

# SCCCORE

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

March/April 1988

SCCC, Box 62, Oak View, Ca. 93022

## SPRINTS

A special thanks to N6TR for helping to organize the club into teams and for mailing out all the announcements to everyone. I didn't hear alot of you on in the phone sprint but we had good participation in the CW sprint. Thanks to all that fired up and had some fun!

## WELCOME

Welcome to our new staff of Officers for 1988-89. Your task is a challenge, but should be fun! Getting everyone motivated is the biggest chore that you face. GOOD LUCK and above all remember "It's only a Hobby". To some of us any-way.

## SORASD

It's official, from ARRL HQ, that SORASD will count for a country.

## HELP NEEDED NOW!

LAST YEAR I WAS ABLE TO GET A FOOT IN THE DOOR WITH THE NCJ (NATIONAL CONTEST JOURNAL), GAINING A REGULAR WEST COAST CONTESTING COLUMN AND I AM HAVING MAJOR PROBLEMS IN GETTING MATERIAL FOR THIS COLUMN. I NEED INPUTS INCLUDING: STATION DESCRIPTIONS; HINTS AND KINKS ON CONTESTING AND ANYTHING ELSE THAT MIGHT BE WORTH PUBLISHING. IF I DON'T START GETTING SOME MATERIAL FROM YOU THE COMUMN IS HISTORY.

## WHAT'S NEW

**IN THIS ISSUE OF  
SCCCORE YOU WILL  
FIND:**

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**AN ARTICLE ON  
COMPUTER  
ASSISTED  
CONTESTING**

--

**SPRINT AND ARRL  
SCORES**

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**PREZ SAYS**

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**MEETING  
DX CONVENTION  
(FREE BEER)  
PROVIDED BY:**

**NCCC**

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**GENERATOR  
UPDATE**

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**WHAT'S UP ON  
RAINBOW RIDGE**

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**CONTEST PLANS**

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SCCCORE IS PUBLISHED BI-MONTHLY BY THE  
SOUTHERN CALIFORNIA CONTEST CLUB

CLUB OFFICERS ARE:

N6VR-PRESIDENT NC6U-VICE PRESIDENT  
SECRETARY/TREASURER/BULLETIN EDITOR  
N6AD

SGT. AT ARMS - N6TJ

BOARD MEMBERS:

NE6I, N6ZZ, N6W & WA60TU

CLUB DUES ARE CURRENTLY \$3.50 per yr.

PAYABLE TO: M.B. BROZOWSKY

PO BOX 62

OAK VIEW, CALIF. 93022

## NEXT MEETING

The next meeting will be held in conjunction with the DX Convention at Visalia, CA. It will begin promptly at 7:30 pm by the Spa in the main lobby of the hotel. Beer will be provided by the NCCC. This beer drinking meeting has become an annual affair. The topics for the meeting will be:

- \* Contest Activities
- \* Summer Events
- \* CQWW Mexico 1988
- \* Rainbow WPX CW
- \* Field Day 1988
- \* All Asian CW and Phone
- \* OPEN DISCUSSION

## MEXICO?

The latest issues of CQ, QST and W5YI report covered the recent conference between ARRL and Liga Mexicana de Radio Experimentadores (LMRE). The topic of major concern to us was reciprocal licensing and as it stands the agreement will not include anything like we have with Canada. The W5YI report states: "Mexico does not want to open the door to hordes of contesters." So it looks like our problems will continue when operating from Mexico. As it stands now, for every US operator, there must be a Mexican operator sponsor with him. The rules changes daily so you can't count on anything!

# THE PRESIDENT SAYS

Greetings. I wish to thank the member of the SCCC for electing me President. I think to myself; boy, two years seems like a long time. I hope I can help in advancing the Club to bigger and better things, if the members so desire. I do not feel I alone can do this, nor do I think I should enforce my views as the Clubs goals. I need help. So, with the aid of our new V.P.- Kevin, NC6U and the boardmembers, I hope that we can find a balanced direction for the Club. We are here to do what the Club members want to do. Please either call or write Kevin or I and let us know what you feel the Clubs events/activities should be.

