

Ray

# SCCCORE

*Southern California Contest Club Operations, Results, and Enlightenments*

SEPTEMBER/OCTOBER EDITION

SKI'S PRESS

ISSUE 5 1989

## CQP Is Here Again, Are You Ready?

*Somewhere in Northern California (VP)*  
— Once again, the NCCC is sponsoring the famous CQP (California QSO Party). The following advertisement for the CQP was recently received. How would you like to win a bottle of wine just for operating in a radio contest?

The NCCC would like to invite you to participate in this year's CQP, to be held **October 7th and 8th, 1989.**

Recognized nationwide as the biggest and best of all the state QSO parties, the CQP features lots and lots of W6 activity from California's 58 counties. Many of us here in California are working hard to insure that this year's Party is the biggest one ever. We hope to have at least 200 full-time CA participants, and anticipate activity from all California counties.

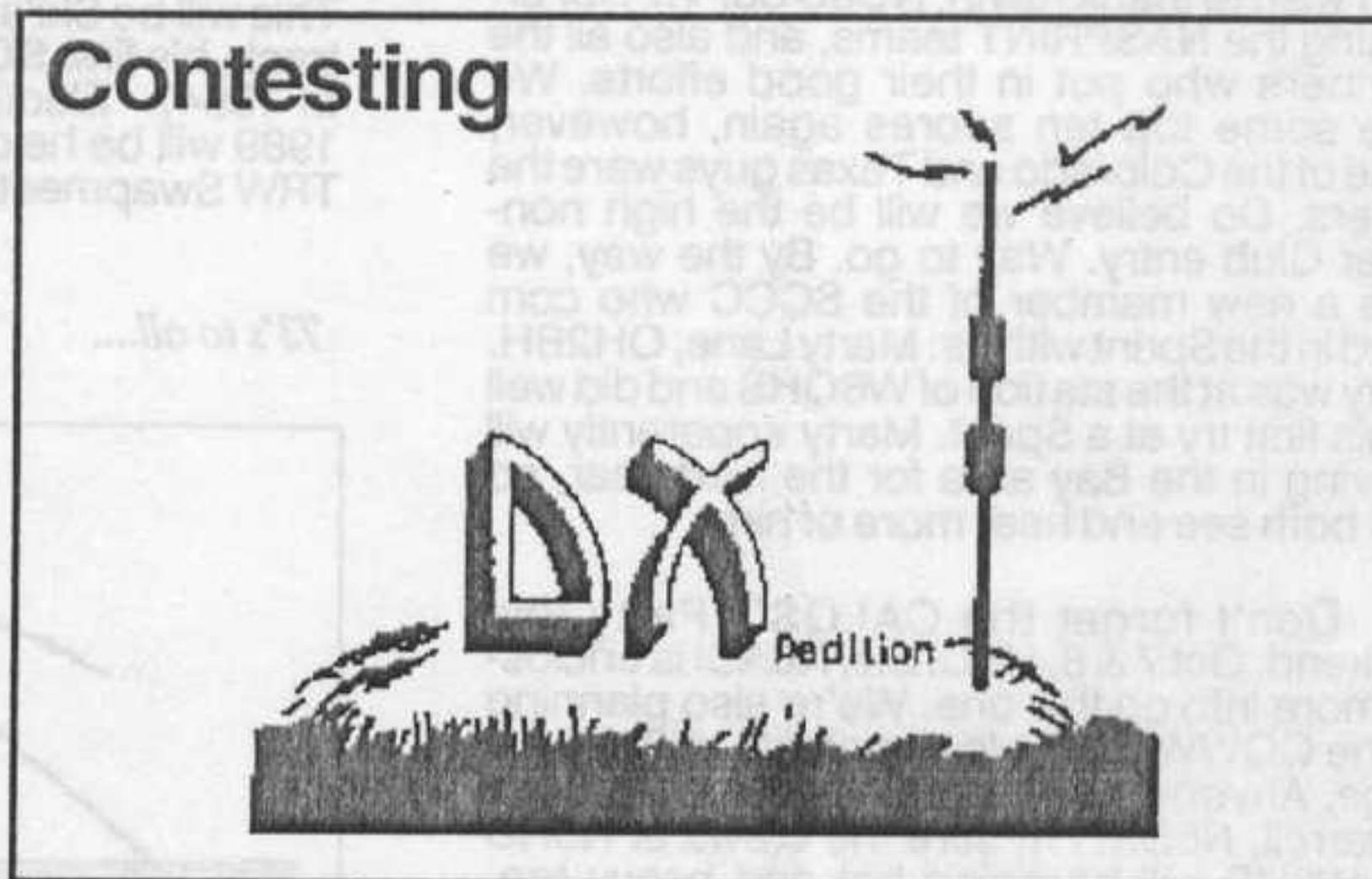
We'll be giving away a special prize for this year's CQP-- a personalized bottle of Northern California Contest Club Private Reserve California wine to the top 20 single operator entries outside of California, as well as to the top 20 single ops in state. We'll also have plenty of certificates and trophies for the top scorers, along with a participation diploma for any station that achieves 100 total QSO's in the contest. And, special trophies will be awarded to the top low power entrants (200 watts or less) in CA and out of state, as well as to the top Novice/Technician scorer both in and outside California.

