

THE CIRCLE CITY COMMUNICATOR  
VOLUME VII, ISSUE V  
ARRL AFFILIATED CLUB NO. 2108

MAY 1991

Building the thinking of the radio amateurs of Norco and Corona.  
Photo free to provide inspiration for the theater of the mind.  
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Vice President..Luis Diaz, KP4DX, 736-0789 Treasurer.....Rich Blackburn, N6TAX, 785-5658

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Dick Moll, N6XUC, 371-055 Asst. EC.....Barry Todd, K6ZCE, 735-1761  
Luis Diaz, KP4DX, 736-0789 Youth Chair.....Luis Diaz, KP4DX, 736-0789  
T-Hunt Chair....John Quinn, N6SBU, 737-2979 Elmer Coord.....Bob Leo, KJ6B, 734-1205

PRESIDENT'S MESSAGE -de W6TKV

Well folks, it's that time of year when we start planning CNARC's Field Day operation. It's the 4th weekend in June (6/22-6/23), and we are planning on Foothill Elementary School which proved to be a great site last year. We hope every club member chooses to participate. And, here's why you should.

Field Day was conceived as an emergency exercise, but has turned into much more than just an exercise. It is a time to work with your fellow hams, and get involved in some of the activities. These include: 1) installing several low-band antennas, 2) getting the generator humming, 3) operating the radios and contacting other clubs across the country who are doing the same thing, 4) operating through the night, and 4) just getting out and rag chewing with your fellow club members.

It is an excellent chance for newer hams to learn something about antennas. It's also a good time to get to know other club members better, and to discover their special interests.

... see next column, MESSAGE

MAY MEETING

GETTING YOUR ANTENNA UP, WAY UP  
presentation by WB2WIK

MESSAGE (continued)

There will be 4 separate stations (including a Novice/Technician station) and ample opportunity for everyone to operate for as long or as short a time as they wish. Not everyone operates as rapidly or as slowly as you do, and indeed, who cares. Most of the operation is on SSB, but it would be great to have someone make a charge on CW. Field Day is a great weekend to have a good time, to run the radios, make a few contacts, and even to try contesting ... a facet of our great hobby.

Last year, we had some 1,375 QSO's ... maybe this year we'll do better, maybe not. The only sure thing certain is we'll have a wonderful time. Mark your calendar for June 22nd and 23rd.

73- Fred

MAY PROGRAM FEATURES WB2WIK

Steve Katz is an interesting ham who is a knowledgeable and exciting speaker. He will inform and delight you with his saga of "hanging a 160M vertical in the sky". Plan to be there, It will be much better than the Monday Night Movie.

CNARC MONDAY NIGHT NET

Tune in weekly for the latest CNARC news, the latest public service news, and the latest swap items ... Mondays, 8:00PM, 146.535MHZ.

### T-HUNT RESULTS

The April T-Hunt turned out to be a victory of sorts for the Hidden T. A "victory" in that no one found him. "Of sorts" because no one even tried to find him. It seems everyone had other things on Saturday's agenda. Among them NF6Y and N6XUC supported the Graffiti Clean-Up, N6UCV was busy installing sod in his backyard, and the usual hunters N6SBU and N6ZHZ were no-shows.

Anyway ... the next T-Hunt will be on Saturday, May 18th at 10:00AM. It will be a mobile-in-motion T-Hunt according to the rules previously published. Prospective T-Hunters or anyone who would just like to see how it's done, is welcome to ride along.

The gathering point for all T-Hunters will be St. John's church, and the Mobile-T will be W6TKV who has promised to stay within southern California (that's a joke, son).

### LOTTERY WINNER!!!

For those of you who wondered about this headline in last month's issue of the Communicator, and wondered if there really was a TS-440S being raffled off, you weren't alone. Our attendance at the meeting was well above average. But, you guessed it ... Mr. X was the April Fool.

### GD SWAPMEET

While at the second Saturday swapmeet, keep in touch with fellow CNARC club members with your HT tuned to 146.535MHz. It's a great way to find what you want to buy, and help another CNARC member locate something he needs.

### CNARC BOARD MEETING

The next Board meeting is on Monday, May 13th at 7:00PM at Carls Jr. on Magnolia Avenue just off the 15 freeway. All club members are welcome to attend.

### CNARC CW NET

... Wednesdays, 8:00PM, 28290KHZ  
You know what CW is. It's just those dits and dahs that's keeping you from a higher class license. Come on, get with the program.

### HAM RADIO OUTLET HAS MOVED CLOSER

HRO has moved to the old Henry Radio location on Euclid Avenue in Anaheim. It seems funny there are hams who don't know where that is, but Euclid is 2 exits (1-3/4 miles) before you get to Magnolia Avenue (the old exit for HRO). Then just go a couple of blocks south on Euclid ... you can't miss it.

HRO celebrated Kenwood Days a few weeks ago, and it featured an electronic slot machine which generated ham calls ... get your own call and win a TS-950SD. Also featured were Kenwood dollars which were nice cash discounts on Kenwood products. Big crowd.