I would like to thank Mark, WA6OTU, for his time and efforts as our past President. I feel that I am going to have a lot of work ahead of me to match his achievements performed for the Club. Since having been past V.P., I am certainly aware of the Clubs obvious desires: eat piaaz, drink beer and have Fun! And I do realize the the "Club" itself doesn't sponsor but two annual events (CW Sprint and an almost annual expedition to XE2). I have found, however, that the "members" of the Club do involve themselves in many activities and usually drag the SCCC name with them. In this way the SCCC really gets its recognition. It is in the individual and small team efforts that we do so well. If the Club as a whole doesn't get involved in a major effort, you can be assured that there are members who are! I wish to thank N6ND, N6TJ, N6AA, N6DX, K6GXO, NI6W, N6VI, N6TR, WA6OTU, AA6RX, N6ADI and others that I have missed, for your efforts that have represented the SCCC so well in the past!

Whew, that's over with, guess every new President gets carried away at times .....

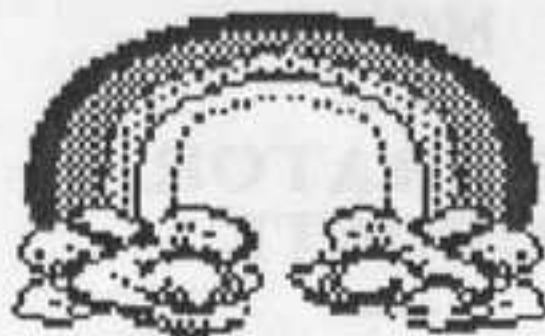
As mentioned elsewhere in the SCCCORE, the next meeting will be held at Visalia on Friday evening, the 22nd of April, at about 7:30PM. The location will be by the SPA inside the Main lobby area of the hotel. The meeting will be relatively short, however, there are several topics that need to be discussed.

73's to everyone, see you at Visalia. This is our "West Coast Dayton", you don't want to miss it!

*Ray, N6VR*



YOU'VE HAD YOUR REST !



AT 'RAINBOW RIDGE' !



JOIN THE BEST !

## RAINBOW RIDGE UPDATE!

N6DX, AD6C, NJ6X, NM5M and N6VR are meeting about monthly on the hilltop to plan and work on bringing the location up to competition. There is a long way to go, alot to do, but with the sunspots comming along, we will be ready. The next work party will be on Saturday, April 9th. If you are interested in operating a very competitive station, please come out and help, the antennas don't go up by themselves ! For the CQ WW WPX CW in May, we plan to put on at least a multi-single effort. If we have the operators, and the antennas are all up, we'll go for a full multi-multi effort. Again, anyone can come along. If you haven't been up on the hilltop for awhile, don't try it without instructions, Ray, N6VR will be glad to send them to you or call him at (805) 649-9696....

# CONTEST ADVISORY COMMITTEE NEWS

by Marty Woll, N6VI

Now that the dust has settled from the ARRL DX Contests, I'd like to update you on a few Contest Advisory Committee (CAC) matters. To begin with, I was recently appointed Chairman of the CAC. I will try to use this position to get timely resolutions of the various matters which you and other hams bring up for discussion.

WA6WZO sent me two items; the first affects those of you planning to operate in Mexico. While guest operation by foreign amateurs is permitted, EACH guest operator needs an XE licensee present. This means that, for example, if six U.S. hams go south of the border for a multi-multi effort they will need six Mexican amateurs with them. (This is Bull Poop, if you ask me! ed.) I understand that it is again possible for non-residents to get Mexican licenses which must be renewed every six months. (Provided you have a six month visa, go through the licensing hassels and are willing to do it over and over again every six months, ed.) This change, we hear, stems from bad feelings among many Mexican hams over guest-op "invasions". Morale: always cooperate with the locals and show courtesy and appreciation for their assistance.