We're also making a big push to maximize overall CW activity, so be sure to tune the CW subbands on the half hour.

Hope to hear you on in the "California Sweepstakes" on October 7th and 8th!!

Gary Caldwell *WA6VEF* and Niki Bloom *VE7NKI*  
(Chairpersons 1989 California QSO Party)

## Contesting



## Fall/Winter Contest Season is here – Again

**OJAI (SP)** — Its that time of the year again, Fall is upon us and the bands are holding promise of good DX and high rates in the Fall and Winter contests. There are a number of favorite contests that come around every year at this time and provide opportunities to better last years scores, work rare DX and check the modifications made to the station during the summer months. California QSO Party (CQP) is this weekend; CQWW DX (phone) is coming up in a couple of weeks; there's Sweepstakes and CQWW (CW) in November; and then there are the 10 meter and 160 meter contests of December. We all have our favorites and as contest club members will surely be firing up the station for one or more of these activities.

Hope we are all ready to flex our respective muscles and that all the improvements are working satisfactorily.

Computerized contesting is now here, with the onset of packet nets and efficient logging programs. Soon it will become man against machine, as N6TR's Field Day experiment has proved to be a viable solution to getting sleep during the contest period while your computerized station is still logging QSO's (unassisted). Let us know how you did in the contests and what station modifications made the difference for your stations improvement during the 1989 Fall/Winter contest season.

Above all have a ball this Fall!

### NEXT MEETING:

**Saturday 14 OCT 89 at noon**  
(SEE PAGE TWO FOR PARTICULARS)

**SCCC OFFICERS:** President, N6VR, Ray; Vice President, NC6U, Kevin; Secretary/Treasurer/Bulletin Editor, N6ADI, Ski. Dues are \$4.00 per year to: M. Brozowsky, PO BOX 62, Oak View, CA. 93022. Make checks to: M. Brozowsky.

## From the Prez:

Greetings, hope everyone is ready for the fall contest season and hopefully good band conditions will abound. 10m and 15m have been open to some good areas but only occasionally, another month will tell.

I wish to thank Kevin, NC6U our V.P. for arranging the NASPRINT teams, and also all the members who put in their good efforts. We have some top ten scores again, however, some of the Colorado and Texas guys were the leaders. Do believe we will be the high non-paper Club entry. Way to go. By the way, we have a new member of the SCCC who competed in the Sprint with us: Marty Lane, OH2BH. Marty was at the station of W6QHS and did well for his first try at a Sprint. Marty apparently will be living in the Bay area for the next year, so we'll both see and hear more of him.

Don't forget the CALQSO Party this weekend, Oct 7 & 8, UTC. Ski, N6ADI is enclosing more info on this one. We're also planning for the CQWW phone/cw contests at Rainbow Ridge. Anyone interested in operating call me or Darrell, N6DX. I'm sure the crews at N6ND and W6UE will be going hot and heavy too. There are plenty of stations and multi/multi efforts going on, so if you don't have your own station, get involved in a M/M. Don't forget to credit the SCCC for a club entry. As usual, some of our renown world DX-peditioners will be out again at their DX favorite DX locations. Hope you all do well!

