



The Circle City Communicator

March 1993

Volume IX

Issue No. 3

President's Soap Box

I hope nobody forgot Valentine's. I hate to see people in trouble. Things are progressing nicely. The Treasury is beginning to show signs of recovery mostly due to the efforts of our No-Code class instructors Mike, KC6TWR, and Gerhardt, WA6BHR. And, let's not forget the VEs John NF6Y, Fred, W6TKV, Dick, AF6F, and Norm, KN6CV. However, if we are to accomplish much we have a long way to go. Which brings me to equipping the Senior Citizens Center, from now on to be known as SCC. Our Emergency Coordinator John, NF6Y, and I have put together a list of equipment that we feel would be needed if the SCC is to be a viable unit in the event of a real emergency. In order of priority are:

<u>2MTR</u>	
Yaesu FT2400H	\$359.95+tax
Astron 50W PS	<u>\$239.95+tax</u>
Total	\$599.90+tax

<u>HF</u>	
Yaesu FT747GX	\$729.95+tax

The antennas currently installed are adequate for the time being. The above list is not set and anything equivalent could be substituted. The 2MTR equipment and the power supply are the most essential, then the HF equipment, and hopefully a TNC and computer for packet, etc. We of course, will accept any donations of cash or appropriate equipment with many thanks or bowing and scraping if necessary.

It has been brought to my attention that we have not officially set up (cont'd next column)

(Cont'd from previous column)

an equipment fund, and that matter will be addressed at the March meeting.

Happy HAMMING. See you at the meeting. Looks like we will have an interesting program.

73
Dick, N6XUC

CNARC Meeting March Presentation

Topic: Packet Radio Briefing

Date/Time: 7:30 pm Monday
March

At the next meeting we will revisit the topic of Packet Radio. This presentation will be made by N. Musselman, KN6CV, Art Sutorus, KC6YRH, and Mike Frasier, KC6TWR and any other members who may be able to field the questions. We plan to concentrate on the Basics of Packet Radio and our main objective is to help those interested in Packet to decide if they want to take the next step and purchase the necessary equipment. We hope to have one or two packet stations operating at the presentation to demonstrate the packet radio concept.

(Cont'd page 2)

March Meeting (Cont'd from page one)

Tentative Presentation Outline:

- * Brief description of packet radio.
- * History of packet radio.
- * Description of the TNC/Computer & the TNC/Transceiver interfaces.
- * The cost of getting into packet radio.
- * TNC manufacturers & options offered.
- * Packet radio literature available.
- * Is packet radio for me?
- * Packet radio demonstration.

So, make a note of all your questions about packet radio and bring them to the meeting.

If any member knows, or meets, someone who would be willing to speak at one of our future club meetings about anything pertinent to Ham radio, please contact one of the board members with the information.

There will be two five chance quick picks, and a 50/50 drawing at the March meeting. Hope to c u there!

The Program Committee
 N.A. Musselman, KN6CV
 A. Sutorus, KC6YRU
 M. Frasier, KC6TWR

Corona Norco Amateur Radio Club

ARRL Affiliated Club #2108
 P.O. Box 1873
 Corona, California 91718

Board of Directors

President	Dick Moll, N6XUC	371-0555
Vice-President	Norm Musselman, KN6CV	734-8835
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CNARC General Meeting

February 1, 1993

President N6XUC called the meeting to order at 7:40 PM followed by introductions.

The guest speaker for the evening was Rob Sorenson, KB6ONO. Rob covered the basics of repeater operations and demonstrated the capabilities of the KB6JVA repeater located in the Corona hills. This repeater is on 224.700 Mhz, has autopatch, voice mail, and can be linked to either 2 meters or 440 Mhz. For those interested in joining this repeater Rob can be reached at 737-4636. His address is 1417 Fox Run, Corona, 91720.

The raffle prizes were 5 Lottery quick-picks and were claimed by Virginia, KD6QCN, and Marcie, KD6QFA. The 50/50 was won by Dick, N6XUC, who returned \$25 back to the club.

Fred, W6TKV, volunteered to be Head Elmer of the Elmer committee. Fred will be looking for more volunteers.