The other item comes from a W6 who had his AMTOR QSO's wiped out repeatedly during the ARRL DX CW weekend. He asks that CW op's on 20 meters remain below 4.070 Mhz. This seems to be a reasonable request, considering a) RTTY, AMTOR and other digital modes generally stay above that frequency by gentlemen's agreement, to our benefit, and b) many of us don't hear or recognize such modes what with our sharp filters and all, so we are likely to cause interference without even realizing it.

I'm waiting for the outcome of a recent CAC ballot which addressed several topics, and I will fill you in on the results in my next report. See you in Visalia! 73, Marty, N6VI

## GENERATOR

The only thing left to do on the generator is the control panel and distribution center. We will ask for donations one more time at

the DX convention and then that should do it. Thanks to those of you that have contributed on this project. The unit should be road ready by sometime in May and Ski will have pictures of it at the DX convention. Donations have hit \$225. and costs are right at \$485. All the material to finish is on-hand except a weatherproof distribution box and Ski is scrounging one, he hopes! (or will buy one for \$30.) The trailer lighting plug is a standard configuration and the 220 v receptacle will be a hubbell twist lock. Currently the generator is going to be used from a remote county during Cal QSO Party. Details later..

## SCORES

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### CQWW DX PHONE

P40V- 15736 QSO'S 160Zx587C= 34,556,967  
PJ1B - 15265 QSO'S 170Zx634C= 36,229,044  
HC8DX-15618 QSO'S 167Zx570C= 33,933,691

### CQWW DX CW

XE1FUX (K9VV) 500K 40 MTR SINGLE-OP  
K5KT 95K 40 MTR SINGLE-OP  
KP2A MULTI 5M  
5B4TI (N6ZZ) 3951Q 126Zx387C= 5,819,985

### ARRL DX

CW-N6ADI 40MTR SINGLE 591Qx76C=135 K  
PH- NE6I AB SINGLE 159Qx98= 46.8K  
CW-N6ND MS 2300Qx361C= 2.4M

### CQWW WPX

NE6I- 154Qx121= 49,610 23 HOURS

### FEB CW SPRINT

N6ZZ 278x40 W6UE 289x40 (AA6RX)  
N6AA 287x41 KZ6E 234x37 W6HAL 100x30  
NC6U 237x38 N6VR 208x37 N6TJ 308x42  
N6ND 318x42 (N6TR) NE6I 282x40  
NI6W 263x38 W7CB/6 206x33  
N6RO 319x41 (WA6VEF) K6NA 314x40  
N6IG 288x45 W6AQ 293x? (WA60TU)  
N6BT 298x44 N2IC 345x44 K3LR 317x43  
K6LL/7 318x42 K5ZD 311x40 N4ZZ 306x?  
WN4KKN 292x45 K7SS 310x40  
W7WA 294x36 K5LZO 310x40 K5RX 322x41  
W9UP 122x33 K5GN 300x44 K4VX 299x40  
N4RJ 294x44 NL7GP 129x43  
W6OUL 125x37