At our past meeting I presented the members with a choice of Club badge designs. Seems only the color was decided - red with yellow lettering. Mark, WA6OTU is supplying several designs/logos for a slightly larger badge. I hope to have several samples for the members to chose from at the next meeting.

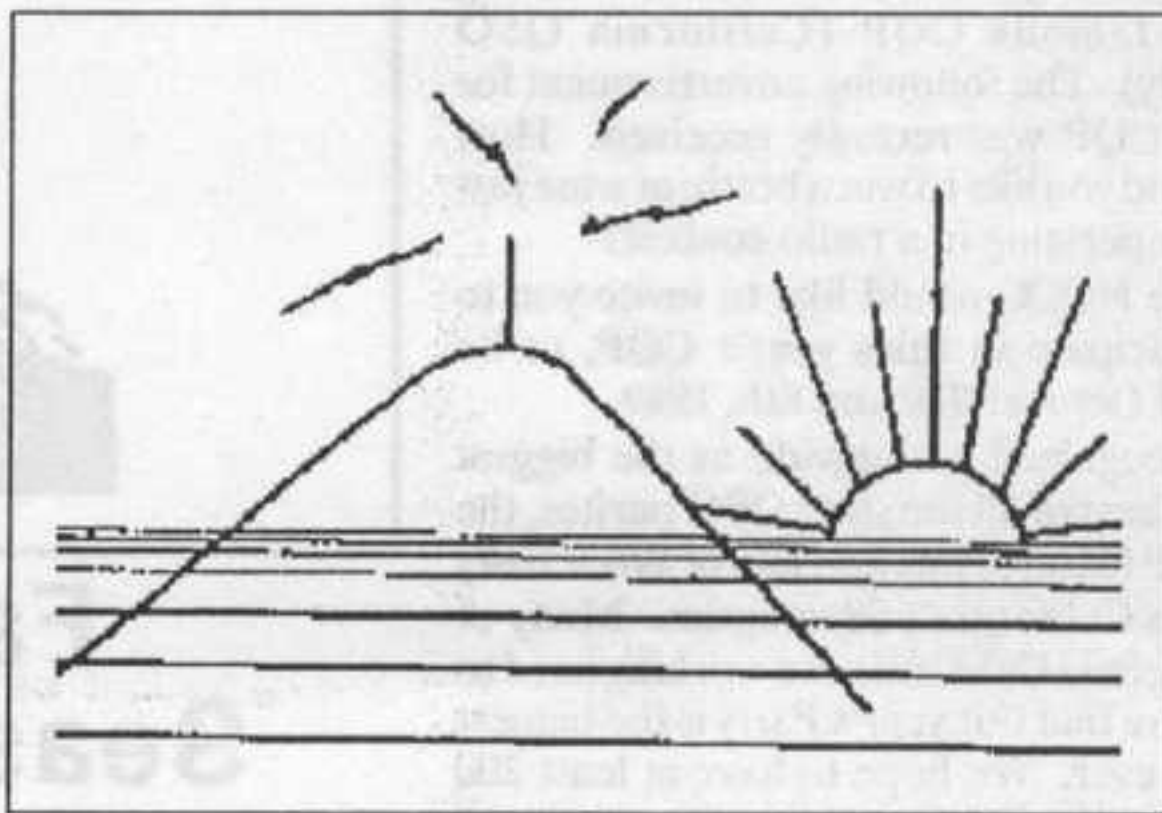
Speaking of meetings, the next, and last BBQ meeting of the year will be at the QTH of Jim Neiger, N6TJ. It will start at noon, Saturday, Oct. 14. Bring your own meat, drinks and snacks. Directions and other info are elsewhere in the SCORE.

The Southern Calif. DX Packet Cluster nodes are all up and operational with several new frequencies, digipeaters, etc. A new frequency of 144.915 is now operational at W6PQS, with 145.68 still covering the LA and Orange areas. The San Fernando Valley and North is on 145.66. I hope to have a node up for the Oxnard/Ventura/Santa Barbara areas by the 1st of October. It along with the WA6IET node in Santa Maria it will also be on 144.915.