As a reminder, to call HRO, you can now dial 800-854-6046.

### PEERING INTO THE PAST

DON WALLACE, W6AM. This book describes the history of amateur radio as experienced by Don Wallace. Written by Jan Perkins, N6AW, Hardbound, 350 pages. Prepublication price \$19.95. Order from Wallace & Wallace, 11823 Slauson Avenue, suite 38, Sante Fe Springs, CA 90670

### CNARC SPONSORS ARRL AWARD

For the second year, CNARC is sponsoring a plaque in the ARRL International DX Contest for the winner of the W/VE Phone - Single Operator, Assisted Category. The plaque sponsor is shown as:

CORONA NORCO AMATEUR RADIO CLUB  
- An ARRL Special Service Club -  
CORONA, CALIFORNIA

We will announce the winner when the results are published in QST.

### AMATEUR LICENSE EXAMS

The Riverside club is holding a license exam session (Novice-Extra) at 8:00AM on Saturday, June 1st at the Riverside General Hospital, Building G. The cost is just \$4.00 (Novice free). Space limited to 25, and pre-registration is required. Send completed Form 610 (don't sign or date it) with a copy of your current license to RCARA Exams, 3380 Doyle Street, Riverside, CA 92504. For information, call 780-2680.  
..also 9/7 and 12/7

## PACKET RACKET

Last month, we touched on the Packet Bulletin Board System (PBBS) and how to send messages to another ham ... or a friend or relative. This month we'll talk about downloading stuff to review and about look-up tables.

Everything on a PBBS can be downloaded into your computer, or fed directly to your printer. What "downloading" means is you can suck up information from the bulletin board and then read, ponder and review it later.

As one example, you can download the directory of messages on the BBS, disconnect and carefully read the complete list to see which messages you want to read. Then when you re-connect, you can read (or download) them. Also, you can download all of the help data (frequently pages and pages of information), and save it as a reference for when you need it.

Keep in mind the PBBS System Operator (SysOp) has created the Help file, and being human, he may not have described the various commands in the clearest language. And, he may have left some out because "they weren't important". So, keep in mind that there may be other files or commands available. Explore ... but ever so gently.

Now on to look-up tables. Last month, when discussing sending messages, we said a message could be sent to N6HIM @ 91003. Did you wonder how the PBBS knew how to route a message to someone living in ZIP code 91003? Well, the SysOp put a software look-up table in his computer, and when a message comes in for 91003, the computer scans this table looking for that specific ZIP code. When it finds it, the computer then knows the routing for that particular message.

If this is confusing, think of the look-up table as a set of 3x5 file cards. Card 91003 says, "Messages should be sent to the Northern California Net (NCN), and this can be done by connecting to K6NCN V K6SCN, K6MID on 145.05MHz. If the message is received on Saturday or Sunday, it can be sent directly to K6NCN on 7255KHz at 1400UCT." And, the computer is programmed to interpret this information just as you would.

... see next column, PACKET

## OFFICIAL CNARC CALENDAR

Saturday, 5/4 ..... Cinco de Mayo Parade  
Monday, 5/6, 7:30PM ..... Club Meeting  
Wednesday, 5/8, 8:00AM ... Hunny's Bkfst  
Thursday, 5/9, 12:30PM ... Lunch Bunch  
Saturday, 5/11, 7:00AM ... GD Swap Meet  
Saturday, 5/11 ..... Parks & Recreation 5K/10K Bike Ride  
Thursday, 5/16, 12:30PM ... Lunch Bunch  
Saturday, 5/18, 10:00AM .. Mobile T-Hunt  
Thursday, 5/23, 12:30PM .. Lunch Bunch  
Saturday, 5/25, 7:00AM ... TRW Swap Meet  
Thursday, 5/30, 12:30PM .. Lunch Bunch  
Saturday, 6/1, 8:00AM .... RCARA License Exams

### PACKET (continued)

For an example of how the computer might work, keep in mind it follows instructions precisely. For example, if you told a computer to make you a sandwich, the computer would respond, "Zap! You're a sandwich!" Computer instructions are very specific, and something like:

#### ZIP

Does the ZIP code start with 10? Yes/No  
If yes, goto ZIP10. If no, goto NOZIP  
Does the ZIP code start with 11? Yes/No  
If yes, goto ZIP11. If no, goto NOZIP

Does the ZIP code start with 96? Yes/No  
If yes, goto ZIP96. If no, goto NOZIP  
Does the ZIP code start with 99? Yes/No  
If yes, goto ZIP99. If no, goto NOZIP

#### NOZIP

This is not a ZIP code, return message to sender for more information

#### ZIP10

Are the last 3 digits 000 to 500? Yes/No  
If yes, send to K1AAA. Goto DATE  
If no, send to K1BBB. Goto DATE

#### ZIP11

Are the last 3 digits 000 to 500? Yes/No  
If yes, send to K2CCC. Goto DATE  
If no, send to K2DDD. Goto DATE

