



# SCCARA-GRAM



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

## NEW-COMING EVENTS

MAY, 1988

SCCARA MONTHLY MEETING, May 9th, 7:30 pm at Agnew Developmental Center, featuring Mr. Kent Cullers, WA6TWX, talking about "EXTRA-TERRRESTIAL INTELLIGENCE". Kent, with a PhD from UC Berkeley, is very active professionally in the field of physics. He is currently employed at NASA. Moffett Field, and is involved in developing the algorithms which will search through the enormous amounts of data that are being collected in the electro-magnetic spectrum from the far reaches of the universe.

Last month we heard about "Lowfers". This month we will check out the other end of the spectrum and hear about "DX" that is really OUT OF THIS WORLD. Do you measure your DX by hundreds or thousands of miles? Our speaker measures his by light years!

SCCARA BOARD MEETING will again be a 6:00 pm Dinner Meeting, preceding the above at Tasman Street Cafe at N/E Corner of Tasman & Lawrence Expsrwy.

HAM-GEAR FLEAMARKET is scheduled for Saturday, May 14th at Foothill College. Action starts about 8:00 am, and tapers off about noon. No charge for buyers. VEC Tests at Noon in Electronic Museum.

VEC TESTS are also conducted on first and third Saturday Mornings at Tandem Computer. Get details by calling Hot Lines numbers listed on last sheet, along with directions for meeting place.

At the turn of the century, only 22% of all automobiles were powered by internal combustion engines, balance by 38% battery and 40% steam!

What's all the racket about packet, you wonder? Come and find out THE BASICS on Saturday, May 7th, from 10:00 am to noon.

Learn what you need, how to connect, what commands are useful, and how to move around a BBS. All this and more will be taught by Pat Kelly (KE6AD)!

The class will be held at the Sunnyvale Public Safety Building on 700 All America Way. If you are interested in attending or want more info, contact KE6AD by voice on 440.100 (or @ N7EQN if you are on packet) or contact N6MWD by voice on 146.115 or 145.27/224.36 (or @ N6IIU if you are on packet). Space is somewhat limited, so let us know ASAP!

Chief Bill Weaver of CDF will teach a day long class on the Incident Command System on Saturday, May 21st. As many of you know, the ICS is an organizational system used by most of the agencies served by ARES/RACES and is therefore a useful system for hams to be familiar with.

The class will run from 9:00 am to about 4:30 pm and will also be held at the Sunnyvale Public Safety Building on 700 All American Way. If you are interested in attending or would like more information, please contact Dick Rawson, N6CMJ by voice on 146.115+ or at 408/922-6545. You may also contact Sharon Moerner, N6MWD by voice on 146.115+ or 145.27/224.36. Both CMJ and MWD can also be reached @ N6IIU if you are on packet.

Hope to see you there!

# SECRETARY'S MINUTES

MINUTES OF THE SCCARA MEETING HELD AT AGNEWS DEVELOPMENTAL CENTER ON APRIL 11th, 1988

The meeting was called to order at 7:45 pm by President Allen Levin, N6NOY, who at that time thanked Wally KA6YMD. for his work on the antenna at the repeater site. N6NOY then called for self-introductions of the 46 members, visitors and guests in attendance.

N6NOY then introduced the guest speakers for the evening, Jim Ericson, KG6EK, and Herb Vanderbeek, WY6G. Jim and Herb gave a very interesting talk on "Lowfering", and set up a demonstration of "Lowfer" transmitting and receiving stations.

After the talk, Vice Pres. Bob Forster, N6PCQ, conducted the raffle. Prize winners were WD6CHD, N5OHK, K6VIP, KA6YMD, WA6QYS, N6HMO, WA6QYS again, WA6UBE, N6KLQ, WY6G, KB6MXH, N6PCR, WA6UBE again, N6PBQ and KB6KOQ

Immediately following the raffle, the Treasurer's Report was called for and Dan Dietz, WM6M, reported March deposits of \$ 347.00, disbursements of \$230.77, and an ending balance of \$ 5,742.64.

The Repeater Committee reported next that the Club has decided that we can upgrade the two-meter repeater without spending very much, if any, money on equipment. Also, another antenna has been installed temporarily, feed line connections cleaned up, which has greatly improved repeater performance..

After some discussion, a motion was made by Ed, WD6CHD, to hold a members only training session for the use of the emergency autodial system on the repeater. Motion was seconded by Tom KB6LUC. A vote was taken and the motion carried. (Look for such announcement shortly)

Ed, WD6CHD, reported that the SCCARAGRAM production team worked well together, helping greatly. Herb Himmelfarb, KB6ABG, will write a column titled "GOOD & WELFARE". He will be the staff member to contact for all personal items to be carried in SCCARAGRAM. (illnesses, upgrades, etc)

V.P. N6PCQ then reminded the membership about the new club information Hot Line (408/249-6909). It was also announced that Mike Hastings, KB6LCJ, will serve as Field Day Chairman this year. Dan, WM6M, announced that for the June Meeting we will see the video tape footage of last year's Field Day at Mt. Madonna.