Over the past few months a number of Constitution and By-law changes have been proposed. Among them are moving the Election meeting to November, requiring a Board Member to have been a club member at least 6 months, and removal of the restriction on Novice class members from being officers. These proposals will be presented to the membership for formal voting at the next general meeting.

Anyone with contributions to the newsletter should submit them to the Editor by the 3rd Monday of the month.

(Cont'd page 4)

Local T-Hunters Have Car Problems

January's T-Hunt featured only 1 CNARC member, W6TKV. It is assumed NF6Y and N6XUC had severe car problems since they failed to arrive at the starting point. WA6FAT, N6ZHZ and KC6CYG were the other hunters with WA6FAT's ride along from the last hunt as the hidden T.

W6TKV swept to a first-in win with a "shortest possible" 3.5 mile trip to find the hidden transmitter. Second was WA6FAT, followed by N6ZHZ, and then KC6CYG, who hunted with just a HT.

Next month's hunt will be February 20th, and an exciting hunt is promised. (Note to CNARC members: Change your oil, get your cars tuned up, get your battery checked, check your transmission fluid, et all. No excuses this time).

73 de W6TKV

Near-By Amateur Radio Test Schedules

Riverside: 1st Sat. of Mar, June, Sept, & Dec. Call 688-2985 or 780-2680

Irvine: 3rd Sat. of even numbered months. Call 310-691-1514

Montclair: Last Monday of each month. 597-2249

Ontario: 1st Sat. of each month. Call 818-810-0442

This is only a partial listing of testing schedules. Please call the numbers listed to reserve space and obtain further details. You can also contact John, NF6Y, CNARC's Public Service Coordinator.

Phonetics For All

Every Ham tries to come up with phonetics to clarify his or her call to another station. For my old call, K2AMN, I used Angry Mother Nature. It worked great and no one ever forgot it! Here are some for our newest club members:-

KD6QCN - Quiet, Charming & Naughty
KD6QCO - Quasi Code Operator
KD6QCP - Quit Chasing Policewomen
KD6QCQ - Quarreling Cancels Quiet
KD6QCR - Quoting Club Rules
KD6QCS - Quarter Carat Sapphire
KD6QCT - Queen's Chief Taster
KD6QCU - Quilts Cover Us
KD6QES - Quick, Easy, Simple
KD6QET - Quiet Every Time
KD6QEU - Quit Eating Unicorns
KD6QEV - Quenching Evil Viruses
KD6QEW - Questioning Einstein's Work
KD6QEX - Quasars Evade X-rays
KD6QEY - Quivering Egg Yolk
KD6QEZ - Quiz Every Zealot
KD6QFA - Quality For All

Let's not hear anyone say, "I can't come up with any phonetics for my call". Ten minutes with a dictionary can make short work of it.

de W6TKV

Did You Know...

Hams are recognized by the Federal Government as a natural resource, ambassadors of good will and contributors to new communication technologies.

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(909) 734-8181

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Radio Talk

by Fred Roberts, W6TKV

Hams use a whole bunch of jargon (or shorthand) to express themselves, and much of it comes from earlier CW useage. Some are Q-signals, some are 2-digit numbers, and some are just jargon. Some examples for our newcomers:

Used at the end of a contact:

- 73 - "Best Regards" (NOT "73's", NOT "Best 73's")
- 88 - "Love and kisses" (usually twixt husband and wife, lovers, etc.)
- 33 - "Affectionately" (between two women)

Q-signals most used during a phone or CW contact:

- QTH - Location, as in "My QTH is Corona."
- QSY - Change frequency, as in "Let's QSY to 146.52."
- QRT - End contact, as in "I must QRT for dinner."
- QSL - Acknowledge, as in "I QSL." or "Do you QSL?"

Other jargon most used during a phone or CW contact:

- YL - Girl Friend (or Young Lady)
- XYL - Wife (or Ex-Young Lady ... irrespective of age)
- OM - Man or Husband (or Old Man ... irrespective of age)
- HARMONICS - Children (as in your or my harmonics)
- HANDLE - Name (as in, My handle is Joe.)

More next month on that first CW contact.