Finally, members of the Board may be approaching you in the near future asking if you would like to run for an elected office of the SCCC. Positions to fill are: President, Vice President and two Board members. If you would like to participate, don't wait to be asked. Let me, Kevin or Ski know. Ski, N6ADI has agreed to assume the Sec/Tres/Editor position unless you have a burning desire to take it over. This will be Ski's third or fourth term (we've lost track, his first **SCCCORE** bulletin was January of 1984). Elections and our final meeting of 1989 will be held at Luigi's restaurant after the TRW Swapmeet on Saturday, December 30th.

73's to all....

Ray, N6VR



## NEXT SCCC MEETING

This will be the last BBQ meeting of the year. Remember to bring your own meat, drinks and something to share. The place is Jim Neiger's, N6TJ. The time is HIGH NOON! Talk in on the DX repeater or the output of the DX repeater.

From LA go east on 91 Freeway to the Anaheim Hills area. Take the Imperial Hwy (90) east (right). Go to the first light (Santa Ana Cyn Rd.) and turn left. Go 1 mile, just past third light (Fairmont), turn onto first right (Mohler Dr.). Go to stop sign (.25 mi.) and continue straight, don't turn. This street becomes Del Giorgio. Take first left onto Mill Stream Circle.

Jim's address is 7451 East Mill Stream Circle and his telephone number is (714) 637-1789.

**\*\*\* RELOCATED \*\*\***

**BE RADIO ACTIVE !!**

## Northern Reaches

### All Asian Effort

(by Tree, N6TR) Dateline - Aloha, Ore >--

Greetings from the northern reaches of SCCC country. We are still waiting for summer to come up here, but I guess we will miss out on those hot August days this year. By the time you read this, the leaves will be turning colors and I'll be spending more time on 160.

The N6TR/7 station for the last year has been located at a rental house. However, the house is on a half acre lot and the landlord has allowed me to put up an "antenna" in the backyard. Her father was a ham, but he probably didn't have an antennae like this one. I have a 65 foot tower up with an interlaced 3 element 40 and 5 element 20, a sidemounted tribander at 35 feet, and inverted vees for 160 and 80. It is a good thing the landlord lives 4 hours away!! With the exception of doing the CW sweepstakes from W7NI, all of my activity during the recent contests has been from home.

The last club bulletin had a plea for an all band effort in the All Asian. I have been looking for a contest to sink my teeth into this dummer and since a business trip messed me up for the Radiosport, the All Asian looked attractive. This contest effort was conceived less than a week before the contest started. I think I saw the club bulletin on Saturday and decided the next day to go for it. This should put a smile on the editor's face. Their print really did promote activity.

Just a few days before this decision, I had been talking to Stan, W7NI about the K1EA logging program he was playing with. He had it hooked up to Doctor DX, which in itself is an interesting concept. I have never taken the time to use the program. Part of my reason is that I have been telling people that a computer would just slow you down, and the other part is the NIH principle (not invented here). Within milliseconds of deciding to do the All Asian, I decided to challenge myself to make a computer logging system work the best I could in time for the contest.

It may seem silly to develop something that K1EA has done an excellent job doing (or so I am told by most everyone who has used his program). Aside from the fact I enjoy writing these types of programs and using them, I decided that

it would be impossible to use someone else's program without changing my operating technique. Also, I felt a program developed for a specific contest would be better than a general one. Finally, I decided I would do my own program without learning the K1EA program so I would not be influenced by it. This allowed me to generate a program in a "perfect vacuum" (like the one between my ears). Besides, it wouldn't take long to develop the program, the contest was only 5 days away!

If I didn't have a good library of software routines laying around from the Field Day Operator and other secret programs, I wouldn't of had a chance of finishing the logger in time. As it turned out, I finished the program at 10 PM on Thursday night. That left me enough time to move the computer over to the radio table and see if I had any RF problems. I was a bit worried as just the week before, I hung the computer when transmitting on 20 meters while Nancy (my better half) was using it. I had since moved an 80 meter antenna which I hoped might fix the problem. I got lucky and could run full power without affecting the computer. I could hear some birdies on 15 and 10, but they were not objectionable.