Meeting was adjourned at 9:10 pm.

Respectfully submitted,  
Tom Server, KB6LUC,  
SCCARA Secretary.

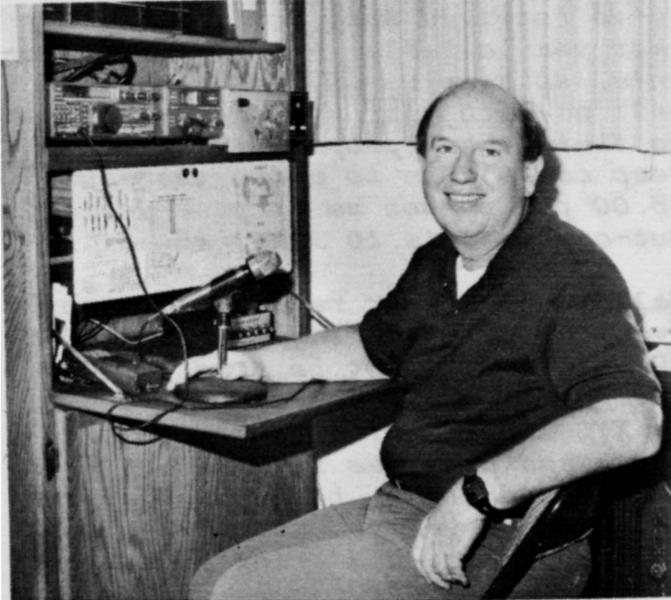


Herb Vanderbeek WY6G, above, & Jim Ericson, KG6EK, right, demonstrate "Lofering" at the April meet.



## GOOD & WELFARE

By Herb Himmelfarb, KB6ABG



MICHAEL J. HASTINGS - KB6LCJ

---where "J" stands for J pole. Mike feeds his 2-meter Kenwood TR-2600 A HT into any one of four J poles - two above different rooms, one on the RV and one for portable use. For low band J3E operating, Mike uses a Kenwood TS-430 with AT-250 auto tuner into a Butternut HF6V verticle antenna on his favorite 20 and 15-meter bands. A future project is to adapt the HF rig to his RV. Besides the bedroom station pictured above, Mike also regularly operates packet BBS with his HT, MFJ 1274 controller, PC and printer in the family room. A member of SVECS, he also likes to help out at bike races, Field Day organization, ERI, and the annual air show at Moffett Field. This year Mike will coordinate the special events station at Moffett using a Kenwood TS811 in Hangar 1 to remotely run an HF rig in the hamshack through a Shackmaster. A general class licensee, he has been a ham for almost three years. Mike also joined SCCARA three years ago, when he and XYL Joan, KB6LFZ, were students concurrently in our club novice class. Mike is employed by Control Data Corp. maintaining computer main frames. His pet peeve is hearing retired hams say they are busier than when they worked.

My XYL did not make "SICK BAY" last month. So I have taken the bull by the horns and am now the committee chair of "GOOD & WELFARE". A nicer title than sick bay, mainly because all news is not necessarily bad. Let me know at 408/226-2919, any evening, or call the Hot Line 408/249-6909 and leave your message.

You can also call for good news - births, engagements, weddings, tho' not necessarily in that order. We'll publicize the event, and offer sympathy as required, but no tea.

This month's news:

Barbara Monroe and Wally Britten, KA6YMD will be married 28 May.

Neal, N6QIO, and Renee, N6QVG, gave birth to Derek recently. Mom and Derek are doing fine.

## FIELD DAY '90 JUNE 25th, 26th.

Field Day is rapidly approaching. Last year was lots of fun and using our "club antenna" was a big boost. Let's make this year the best ever. The key element for a successful Field Day is you . . . .

I have already contacted a few of you to help coordinate the weekend. Thanks for "signing up". I do need help.

Here is a list of coordination areas:

Antennas Determine type and placement for the var-  
**continued**

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

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**FIELD DAY '88 - continued**

- ious antennas. Assures that the antennas, cabling, guying etc. is ready to go.
- Power Locate and set up the generator, batteries, charger and associated wiring.
- Food Plan and implement the Saturday evening and Sunday morning meal. (see next article)
- Logs Make up and control the logging during Field Day
- Housing Assure that "operating stations" are under cover. Locate trailers, RVs or tents and place them.
- CW Station Locate and set up the CW station. Assure that it is manned thruout Field Day.
- Phone Stat. Locate and set up the phone station. Assure that it, too, is manned thruout Field Day.
- Novice Stat. Locate and set up the Novice station. Assure that it is manned thruout Field Day.
- Bonus Points Educate the group as to what bonus points are. Determine how to best get them.