General Meeting Minutes

(Cont'd from page 2)

Donations of equipment and/or cash for th club station at the Corona Senior Center will be cheerfully accepted.

There is an Elmers net on the 147.21 Mhz repeater on Sundays at 8:00 PM.

John, NF6Y is seeking volunteers for the Sierra del Oro 5/10k run on March 20. He will need about 12 people. Other future events may be a track & field meet at Corona HS April 7 and the Run for the Crown 5/10k on May 8.

The recent No-Code Tech class resulted in 19 people passing the test. Also two people, Marcie, KD6QFA, and Ace, KC6VUY, passed the 5 wpm code for upgrade to Technician w/HF.

Fred, W6TKV, will be hiding for the next T-hunt on Saturday, Feb. 20 at 10:00 AM.

The topic for next month will be packet radio and will be presented by the club's packet experts. See you there on Monday, March 1st at 7:30 PM at St. John's Episcopal Church, 526 Magnolia Avenue, Corona.

The meeting was adjourned at 9:35 PM.

73
Dick, AF6F

A & M Computer Services

Norm Musselman KN6CV
1610 Pacific Avenue (714) 734-8835
Norco, Ca. 91760

- *Small Business Computer Applications
- *Personal Computer Applications
- *Sales & Repair

3/94

Digital Digest by Mike Frasier, KC6TWR

Last month we talked about what digital communications, communications by computer, was all about. We talked about the 1 and 0 code, and how the "translator" box changes the 1's and 0's to audio tones that are transmitted by your radio to the station you are communicating with. This month, let's look at the equipment necessary to get started in digital communications and focus specifically on what we called a "translator" box in the last column. Since packet radio is the most popular form of digital communications that Hams use today, "packet" will be the basis of our next few columns.

The equipment used for digital communications is very simple and is available to most amateurs. On the hardware side, you will need three pieces of equipment.

1. Some sort of computer terminal device. Most amateurs use a personal computer for this part. It can be an IBM compatible, a MAC, an APPLE or just about any system with a standard RS-232 port. You don't need anything fancy or expensive. A used XT or '286 can be found for next to nothing and makes an excellent packet computer.

2. Since most packet activity takes place on 2 meters, you will need an FM 2 meter radio with more than just a "rubber duck" antenna. Most communications are "simplex" which makes the antenna very important.

3. The last and most important piece of equipment is the terminal-node-controller or TNC. This is the "translator" box we talked about last month. The TNC translates the audio tones transmitted or received by the radio into the 1 and 0 code that the computer terminal can understand. The TNC also performs the "packet" function that we'll discuss another time. TNCs can be purchased for as little as \$49 or (cont'd next column).

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for as much as \$300.

The most difficult part of hooking all of this together is putting the connectors on the ends of the cables. Most TNCs come with instructions for building cables, or ready-made combinations can be purchased at your local Ham radio store.

The last thing you will need is software. You can use a simple communications package that is used to communicate with a land-line bulletin-board system (BBS) by telephone modem, (Smartcom, Procomm, Qmodem, BitComm, etc.) or you can purchase software that is written specially for packet radio. The most popular are PktGold/KaGold, Pakratt II, and HostMaster II. There are also several packet programs available as shareware. One of the better known shareware programs is Lan-Link.

Plug the computer into the TNC, the TNC into the radio, turn everything on, load up the packet software and stand-by until next month when we'll tell you what to do next. This is when the fun begins.

The Breakfast Bunch

The monthly CNARC Breakfast was held at Hunny's on Wednesday, February 3, 1993. There were enough early birds to field a baseball team. The early risers were:

John, NF6Y
Rudy, KC6GTI
Mike, KC6TWR
Orv, K6LEF
Dick, N6XUC
Ace, KC6VUY
Norm, Kn6CV
Art, KC6YRH
Fred, W6TKV

Why don't you plan now to join the group in March!!

Everyone Knows That!

When asked recently about the National Simplex Calling Frequencies, I searched all the appropriate ARRL publications without success. Frustrated, I finally called Jay Mabey, NU0X, editor of the Repeater Directory-at ARRL headquarters. Asked why the National Simplex Frequency information isn't listed anywhere, he answered, "Well, everybody knows that!"