I found that my keyboard could sit under the front two feet of my R4-C. I could type characters and reach up with my fingers to tune the receiver without moving my arms.

My software runs in a multiprocessor environment. I am using a XT clone and a Z80 microcomputer. The two are linked with a 9600 baud serial port. The same hardware was used in Field Day to operate the contest under complete computer control (no human interactions during the contest).

To understand how the multiprocessor architecture works, imagine I have just called CQ and someone answers me. I would type the callsign and hit return. The PC will immediately tell the Z80 to send the callsign of the station. It takes about 20 milliseconds for it to send this information to the Z80. During the time the Z80 is sending the callsign (in the order of 1 or 2 seconds), the PC has eons of time to get the exchange ready. Depending if the call is a dupe or not, the PC will tell the Z80 to send the exchange or a message saying worked before.

After I have received the exchange

from the station, the PC will have the Z80 send my QSL message. While this message is being sent, the PC will update the disk files with the new contact and log the contact on the printer. By the time the QSL message is completed by the Z80, the PC is ready for me to input another callsign.

The computer logger worked very well for me during the contest. It was very enjoyable not to have a bunch of papers cluttering the operating table. Other than using little post-its for notes, the only writing I did during the contest was making a list of improvements to make to the program (I came up with about 30 of them) and to log the occasional station who called me that was not in Asia. I feel the computer logger lowered the fatigue factor enough to let me operate more of the contest. I put in a good 43 hours after being at work on Friday. The first hour of the contest yielded 80 contacts and I do not feel the computer kept me from having more. I ended up with 1059 contacts with 277 multipliers for a final score of 307K. Hopefully that will be enough to grab the top single op, multiband spot for the SCCC.

Nancy and I are busy looking for a new QTH of our own. We hope to find one soon. Until then, I will be on for the sprint from home, so the CQP from K6NA and the SS from W7NI. Hopefully I will be moved into a new place in time for CQWW CW and the ARRL 160, although I may not have much up in the air.

By this time next year, I hope to have all the hardware I have accumulated up in the air. Most of the K7NHV station has been moved to Oregon. There is enough hardware laying around here for 3 towers and at least 2 beams on each band from 40 to 10.

See you all in Visalia!! Tree

### SCCCORE INPUTS

If you have operated a contest want to share your story or scores; if you have items for SALE or TRADE, if you have a computer program, if you have technical information, if you have operating secrets that produce results or any other information to share with fellow contesters; the SCCCORE bulletin is your free forum to do this. Send articles written or in ASCII format to Box 62, Oak View, CA. 93022.

SCCC CW SPRINT RESULTS, TEAM 1

CALL	CLAIMED SEP 89	OPERATOR /STATION
N6TR/7	15870	
K6LL/7	15827	
N6ND	14455	K6STI
K6NA	13770	
N6ZZ	13254	
N6AA	13185	
N6TJ	12800	
W6YA	11952	
N6VR	11250	
W6QHS	7420	OH2BH
=====		
Total:	129783	

SCCC CW SPRINT RESULTS, TEAM 2

CALL	CLAIMED SEP 89	OPERATOR /STATION
NC6U	9786	
W7CB/6	9090	
W6UQF	8987	
N6CQ/3	8229	
KVOI	7106	
K6VNX	6806	
KB6RXF	6549	
WE7G	????	
W6SX	????	
XE2/K9VV	????	K9VV
=====		
Total:	56553	