#### ZIP95

Are the last 3 digits 000 to 500? Yes/No  
If yes, send to K6NCN (BINGO!!!). Goto DATE  
If no, send to K7ORE. Goto DATE

... see Page 4, PACKET

**DATE**

Is it Saturday or Sunday? Yes or No?  
If yes, goto TIME  
If no, send to K6NCN V K6SCN, K6MID on  
145.05MHz and you are finished

**TIME**

Is it 1400UCT yet? Yes or No  
If yes, send to K6NCN on 7255KHz  
If no, ask in 5 minutes if it's time yet

Time and frequency information is stored in a file, and when the appointed time comes up, the computer initiates transmission of the message. Of course, the computer controls the transmitter and sets the frequency and mode (FM/LSB/USB). You must appreciate that a computer can scan hundreds of 3x5 cards each second, and that means look-up tables make real sense. Yep, it's magic, no doubt about it.

**TRY QRP ONCE IN A WHILE**

W6TKV reports having worked ZD8DX (Ascension Island in the south Atlantic) through a pile-up on 10M with just 2 watts (SSB). Not too shabby. Try it! You'll be surprised!

**OTHER LOCAL RADIO CLUB MEETINGS**

The Riverside County Amateur Radio Association (RCARA) meets on the second Thursday of each month, 7:30PM, at the Riverside County Office of Education, 3958 12th Street, Riverside.

The Quarter Century Wireless Association (QCWA) meets on the last Wednesday of each month, 7:30PM, at at Community Convalescent Center, 4070 Jurupa, Riverside.

**CONSIGNMENT SALES SERVICE - HAM GEAR**

K6RXX has announced a new service, a radio sales outlet for consigned equipment. It will be displayed at the Sam D. Virzi Company offices, 6461-B Brockton Avenue, Riverside (684-8550) ... and offered for sale at the GD and TRW Swap Meets. A bi-monthly mailing on the consigned equipment is a feature of the service. All consignments are based upon a written agreement with a 25% commission.



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**FCC MAKES HOUSE CALLS**

FCC inspectors are making house calls, wherein they arrive unannounced and ask a ham to make a contact using full power, and then another using low power (eg. 1KW/100W or 100W/25W).

These visits started on 2/28 (6 visits by each Field Office) are "part of a program to gather data on the various services the Commission administers, to conduct enforcement as the need arises during the course of the project, and to educate its licensees."

One has to wonder if there may be a move afoot to reduce our power limit, currently 1500W PEP. Hmm.

**YOUR ACTION REQUIRED ON HR-73**

Support for Rep. Jim Cooper's bill, HR-73, continues to grow in Congress. You will recall this bill calls for the width of the amateur spectrum to remain constant, i.e. if the FCC takes away 200KHz, they have to give us 200KHz elsewhere.

It's time to write Al McCandless (or whomever is your Representative) and urge his support of this bill.

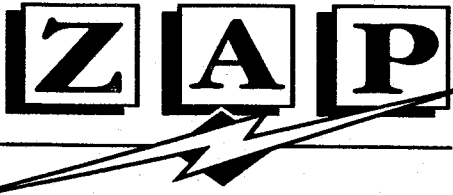
**REPLACEMENT NICADS FOR HT's**

A good source for replacement battery packs is CH&M Enterprises, Battery Division, 7069-1/2 Vineland Avenue, North Hollywood, CA 91605 (818-982-3150, FAX 818-982-2337). These folks are usually at the GD Swap Meet, and will take your battery pack, cut it open, replace the Nicads, reseal it and mail it to you ... all for about \$18. W6TKV says he's a satisfied customer.



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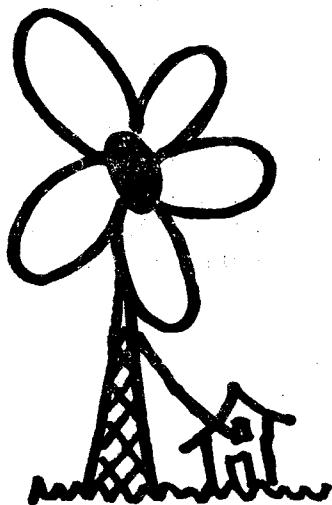
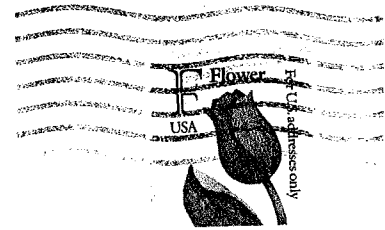
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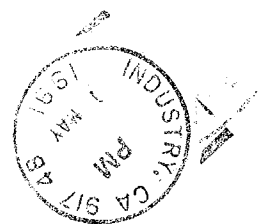
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John Miller, NF6Y  
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Norco, CA 91760



"MY WIFE GAVE ME A NEW BEAM,  
SOMETHING ABOUT FLOWER POWER,  
SHE SAID."

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