### LAST MEETING:

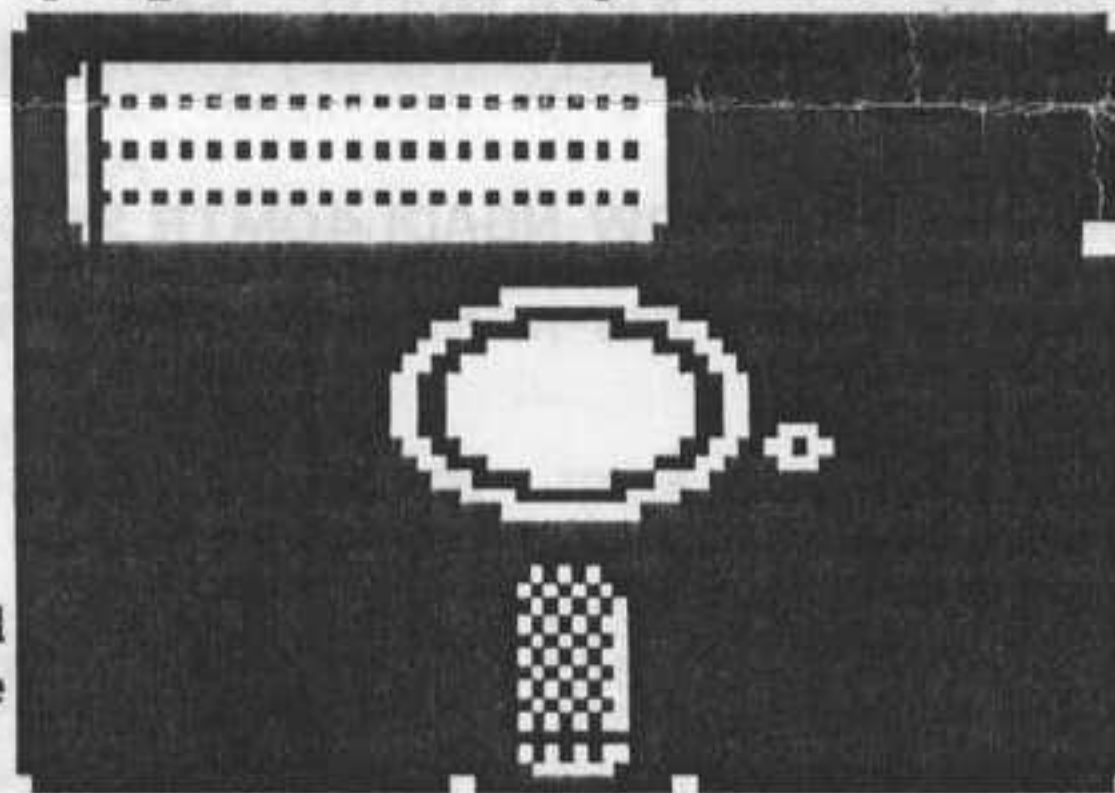
A SPECIAL THANKS TO MARTY N6VI AND CLARA, FOR HOSTING THE JANUARY ELECTION MEETING! THE FOLLOWING MEMBERS WERE IN ATTENDANCE: N6DLU, WA60TU & YL, N6IC, N6TR, N6MB, W6HAL, KA6SAR, NI6W, N6ZZ, K9VV, KG6AR, AA6RX, N6AA, N6VR, K5KT, N6LL, N3CFX AND N6MM. A GREAT TIME WAS HAD BY ALL !!!!

# COMPUTER ASSISTED CONTESTING by Ski Brozowsky N6ADI

The "KT5X Logger" software package offers some real beneficial features not found in previously reviewed software packages for the IBM compatible machines. To effectively use the program your hardware should consist of an IBM-PC, AT or compatible, color-graphics video adapter or emulation and at least 128K memory, more is better, and two drives or a hard disk (hard disk, better!) The program was used on an AT compatible, 640K memory, EGA card, color monitor and 20 meg hard drive. The program was written by Frederick Maas, KT5X, when he was saddled with some of the same problems that we all face when trying to use computers for real time logging during contests; too many key strokes for data entry, too slow dupe status response, limitations on log size, having to keep penciled notes along side of logging to correct entry errors at a later date, confusion memorizing key functions in the heat of the battle and other related problems. All of these problems were considered while writing and modifying the KT5X program, which represents over 1500 hours of programming and modifications to the program.

Fred states, "too many keystrokes were eliminated by lumping all exchange data into one line entry and allowing the computer to analyze that entry to understand what was what. The slow duping status response, originally encountered, was defeated by placing a separate duping file on a RAMdisk and searching it with a computer trick (3200 QSO's are dupe checked in the same milli-second that 5 QSO's are dupe checked). Memory restrictions limiting log size was defeated by not keeping the log in memory at all because the RAMdisk file eliminated the need for it. The need for pencilled notes has been eliminated by providing a way to amend any entry at any time during logging operations. Confusion with Function Keys was eliminated by careful planning, thus, reducing the need for numerous commands." The program is totally menu driven.