SCCC CW SPRINT RESULTS, TEAM 3

CALL	CLAIMED SEP 89	OPERATOR /STATION
K6JYO	4587	
W6OUL	????	
=====		
Total:	4587	

SCCC CW SPRINT STANDINGS AS OF Sep 26, 1989

CALL	AVERAGE	CLAIMED SEP 89	OPERATOR TEAM# /STATION	FEB 89	OPERATOR TEAM# /STATION	SEP 88	OPERATOR TEAM# /STATION	FEB 88	OPERATOR TEAM# /STATION	SEP 87	OPERATOR TEAM# /STATION
K6LL/7	14424	15827	1	13020							
N6TR/7	13850	15870	1	13552		13728		12978		13120	
K6NA	12713	13770	1	12259		13254		12520		11760	
N6ND	12538	14455	1	11808	K6STI	11352		K6JYO			
N6ZZ	11678	13254	1	11567		12558		11316		9694	
W6AQ	11631	-----		10906	WA6OTU	12232		WA6OTU	12306	11080	WA6OTU
N6TJ	11620	12800	1	-----		10680		W7EJ	12390	10608	
W6UE	11560	-----		-----		-----		11560		AA6RX	
N6CW	11340	-----		-----		11340		-----		-----	
W6YA	11286	11952	1	11592		10406		-----		11193	
N6AA	10237	13185	1	3864	N2AA/2	10569		N6AA/7	11726	11840	
N6VR	10207	11250	1	11430		10062		7585		10707	
N16W	9878	-----		10101		10922		N6ND	9361	9126	W6KUT
W6SX	9462	????	2	-----		-----		-----		9462	W6KUT
K26E	8510	-----		-----		-----		8510		-----	
NE6I	8499	-----		2030		11094		11398		9472	
NC6U	8474	9786	2	-----		7236		8288		8584	
W7CB/6	8174	9090	2	-----		7480		7527		8600	
N6ND	7676	-----		-----		-----		-----		7676	
XE2/K9VV	7614	????	2	K9VV		-----		9120		6107	XE1FUX/2
AC6T	7589	-----		-----		7800		-----		7378	
W6UQF	7522	8987	2	8968		9675		2072		7910	
W6QHS	7420	7420	1	OH2BH		-----		-----		-----	
W6NV	6615	-----		-----		-----		-----		6615	
K6VNX	6435	6806	2	-----		-----		6688		5810	
N6CQ/3	6141	8229	2	7980		7942		1078		5474	
KD7EY	5880	-----		-----		5670		WA6WZO	6090	-----	
KVOI	5667	7106	2	6600		4900		-----		4060	
N6MM	5495	-----		-----		-----		5495		-----	
WE7G	5449	????	2	5495		5402		-----		-----	
KB6RXF	5357	6549	2	5544		3978		-----		-----	
WK6V	5146	-----		-----		-----		-----		5146	
W6OUL	5093	????	3	-----		-----		4551		5635	
N6VI	5070	-----		-----		-----		-----		5070	
N6NI	5022	-----		-----		-----		-----		5022	
N6MA	4630	-----		-----		-----		620		8640	
K6JYO	4587	4587	3	-----		-----		-----		-----	
K5KT/6	2300	-----		-----		-----		2300		-----	
W6HAL	1873	-----		448		-----		2970		2200	
W2KVA/6	1587	-----		-----		-----		-----		1587	
K7NHV	896	-----		-----		-----		896		-----	
AA6CR	286	-----		-----		-----		-----		286	

## Items Wanted or For Sale or Trade

**Wanted:** 440 omni and directional antennae: Ski, N6ADI (805) 649-3339.

**For Sale or Trade:** SB-220 Heathkit 1KW amp w/extra set of tubes \$500.00 or trade for amp with solid state switching to work full QSK with TS-830/930 rig. Ski, N6ADI, (805) 649-3339.

**For Sale:** TA-33 Tri-band beam \$75.00. Ray, N6VR, (805) 649-9696.

**Wanted:** Urgently needed for Ventura/Santa Barbara Area Packet Cluster: 440 radio, 440 amp, 2 meter amp, 2 meter gain verticle antennae.. Call Ray, N6VR, (805) 649-9696.

## ELECTIONS AND NEEDS

Openings exist for **President; Vice President** and **two Board members**. Volunteer or volunteer someone you think would do a good job.

**Presidential duties** are : Chair the six yearly meetings; set up a program or meeting agenda; write Prez says for the bulletin 6 times a year; provide leadership to the club.

**Vice Presidential duties** are: Assist the President; coordinate club activities and contests as identified by the President and club membership; act as President in his absence.

