beat fellow DX'er over head with logbook.

12:09 PM - Restrained by rest of DXpedition team.

12:30 PM - Back to rig for another attempt.

12:35 PM - Nearby lightning strike kills receiver. Notice wet pants...

12:36 PM - Look for shelter.

12:38 PM - Find cave!

12:41 PM - Watch antenna get struck by lightning while hiding in cave.

12:42 PM - Wish it was fellow DX'er's antenna, or him that was struck...

12:45 PM - Realize you're not alone in cave...

12:46 PM - Pick up really big rock...

12:47 PM - Mauled by large angry bear.

12:50 PM - Get pulled out of cave by fellow DX'ers.

1:05 PM - Finally get talked into receiving medical treatment.

1:30 PM - Arrive back at hospital.

1:55 PM - Receive series of painful rabies shots, and multiple stitches.

2:30 PM - Get out of hospital and return home.

2:35 PM - "Explain" stitches and eye patch to wife.

3:00 PM - Realize gear is still up on mountain, with bear.

3:01 PM - Wish fellow DX'ers were still up on mountain, with bear...

3:03 PM - Consider taking up drinking.

7:00 PM - Get phone call from DX'er buddies.  
7:05 PM - Agree to go on DXpedition again tomorrow...

73, & May the FARCE be with you! Clinton, AB7RG.

=====

Date: 10 Sep 94 11:11  
From: N5EQO@N5UXT  
To: HUMOR@USA  
Subject: Home Education

-----  
A father was trying to teach his young son the evils of alcohol. He put one worm in a glass of water and another worm in a glass of whiskey. The worm in the water lived, while the one in whiskey curled up and died.

"All right, son," asked the father, "what does that show you?"

"Well, Dad, it shows that if you drink alcohol, you will not have worms."

Nancy Carson  
From The Happy Club de Nick N5EQO

=====

From: Larry Kenney <Larry@slip.net>  
Subject: Chuckles

#### ONE-LINERS OF WISDOM

A day without sunshine is like, well, night.  
On the other hand, you have different fingers.  
Change is inevitable, except from a vending machine.  
Back up my hard drive? How do I put it in reverse?  
I just got lost in thought. It was unfamiliar territory.  
When the chips are down, the buffalo is empty.  
Seen it all, done it all, can't remember most of it.  
Those who live by the sword get shot by those who don't.  
He's not dead, he's electroencephalographically challenged.  
She's always late. Her ancestors arrived on the June Flower.  
You have the right to remain silent. Anything you say will be misquoted, then used against you.  
Honk if you love peace and quiet.  
Despite the cost of living, have you noticed how it remains so popular?  
Nothing is foolproof to a sufficiently talented fool.  
Atheism is a non-prophet organization.  
He who laughs last, thinks slowest.

#### DEEP THOUGHTS

Whose cruel idea was it for the word "lisp" to have an "s" in it?  
Since light travels faster than sound, isn't that why some people appear bright until you hear them speak?

How come abbreviated is such a long word?  
If it's zero degrees outside today, and it's supposed to be twice as cold tomorrow, how cold is it going to be?  
Why do you press harder on a remote control when you know the battery is dead?  
Why are they called "buildings," when they're already finished? Shouldn't they be called "builds"?  
Why are they called apartments, when they're all stuck together?  
Why do people without a watch look at their wrist when you ask them what time it is?  
Why do you ask someone without a watch what time it is?  
Why does sour cream have an expiration date?  
Why do banks charge you a "non-sufficient funds fee" on money they already know you don't have?  
Does the reverse side also have a reverse side?  
Why is the alphabet in that order?  
If a tree falls in the forest, and no one is around to see it, do the other trees make fun of it?  
Why is a carrot more orange than an orange?  
When two airplanes almost collide, why do they call it a near miss?  
Why are there 5 syllables in the word "monosyllabic"?  
Why do they call it the Department of Interior when they are in charge of everything outdoors?  
Why do scientists call it research when looking for something new?  
Why is it that when a door is open, it's ajar-but when a jar is open, it's not adoor?  
How much deeper would the ocean be if sponges didn't grow in it?  
Why buy a product that it takes 2000 flushes to get rid of?  
Why do we wait until a pig is dead to "cure" it?  
Why do we wash bath towels? Aren't we clean when we use them?  
Why do we put suits in a garment bag and put garments in a suitcase?  
Why doesn't glue stick to the inside of the bottle?  
Do Roman paramedics refer to IV's as "4's"?  
What do little birdies see when they get knocked unconscious?  
Why doesn't Tarzan have a beard?  
If man evolved from monkeys and apes, why do we still have monkeys and apes?  
Should you trust a stockbroker who's married to a travel agent?  
Is boneless chicken considered to be an invertebrate?  
Do married people live longer than single people do, or does it just SEEM longer?  
If all those psychics know the winning lottery numbers, why are they all still working?  
Isn't Disney World a people trap operated by a mouse?  
Isn't the best way to save face, to keep the lower part shut?  
War doesn't determine who's right, just who's left  
Who is "General Failure" and why is he reading my disk?