Fred wanted to make the program extremely flexible for a variety of contests and was able to make the duping once per contest or once way to write your now count any list made time, Fred states, "he countries because there in most contests they His solution was to abbreviation given that following a dx you could add -KH6, and on that band it would be the operator is in too the country prefix, it



function selectable between per band. By providing a own multiplier list, it could for any contest. For a long was stymied by counting are so many of them, and are counted once per band." count ANY unique after the character "-" such contest entry of 599 KW if such had not been input counted as a multiplier. If much of a hurry to enter can be added after the

contest. If the operator enters two different prefixes for the same country, it will be counted twice but can later be corrected through editing the QSO data. In the case of CQWW, which counts countries and zones, an "+" allows for an additional multiplier for any QSO. Example 599-27+JA would result in two multipliers, provided that 27 and JA were not already worked.

Fred became interested in adding beam headings to the program based on your Longitude and Latitude, which is input during the program installation procedure. By entering any ARRL DX prefix and tapping the spacebar, it will yield beam heading from your exact location and exact distance to targeted DX. Another feature for those UHF/VHF contesters is beam heading and distance by GRID SQUARE. It will also automatically calculate the contest score using distance as is done in Europe. This can save European operators many hours of calculating!

At this point in the program development Fred found that he was only using a pencil for noting the call on which he had left a second VFO during spot checking for multipliers. He

added the function <ESC> K (for keep), which holds that call in memory and <ESC> I, which retrieves it. After adding this last feature Fred found that real time logging with the computer was faster than with a pencil, dupe checking was light years faster, usable information was instantly available and log processing after the contest was painless and quick. Fred states, "I often found the log enveloped ten minutes after the contest was over."

Most contest operators hate the logging, scoring, duping and QSLing chores that are required by participation in the sport. With the computer doing most of these chores you can truly enjoy the heat of battle without having to think about all the work that follows. Can contesting be fun without the work?

The program is presently difficult to read on many black and white monitors but this summer Fred plans to add a color versus black and white selection to eliminate the difficulty. Fred, KT5X, was first licensed in 1958 and is ex K3EPQ, WA2EBR and WA4JFY. He holds 27 ARRL section contest awards, top ten SS at least once, 2nd in the nation once in the old CD contest, one all time Field Day record (since broken), one all time DX test record (total countries on one band, 20 meters, under the old rules) and numerous other awards.

I tried the program out for ARRL DX CW, 1988 and found it to be a real aid in the shack. I worked 620 QSO's and 76 countries on 40 meters as a single op, single band entry. I found the following features provided by the program to be functional, reliable and a pleasure to use:

Smooth data entry without having to memorize function keys, instant dupe checking, full access to amend any QSO during or after the contest, extensive help screen functions, time on the air and remaining in the contest (with off times computed), QSO rates computed (contacts by hour), toggles for (real-time printouts, auto/manual dupe rejection, auto/manual time/date stamping), remarkable multiplier functions and options, QSO total by band and mode, ability to (view remaining multipliers needed, save a call, view number of multipliers in the log), and print dupe sheets alphabetically, by call area or by band (fast). It also Prints logs with summary in generic contest, sweepstakes or DX contest formats. I tried a sample UHF/VHF contest run and found the program would actually calculate the scores based on RSGB and European distance methods.

The program was a real joy to use and quite useful in eliminating the pencil from the shack! Fred wrote the program specifically for his own use, but found it to be such a useful tool in the shack that he is now sharing it with those interested parties at a very reasonable price. In a recent letter he said, "If the enjoyment of contesting is enhanced by the program for a few operators for which they reimburse me two cents an hour for my programming efforts, I'd be happy!".

For more information on the "KT5X LOGGER" program contact, Fred Maas, KT5X, Rt. 9 Box 86-H, Santa Fe, NM, 87505, (505) 988-4681.

