



# SCCARA-GRAM



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SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION  
AN ARRL AFFILIATED CLUB-----ESTABLISHED 1921  
REPEATER CALL: W6UU-----SECONDARY CALL: W6UW

MARCH, 1988

## SCHEDULE OF EVENTS:

SCCARA MONTHLY MEETING at 7:30 pm, March 14th at Agnew Developmental Center. (see map below) Speaker will be Larry Adkin, N7EQN, from National Weather Service, speaking on "Sky-Warn".

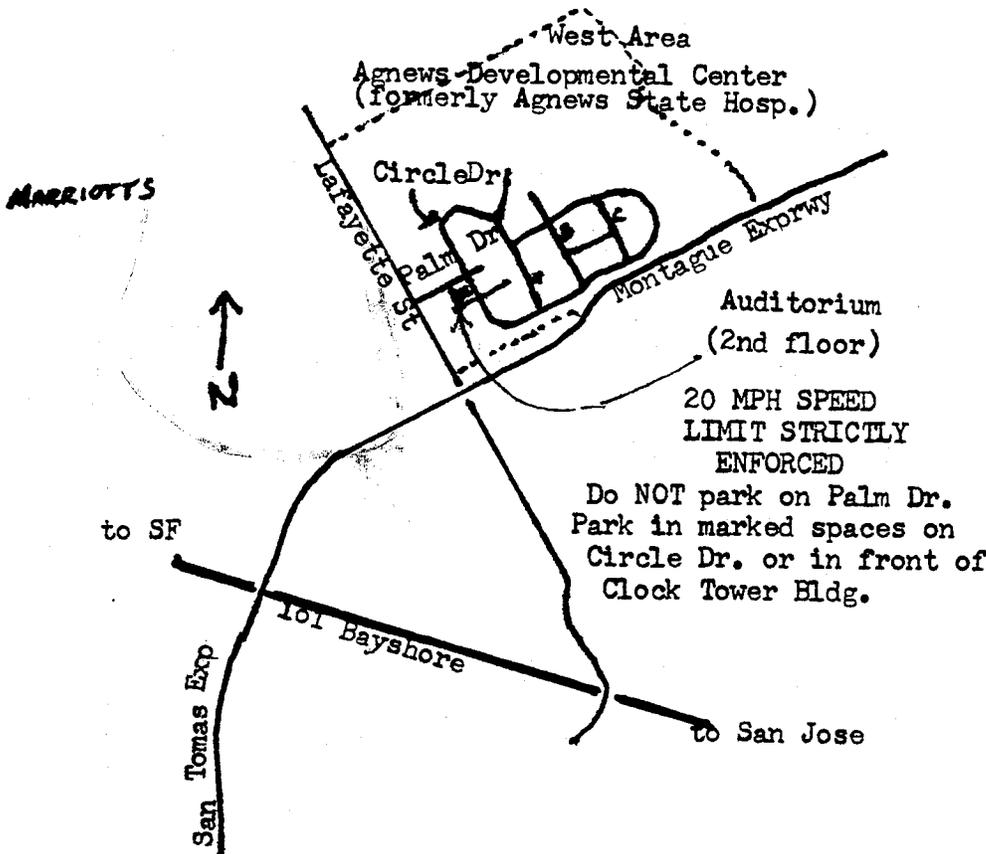
SCCARA BOARD MEETING will again be a 6:00 pm dinner meeting, preceding the meeting above, at the Tasman St. Cafe at Tasman near Lawrence Expressway.

HAM-GEAR FLEAMARKET at Foothill College is scheduled for Saturday, March 12th. Early birds get the goodies!

THE SCCARA HOT-LINE is a reality. Backing up the Repeater, you can now dial (408) 249-6909 for ongoing activities, and to leave a message if desired. Using borrowed equipment for a trial, Veep Bob, N6PCQ, will baby-sit the program until we see how it works out. This will follow the same pattern as our ARRL VEC Hotline, (408) 964-8353, except that you can leave a message.

NEW SCCARA QTH. Thanks to the efforts of KB6MXH, Lee, & WA6QYS, Lou, SCCARA has a new home at AGNEWS DEVELOPMENTAL CENTER. (formerly Agnews State Hospital) We have included a map to assist you. It's easy to find: Exit 101 Bayshore at 237 Montague Expressway. Turn north onto

Lafayette St, then turn right onto Palm Drive, going one block to Circle Dr., The building on the S/W Corner is our new meeting place. We have the auditorium on the 2nd floor. Talk-in SCCARA Repeater: 146.385 MHz + 600. Parking NOT allowed on Palm Dr. Park on Circle Dr. in marked parking spaces, or in marked parking spaces in front of Clock Tower Building. MAXIMUM SPEED LIMIT IS 20 MPH PLEASE watch it, they strictly enforce it!!