**Board members duties** are: Provide guidance and consultation to the club officers as required. (Hasn't been required much in the past) (Easy job!)

The club **NEEDS** more planned operating activities. This is the primary **CHALLENGE** for any new crew of officers. Motivation of the members to get excited enough to participate in expanded club operating activities and functions. Meeting this challenge will depend on your ability to excite and motivate people and will depend on the people you are trying to excite and motivate.

Don't be **BASHFUL!** These terms are two years and go by real fast (just ask N6VR, WA6OTU or NE6I)...

## PLEASE NOTE RELOCATED MEETING

The SCCC meeting has been relocated to the house of N6AA due to the fact that Jim, N6TJ, had to suddenly travel to ZD8 or ZD9 land. (I'm not sure which!)

To get to Dick Norton's place, N6AA, Get on the Ventura Frwy and get off at Topanga Cyn Blvd. and go toward the beach for about 6 miles. You will come to a sign saying "Pedistrian Crossing" and after the sign turn right on Hillside Drive. If you are coming from the Beach; take PCH to Topanga Cyn Blvd. and go inland about 6 miles and turn left on Hillside Drive. Once on Hillside Drive bear to the right at the fork in the road. After the first fork go to the top of the Hill and park near the second fork and look for signs directing you to his house.

Dick's home phone numbers is (213) 455-1138 and his address is 21290 W. Hillside, Topanga.

If you should have any trouble bring your two meter radio and the DX repeater output will get you a talk-in. As stated on page two of the bulletin. This will be our last BBQ meeting of the year. Bring meat, drink and something to share.

## Ventura Santa Barbara Area Packet Cluster

After six months of attempting to get support, Ray, N6VR, has taken it upon himself to try and link Southern California DX packet networks as far north as the Santa Barbara area. Ray has managed to beg and borrow an IBM XT clone, a 20MB harddrive, a 440 radio and he has purchased a number of items to augment the borrowed equipment. Ray, has finally accrued enough equipment to barely get a packet cluster together. As of October 1st, he is waiting for a disk controller card for the computer and then should have the cluster up and running.

Ray's ultimate goal was to have the cluster on-line by October 1st. Look for the cluster to be on-line by 9 October or maybe before. Hopefully, once the cluster is up and running, he will get some support to replace the borrowed equipment.

The Ventura/Santa Barbara Packet Cluster needs 440 radio, 440 amp, 2 meter amp and the other items listed in the Want Ads column above. If you can help Ray in any way Please give him a call.

Once the cluster has been on-line for a while, Ray will be reporting on activity and success. It is felt that once the cluster becomes available in the Ventura/Oxnard/Santa Barbara area that users will come forward to provide financial and equipment aid to Ray. This will allow the system to be upgraded and maintained.

This additional cluster will make DX packet available from San Diego to Goleta through the various clusters. Before the addition of this cluster, DX packet coverage was available from San Diego to West Lake Village and could only be accessed during good conditions from the Ventura County Area.

**SCCC MEETING:  
OCTOBER 14TH  
N6AA's PLACE !**



**(See Page 2 and Page 5 for Details!)**

**In This Issue of SCCCORE You Will Find:**

- \*\*Prez Says**
- \*\*North Counties Packet Update**
- \*\*Sprints Scores and SCCC Sprint History**
- \*\*The Latest Updated SCCC Roster (Pull Out)**
- \*\*Want Ads**
- \*\*Election Announcement**
- \*\*N6TR All Asian Effort Account**
- \*\*Plus More**

**SCCCORE  
BOX 62  
OAK VIEW, CA. 93022**

**Check Your Label for Expiration !  
Renew Promptly !**

**Ventura Santa Barbara Area  
Packet Cluster**

After a year of planning to get support, Ray, N6VR, has been successful in getting the Ventura County Packet Cluster up and running. The cluster is now operational and is providing a service to the area. The cluster is a group of stations that are licensed in the area and are providing a service to the area. The cluster is a group of stations that are licensed in the area and are providing a service to the area. The cluster is a group of stations that are licensed in the area and are providing a service to the area.