Please sign up where you think you can. If you have ideas, questions, etc., I can be found on packet (@ N6IUU-1) 2 meter (146.115+ and our own repeater. I can even be found at home at 408/243-6745. Thanks in advance . . . 73, Mike, KB6LCJ, Field Day Chairman

**FOOD FOR FIELD DAY by Herb Himmelfarb**

We've received many compliments for last year's meals. We love compliments, so keep us in love. Please call us with your meal reservations so that we may properly plan, and keep costs down to about the same \$5.00 per person as in past years. Cut-off date is 16 June, 88.

Call me with your reservations any evening, except Friday, at 408/226-2919. We will not be able to serve any who do not make reservations. My XYL says to offer baked chicken and baked potatoes in addition to a good sized steak, beans, and a great salad, whatever you specify. Thank you in advance and bring your appetite. Herb, KB6ABG.

**UPS 220 MHz GRAB?**

We haven't heard the final ruling from FCC on the petition from the Land Mobile business radio for allocation of the 220 to 222 MHz to them, and now United Parcel Service is petitioning for the same part of this band. According to W5YI Report, UPS is already moving ahead with creating a 220-222 MHz data radio network.

UPS believes they are a very special company with special priveleges. Evidently they are as they were allowed to file their petitions and comments more than 6 months late, long past the time when a petition would ordinarily be accepted.

UPS intends to use the band by using technology to provide up-to-the-minute "state-of-the-art" information on the delivery status of customer packages by using a terminal-board on every delivery vehicle.

They say that amateur radio operators "can easily use other spectrum to conduct the few functions for which they currently use 220-222 MHz". The amateur radio community which includes manufacturers and dealers of equipment, can also use another common carrier to handle all their shipments! Why help support a company with an attitude such as UPS has, toward the amateur radio community?

Thanks to Hangtown ARC Newsletter.

Thanks to : "The WA6GFY Newsletter"

### SVECS POWER CONNECTOR STANDARD

The type of connectors used by various amateur stations to connect to the power supply in use varies extensively from station to station, making it difficult if not impossible to interchange equipment between stations if necessary in an emergency situation. This is especially true in the case of mobile operations.

The suggested solution to this problem is as follows. All stations active in the ARES organization should have a common type of power connector that is used throughout their station or they should have an adaptor for whatever type of connector they use to a common type.

The following describes a connector suitable for use in various situations and environments, however it is NOT suitable for long term outside use as it is not weather proof.

#### CONNECTOR SPECS.

MANUFACTURER ----- MOLEX

TYPE ----- 2 pin, 0.093 in dia pins

CURRENT (MAX.) ----- 12 AMPS

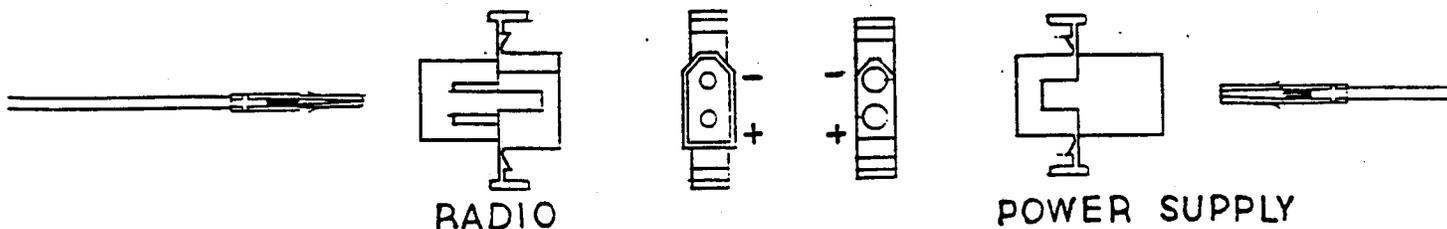
CONTACT RESISTANCE, VOLT DROP. --- 0.0025 OHMS, 2.5mV/AMP

SOURCES -- HALTED, QUEMENT --- waldom part no. 1545PRT (package 3 sets)

molex parts 03-09-2021 plug.  
03-09-1021 receptacle.  
03-09-1118 female pins  
03-09-2118 male pins

RADIO SHACK --- 274-0222 package 1 conn set

To insure that the polarization is the same from station to station the connectors should be wired as shown in the drawing below. The POSITIVE pin is on the FLAT side of the connector and the NEGATIVE is on the POINTED side. The source side of the connector (from the power supply, battery etc.) is to be the MALE housing and to have FEMALE pins installed. The radio side is to be the FEMALE housing and is to have MALE pins installed.



12

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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. Repeater Committee:  
 Wally Britten, KA6YMD, Keith Butts, KN6K, Ed Mangan, KB6DLB.

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SCCARA HOTLINE: (408) 249-6909      A.R.R.L. VEC HOTLINE: (408) 984-8353

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