End of page one

DIRECTOR'S REPORT  
FEBRUARY, 1988  
Rod Stafford, KB6ZV  
Director, Pacific Division

A major development for the Int'l Amateur Radio Union (IARU) during 1987 was the growing probability of an ITU Conference that could have authority to reallocate spectrum. The probability is that this could occur in the 1992-93 time frame. The ITU is the International Telecommunications Union. It is made up of representatives from all of the governing radio agencies in the member countries. So, the FCC is the representative from the U.S. Other countries send their equivalent to the FCC to the ITU meetings.

Every decade or so there is a major World Administrative Radio Conference (WARC) which undertakes to completely review, and sometimes revise, the ITU Radio Regulations. The last General WARC took place in 1979. In between the General WARCs there are specialized WARCs which deal with the problems of particular services. When these specialized WARCs occur, they do not have the authority to make changes which would affect other services not represented at the particular specialized WARC. In recent years, 1987 included, these specialized WARCs have found it increasingly difficult to solve their spectrum problems within the framework of the Radio Regulations adopted at WARC 1979. The HF Broadcasting WARC and the Mobile WARC were both held in 1987 and both conferences ended with a call for the ITU to schedule a competent WARC no later than 1992 to look at certain portions of the spectrum which are experiencing some problems. Whether the 1992 WARC will be a full-fledged General WARC which examines the entire Table of Frequency Allocations or a limited General WARC examining only certain problem areas won't be known until the ITU holds its Pleni-potentiary Conference in May, 1989.

At the present time, we know of some of the problem areas. The HF Broadcasters in foreign countries believe they cannot solve their frequency problems within the allocations set at WARC 79. That is, the sum of all channel-hours desired by HF Broadcasters far exceeds the channel-hours available under the 1979 allocations. The HF Broadcasters want more frequencies and according to Richard Baldwin, W1RU, the current IARU President, the HF Broadcasters are particularly anxious to obtain additional allocations in the 7 MHz vicinity.

Richard Baldwin also sees the UHF and microwave frequencies vulnerable as there's a multitude of new uses and users of these portions of the spectrum and there is real difficulty in finding room in the existing spectrum to accommodate these new uses and users. The amateur allocations in the 420-450 MHz portion and above 1200 MHz will be under severe pressure from other services who will want at least a part of those allocations.

What needs to be done to prepare for the WARC in 1992? Each member society of the IARU (in the U.S., the ARRL) should make sure that its telecommunications administration is made aware of the value of amateur radio, that each administration knows the needs of the amateur service in its country and that each administration supports its amateur radio service at the WARC.

The ARRL is working on the preparation for the WARC, if it should occur. At its recent Board of Directors meeting in January, 1988, the Board approved setting aside \$105,000. to establish a "Fund for the Defense of Amateur Radio Frequencies." This will fund needed travel to

and from conferences and meetings over the next couple of years at which the ARRL can make contact with other IARU member societies in order to prepare for the WARC. It will no doubt be a lot of work and expensive but it is a very important task and one that every amateur ought to be aware of.

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FCC General Docket No. 87-389 constitutes a wholesale revision of FCC Part 15 of the FCC Rules. These rules govern the interference potential of RF devices of all types. The effort in the proposed rewrite is to limit the categories of RF devices to two groups: unintentional radiating devices and intentional radiating devices. The proposed Rules would simplify the maximum permitted field strengths from the two categories so that it is 'easy' to determine, when examining any given device, what the limitations on its operation and interference potential are. ARRL staff has studied the proposed new rules and has concluded that the RF levels, which are in essentially all cases higher than those permitted by the existing rules, would permit harmful interference to amateur transceivers and should not be adopted. At the January, 1988 ARRL Board of Directors meeting, the Board directed Counsel to file comments in this proceeding emphasizing that intentionally radiating devices should NOT be permitted in the amateur bands and that those devices categorized as unintentionally radiating should be bound by the current maximum level of RF emissions. The comment deadline in this proceeding is March 7, 1988.

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Ray Kowalski, just before he left the FCC, sent an interesting letter to two groups in Southern California both of whom claimed to be valid frequency coordinators for the 220 MHz band. Kowalski gave them both the task of cooperating with one another for the joint coordination of 220 MHz repeaters in their area. See just how helpful the FCC can be. All you have to do is ask!

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The ARRL and the Amateur Satellite Corporation (AMSAT) have jointly expressed interest in participation in the Space Station planned by NASA in the 1990's. Benefits: promoting favorable public awareness, performing radio experiments, furnishing morale communications for the crews, and in general, providing backup communications capability. Modes would include real time voice and data transmissions with ground-based amateur stations, and video downlinks to portable demonstration stations in schools, youth camps, and to other gatherings.