# ARRL Pacific Division Update

**December 1999**

## **New Pacific Division Leadership in 2000**

Jim Maxwell, W6CF, the Pacific Division Director-Elect will become the Pacific Division Director on Jan. 1, 2000. Jim has been my outstanding Vice Director for these last six years. On Nov. 19, Bob Vallio, W6RGG, was elected as the Pacific Division Vice Director-Elect also to take office on Jan. 1, 2000.

Thanks to Jettie Hill, W6RFF, and John Ronan, K3ZJJ, for running for Vice Director. Again, congratulations to Jim and Bob! I am certain that you and your team will have great success in the years ahead.

## **Biennial Review Possible by Year's End**

Knowledgeable sources in Washington say the amateur license restructuring issue has moved to the front burner at the FCC, and a Report and Order could be released before the end of 1999.

The Amateur Radio community has been awaiting license restructuring--known officially as the 1998 Biennial Regulatory Review of Part 97 (WT Docket 98-143)--for nearly one year now. While no one has mentioned a hard-and-fast date to wrap up the long-awaited proceeding, reports from several sources suggest that the R & O draft is in its final stages and could be complete within a month or so. During a recent visit to top FCC officials in Washington, League officials pressed again for early action on the license restructuring rulemaking. They were assured that the issue was not stalled and that the Wireless Telecommunications Bureau was "working very actively" to move restructuring along. There is no information on what the anticipated Report & Order will contain.

The restructuring debate generated more than 2200 comments to the FCC, many of them from individual amateurs. Once the FCC approves the Report & Order, a Public Notice will be issued, and the actual R&O will be released probably within a few days.

Thanks ARRL Bulletin. See also December QST, page 16.

## **FCC Logs Vanity Headway**

There's additional progress to report on the vanity call sign front. The FCC reported November 5 that it had processed vanity call sign applications received through September 7.

"Slowly but surely," says the ULS Task Force. It

appears from FCC records that 1528 vanity applications were filed between August 16--the first day of Universal Licensing System Amateur Service deployment--and October 29. The FCC granted 524 vanity call signs since it resumed vanity processing in mid-September.

The FCC also says it's eyeing possible improvements to the Universal Licensing System. The ULS Task Force says it agrees that Microsoft Internet Explorer must be fully supported by the ULS, and the system will be modified to support it in early 2000. Right now, the ULS supports only the latest versions of Netscape.

The FCC has given the Wireless Telecommunications Bureau authority to make ULS electronic filing available via the Internet provided "security concerns can be overcome." While no formal determination has been made to go with Internet or Web access instead of a dial-up connection, the WTB reportedly is taking steps to make online filing available and could do so as early as the first quarter of next year.

The ULS Task Force also says it's looking into more beta testing of ULS software prior to public release.

Thanks ARRL Letter. See also, December QST, pages 68-69.

## **Phase 3D Accepted for Ariane 5 Launch**

AMSAT-NA says the Phase 3D Amateur Radio satellite has been accepted as a payload for the "first suitable" Arianespace Ariane 5 vehicle launch. The announcement came recently from Phase 3D Project Leader and AMSAT-Germany President Karl Meinzer, DJ4ZC, who said a launch opportunity could come during the first half of next year. "As the primary agency responsible for securing a launch opportunity for Phase 3D, I am pleased to announce that AMSAT-Germany and Arianespace have now come to an agreement calling for the launch of P3D as a secondary payload aboard the 'first suitable' Ariane 5 flight," Meinzer said in a statement from Marburg, Germany. "From the very beginning of the Phase 3D project, we considered the Ariane 5 series our primary launch vehicle. Our long history of success and mutual cooperation with both the European Space Agency and Arianespace, coupled with our need to lift P3D into a high geostationary transfer orbit, made the Ariane 5 the unanimous choice by AMSAT." Specific details of the launch agreement were not released.