In my next article on "Computer Assisted Contesting", I will be reviewing two IBM programs, written by MJC Technologies, called "KOMPETE" and "SCORE". "KOMPETE" is a program written specifically for the ARRL DX contest and "SCORE" is written specifically for ARRL Sweepstakes contest. These programs boast a full fledge control panel for transceiver and rotator controlling from the personal computer with full screen graphics. If you have programs, questions or comments send them to N6ADI.

## N200ADI UPDATE

September 2-9, 1988 will be the dates of operation of Special Event Station, N200ADI, and all SCCC members are invited to participate in this undertaking. There will be two stations available for use during this period. The purpose of this project is to try and outdo all other special event stations in QSO and country total during the one week period of operation. Reservations are now being taken for operating days and times. Send a post card to: Box 62, Oak View, CA. 93022 with your preferred operating schedule and day time and night time telephone numbers. Both stations will be in Ojai near Lake Casitas and some fun camping spots. Some local accomadations will be available too! SCCC members will be given operating priority! So far NE6I, N6VR and others are joining in the fun. Make a vacation out of it in the beautiful OJAI Valley. MAKE YOUR RESERVATIONS NOW !!!!!!!

SCCC members are invited to participate in Field Day with the Hughes-Fullerton club (K6QEH) on June 24-26. Last year, K6QEH placed 3rd in the very competitive 3A class. This year, we're shooting for Number 1.

Where: Simpson Park, located behind the Hughes Aircraft Co. Fullerton facility. From 91 Fwy or 5 Fwy, get off at Beach and go North to Malvern. Right (East) on Malvern to Gilbert. Left (North) on Gilbert to 2nd light ("East-West" Road, on Hughes property). Right on "East-West" road to stop sign. Left at stop sign, follow the winding road around the bend into the park. Talk-in on the K6QEH repeater on 146.97/146.37.

When: Antenna setup starts Friday afternoon until dusk. Stations get assembled and tested Saturday morning between 7 and 10 AM. The contest starts at 11 AM and runs through Sunday until 11 AM. Take down is usually over by 1 PM.

Facilities: Simpson Park has hot and cold running water, showers, bathrooms, covered picnic pavillion, and lots of room for antennas. (Field Day, Club Med style.) The site has a clear shot in all directions, is fairly high up in the Sunny Hills area, and is pretty radio-quiet.

Antennas: There are four 70' wooden lighting poles around the softball diamond that will support one or two beams each. Antennas include: 80: two 1/4 wave verticals, two full size loops, ??? 40: 2 el. KLM, 3 el. Bobtail curtail (if needed), loop 20: 4 el. Hygain, 5 el. Hygain 15: 4 el W2PV, 4 el Hygain 10: 4 el Cushcraft, 4 el Hygain

Stations: TS-930s, fully loaded. Operators can bring their own rigs, keyers, paddles, etc. if desired. Inter-station communications will be via 2m simplex. One rig on 40/15 CW, one on 80/20/10 CW, and one on 80- 10 SSB.

Power: Power will be supplied by 3 club-owned generators. We have external surge suppression and over-voltage protection boxes especially designed for Field Day, so the rigs don't get toasted.

Food: Hot food and cold drinks will be provided for the duration, including the Friday setup. We'll have BBQ steaks Saturday night for dinner, along with potluck veggies, salads, etc. (Last year, we put away 42 lbs of London Broil)

Needs: We could use a lightweight tower or tower/trailer and 40 meter 2 el. yagi.

Miscellaneous: If you want a second opinion on last year's operation, talk to N1GW, K9UW, or K6JY0. We are expecting another great crew this year, so come out and have fun, even if only for a few hours. Drop a line to NC6U (621 N Ladera Vista, Fullerton CA, 92631) or call (714-670-4743 W, or 714-870-4849 H) by June 18th if you are interested.

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BOX 62  
OAK VIEW, CA. 93022**

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**CHECK YOUR MAILING  
FOR RENEWAL DATE !  
DATED MATERIAL  
DO NOT DELAY !**