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As a part of its work in coming up with some revised methods of teaching amateur radio to young people, the Education Task Force categorized all of the school radio clubs that are registered with the ARRL. Here's the breakdown:

Four year college/university clubs.....	65
Two year college or technical school...	13
High schools.....	20
Junior high schools.....	8
Elementary schools.....	4
Misc. (can't tell from name).....	6
Other (4H, Explorers, etc.).....	5

It would appear there is plenty of room for growth in this area! Would your club consider sponsoring a high school or college amateur radio club at campus nearby? I'll bet you'd find there would be several people to take your club's next Novice class. Til next month, 73.

End of page two

MINUTES OF SCCARA GENERAL MEETING  
FEB. 8th at ISAAC NEWTON CENTER, S. J.

The meeting was called to order at 7:35 pm by President Allen Levin, N6NOY, followed by self-introductions of the 54 members, visitors and guests, each of which told the group what their favorite HF antennas were.

Pres. Levin then turned the meeting over to Vice-President Bob Forster, N6PCQ, for the introduction of the guest speaker for the evening.

The guest speaker was none other than our own inimitable Al Gaetano, W6VZT, who delivered an interesting and informative presentation covering amateur antenna fundamentals.

Pres. Levin then made several announcements. First, he reiterated the need for the club to find a new permanent meeting place. Second, he mentioned the need for a new permanent editor for the SCCARA-GRAM, since Shorty, AE6Z, is no longer available to serve in that capacity. Third, Allen mentioned that the club needs to decide whether or not we are going to put on a convention again this year. Allen asked for a show of hands to ascertain the general feelings about having a convention, concluding that we did, then mentioning that the need for volunteers to help Shorty.

Next, Pres. Levin called upon Bill Stevens, W6ZM, and Jim O'Keefe, WE6V, to lead a round-table discussion about the ins and outs of working DX in pile-ups. The raffle was held concurrently with this discussion.

The Treasurer's report was called for, and Dan Dietz, WM6M, reported January deposits of \$480, disbursements of \$664.73, and an ending balance of \$5,417.58.

Meeting was adjourned at 9:40 pm.

Respectfully submitted by  
Tom Server, KB6LUC, Secretary.

PACIFICON 88. Membera voted last month to support another convention. Shorty, AE6Z, is getting up a head of steam to get things rolling, so look for a call one of these days to help get it organized. Initially, mid-October looks good, because it doesn't seem to conflict with anything else. Start picking your spot, they're all up for grabs!

### CAREER OPPORTUNITIES

CLASSIFIED - HELP WANTED

EDITOR-PUBLISHER for SCCARA-GRAM.

A prestige position that will keep you off the streets. It consists of editing member contributions; developing/finding technical and amateur interest articles; filling in with your own contributions as needed to tell a complete story as to what is going on with SCCARA and its members; processing the whole into a photo-ready format, taking it to the printer, arranging for printing, picking it up, collating, folding, and stapling as necessary. Picking up and putting on address labels, bundling it for bulk mail, documenting and delivering it to Bulk Mail Facility, 1750 Lundy St., San Jose (East Side).

The position is vacant, and needs filling for an APRIL SCCARAGRAM, if the membership wants one.

Obviously, this is best done by one person, but can be divided into several functions to divide the work. The last several editors have taken through the printshop stage, with assistance for the final stages from WD6CHD, who can no longer perform this duty.

If you can see your way clear to doing all or any part of the work to be done please leave your name, call, phone number and what part you are interested in doing on our SCCARA HOTLINE message tape. You will be contacted pronto!

SCCARA owns a Commodore 64 Program called "The Newsroom".

## MARTHA DESCH

COMMUNITY COLUMNIST

# When this ham got the bug, she never quit talking



During the first 10 years of their marriage, Lou Weber frequently urged his wife Irma to become a ham by participating in his amateur radio hobby. She finally relented.

"I'd do this for a year to make him happy, so that he would quit bugging me," Weber recalled. "I've been talking ever since."

So, for the past 32 years Mrs. Weber has been traveling the world via radio waves.

She obtained her novice license in February 1955, and then passed her general license exam in April, skipping the in-between technician's license.

She was on the air one night when a surprised operator wondered if he was talking with the woman who once had declared she wouldn't come near a mike.

"I said, 'It is,'" Weber recalled with a hearty laugh.

"And from then on, I was on

more than he (her husband) was. I would get Lou off to work, Lynn (their son) off to school, and I'd get my housework done — and my house was spic and span. And, I'd be on the air forever. I had a ball." Mrs. Weber, who got her advanced class license along with her husband in 1967, has continued through the years talking to people all over the world from her radio station at home or from the rig in the car.

"Any place there's another ham, if conditions are good and correct and you have the correct equipment, you can talk to anybody any place. You can speak to Germans, you can speak to Russians, you can speak to Czechoslovakians, you can speak to Poles," Weber explained. "We used to run phone patches to Antarctica for the boys down there. That was their only communication home."