ARRL Executive Vice President David Sumner, K1ZZ, welcomed the AMSAT announcement. "Congratulations to AMSAT's Phase 3D team on moving another important step closer to launch," Sumner said. "For those who have been putting off getting their stations ready for Phase 3D, the time for procrastination is just about over." The League has been a major contributor to the Phase 3D project.

Based on its new 'standby' launch status, Phase 3D is slated to be delivered to the Guiana Space Center in Kourou, French Guiana, later this month to be ready once a specific Ariane 5 launch is identified. The Phase 3D project has been an international effort that has worked with

donated resources. In addition to AMSAT-DL and AMSAT-NA teams, AMSAT groups from Austria, Great Britain, Japan, Canada, Finland, Russia, Belgium, the Czech Republic, Slovenia, France, New Zealand and Hungary also have participated.

## Latest News on Spectrum Protection

It's round two in Congress for the Amateur Radio Spectrum Protection Act. At the request of the ARRL, Rep. Michael Bilirakis introduced the 1999 version of the proposed legislation, HR 783, on February 23. As of Nov. 19, the bill had received 131 co-sponsorships. Nationally, we now have more co-sponsorships than we had for the 1998 bill, but we need to obtain some 218 co-sponsorships to have a majority of the House as co-sponsors. Keep up the good work!

The bill is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. Bilirakis, a Florida Republican, also sponsored last year's measure, which attracted upwards of 83 cosponsors on both sides of the aisle. Rep Frank Pallone Jr., a New Jersey Democrat, is the initial cosponsor of the 1999 bill.

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, says the 1999 bill "is largely the same as last year's HR 3572." The major difference is that the 1999 version adds "Amateur Satellite Service" frequencies to "Amateur Radio Service" in detailing the frequencies that would be afforded protection under the act.

Specifically, HR 783 would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs.

Mansfield said it's too soon to predict how HR 783 will fare in the new Congress, but said the fact that it has been introduced so early in the session "bodes well for our prospects." He said that a number of the cosponsors from last year already have indicated an interest in signing on again, "so I think we'll have a lot of support."

A copy of the measure and the current list of co-sponsors are available via the THOMAS Web site, <http://thomas.loc.gov/>.

Thanks, ARRL Letter, ARRL Bulletin, and THOMAS web site. See also, December QST, pages 15-16.

## Coming Events

- 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, (209) 835-6715, e-mail: [larkswap@usa.com](mailto:larkswap@usa.com).

- Radiofest 2000 sponsored by the Naval Postgraduate School ARC will be held on Feb. 19, 2000, at the General Stilwell Community Center, POM Annex, 4260 Gigling Rd, Seaside, CA, starting at 8 AM. Contact Will Costello, WC6OX, at (831) 375-8133, email at [wc6ox@arrl.net](mailto:wc6ox@arrl.net) or the website at <http://www.k6ly.org/radiofest>. Talk in on 146.79.

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Pacific Division Web site <http://www.pdarrrl.org/>

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## Newsletter Notes

This isn't exactly about the newsletter itself, but the newsletter is involved...

At our elections in November, we failed to elect a secretary and vice president. It's been a couple of years now since we had a secretary. As a non-profit organization, we must have at least a president, secretary, and treasurer (state law). So, it's more than just a big inconvenience when any of those three offices go unfilled.

The secretary is the record keeping officer and the one who maintains the roster. The vice president fills in for the president and (at least in SCCARA) is the one who arranges speakers at the general meetings.

I have been thinking about running for secretary myself, but this means handing over the editor's post to someone else. Now, since we've had a lot of trouble convincing members to run for office, and since the editor's post may well be the biggest job in the club, there is a chance that nobody will step up to take the editor's post.

A newsletter is an important feature of any club like SCCARA and the possibility that we may be without an editor is no trivial matter. However, it's also very important that we have a secretary. I've been the editor for almost seven years now, maybe it's time to give someone else a turn. Don't get me wrong, I find the job interesting and challenging, but maybe we'll have better luck attracting editor than a secretary.

Any comments or other ideas?

73, Gary WB6YRU, editor

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# S.C.C.A.R.A. Membership Form for 2000

(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 Exp: \_\_\_\_\_

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

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

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

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

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 =====

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AMATEUR RADIO ASSOCIATION

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