Language doesn't present a problem in talking to people from different countries.

Hams who communicate on CW (Morse Code) use Q signals,

which are letters which represent phrases and are internationally recognized.

"There's a whole list of Q signals. You say, QRX, and that means wait a minute. You say, QRV, and that means I'm ready," she explained.

Every Wednesday morning, Weber — using her call letters K6KCI — tunes in on her single sideband radio to "YL Open House," an international net for women hams.

"YL" in ham lingo means young lady and the operator is a woman ham. "I call that my club day, because like a woman would go to a woman's club meeting, that's my club meeting," Weber said.

There have been as many as 55 women on the YL net at one time. "You have a net control, who keeps it in order, so that everybody gets a turn (to talk)," Weber explained, noting that she has been net control "on and off for over 20 years."



Ham radio operator Irma Weber has made a world of friends.

### THE WORST QUAKE

The worst earthquake on record occurred on May 20, in the year 526, in Antioch, Syria. The magnitude is not available (this was long before Mr. Richter contrived his scale), but the disaster took the lives of 250,000 victims.

RPEA Newsletter

### ROBERT HALL ELECTRONICS

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CA 95116  
(408) 729 8200

10-5:30 MON-FRI., 10-5 SAT.  
K6DTX, 32 YEARS

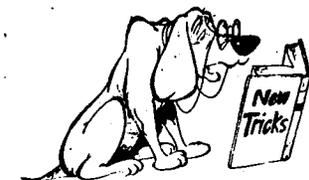
DAVID SHAVER  
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**SILENT KEY  
 IN MEMORY OF  
 Phil Vargas, N6IEC**

Did you ever wonder about what happens to those reports you radio in to CHP? Member Eric Homa, N6NMZ, has and read the following article in the 10/87 issue of "The California Highway Patrolman" under "Routine stops", and thought it interesting enough to get permission to re-print it.

**NORTH SACRAMENTO AREA**

**Portable meth lab uncovered during DUI stop**

When a citizen was passed at high speed on US 50 near Bradshaw Road, the CHP was advised via ham radio. The witness followed the suspect off the freeway and continued a lengthy and circuitous tail on the suspect keeping CHP advised of locations, all the while observing the subject's erratic driving.

At 10:50 pm a traffic stop was finally made near Watt Avenue and Auburn Blvd. During the time our witness was following the suspect, he was weaving across two lanes and failed to stop for a red signal light.

After the stop was made, Officer Chuck Phelps, I.D. 8673, observed two shotguns and a rifle on the right front seat. The subject was removed without a problem and given a field sobriety test, after which he was arrested for DUI.

Officer James Scherschligt, I.D. 9215, conducted a storage inventory, uncovering what turned out to be a large portable lab with chemicals and equipment for the manufacture of methamphetamine. The area's special Investigations Team was called to the scene after conferring with Sgt. Ron Stimson, I.D. 5875.

SIU Sgt. Fred Dowdle, I.D. 7305, with Officers Steve Walker, I.D. 8784, and Nick Beloberk, I.D. 7278, continued the investigation until the following morning when Drug Enforcement Administration officers took over and filed federal drug charges

continued

against the 35-year old suspect for attempt and conspiracy to manufacture methamphetamine. The CHP filed a complaint for 23152 V.C. (DUI), 14601.2 V.C. (driving with a suspended license) and 27315 (d)V.C. (not wearing a seat belt).

Another example of what the routine DUI traffic stop isn't-ROUTINE.

Submitted by Bob Carlson, I.D. 8690, Public Affairs Officer.

Thanks to California Highway Patrolman . . . . and Eric.

# NOTICE

**PRIZE HATS:** We are holding hats for N6PCR, W600Y, NA6F, KA6R, WB6YRS & KB6RZK. Pick 'em up next meeting!

1988 DUES are due Jan.1st. Those members not paying by the end of March shall cease to be members in good standing. So . . if you want your name in the April 1st Annual Roster, take heed. A payment form follows for your convenience.

**1988 SCCARA DUES PAYMENT COUPON**

REMITTANCE: \$            for  
 Individual \$15; Family \$20; Youth \$5

Name(s).....

Address.....

City.....Zip.....

Phone.....Call.....

Class.....ARRL?.....

yes or no

Make check out to SCCARA and mail to Dan Dietz, Treasurer, 6220 Hopi Circle, San Jose, CA 95123. If you include ARRL dues SCCARA gets \$2 return, or note #1802 on your check to ARRL

**End of page five**

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Club Repeater: 146.985 MHz in/146.385 out--447.425 MHz in/442.425 out,  
 simultaneously keyed open repeater (on PL). Net meets Monday nights  
 at 1930 PT, except on 2nd Monday. Call : W6UU

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TIME DATED BULLETIN