I asked, "How, if the frequencies aren't listed anywhere?" When at last he understood, he said he would try to include a listing in the next issue of the Directory or in some other League publication. (It should be in the Handbook, the ARRL operators' guide, and in every issue of the Repeater Directory - obviously - ed.)

From February 1993 ARNS from the Sierra Intermountain Emergency Radio Association's October '92 'SIERA'- Dorothy Uebele, N7MXA, Editor

Last Chance

For those of you who have not renewed your CNARC membership for 1993, THIS WILL BE THE LAST NEWSLETTER YOU WILL RECEIVE UNTIL YOUR DUES ARE PAID.

So.....hurry up and mail in your membership application and your dues so you will continue to receive the newsletter!!!

Ham Radio Outlet

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3/93

Corona Norco Amateur Radio Club P.O. Box 1783, Corona, CA 91718

MEMBERSHIP APPLICATION.....Dues: Individual \$10.00 Family \$15.00

CALL: _____ CLASS: _____
NAME: _____ BIRTHDAY: _____
(Month/Day)
ADDRESS: _____
CITY/STATE: _____
PHONE: HOME: _____ BUSINESS: _____
CLUB BADGES: If you want one, name on badge? _____

LIST ANY HAM RADIO ORGANIZATIONS IN WHICH YOU HOLD MEMBERSHIP

_____ ARRL _____ RACES _____ ARES _____ OTHER

Areas for Ham interesst, operation bands, etc.: _____

Signed: _____ Date: _____

Send: _____ ARRL Application _____ RACES Application Rec'd: \$ _____

Cert. Date _____ Roster Updated: _____ Badge Ordered _____

PROPOSED CONSTITUTION CHANGES

These changes to the CNARC Constitution and By-Laws will be voted on at the March General Meeting. Changes are indicated in bold italics.

OFFICERS: Article II

Section 2- The officers shall be elected for a term of one year by ballot of the members present providing there be a quorum(see Art. IV). To be eligible to hold a club office, **he/she must have been a member in good standing for at least six (6) months** prior to the election and hold a **valid Amateur Radio license delete (of technician class or higher).**

DUTIES OF OFFICERS: ARTICLE III

Section 3- The Secretary shall keep a record of all proceedings, keep an accurate up to date role of all members, submit membership applications for approval, carry on all correspondence, read communications at each meeting, and notify the general membership of meetings. **The Secretary shall keep the Constitution and By-Laws, shall record all amendments and changes to the same and shall have them at every meeting, for reference by members.**

Section 4- The Treasurer shall receive and receipt all moneys paid to the club, keep an accurate account of all moneys received and expended, pay no bills without proper authorization by the club or "its officers constituting a business committee". At each regular club meeting, he/she shall submit an itemized statement of disbursements and receipts, **and have the records at every meeting and shall permit review by members.** At the expiration of his/her term, he/she shall turn over all items and records belonging to the club to his/her successor.

PROPOSED BY-LAW CHANGES

ELECTIONS:

The election shall be held at the **November meeting.** In order to vote, members must be present at the time of the elections.

NOMINATION OF OFFICERS:

The Board shall appoint a nominating Committee at the August meeting. This committee shall consist of three (3) full members who are not currently serving on the board.

The Nominating Committee shall (1) Shall poll the existing officers to determine if they wish to stand for reelection. (2) Seek out full members they determine to be qualified and willing to stand for election (3) Present the nominees to the membership in the November Newsletter and at the November Meeting.

Additional nominations may be made from the floor. Immediately following the close of nominations, the election shall be held.

The incoming officers shall attend the November and December Board meetings to effect an orderly transition, and shall assume the duties of their offices at the annual meeting.

Delete Paragraph SECRETARY.

CALENDAR OF EVENTS

Monday, Mar. 1, 1993, 7:30 pm

General Club Meeting
St. John's Episcopal Church
526 Magnolia Avenue, Corona

Wednesday, Mar. 3, 1993, 8:00 am

Monthly CNARC Breakfast
Check-in on local frequency.

Tuesday, Mar. 9, 1993, 7:00 pm

Board Meeting
Grinder's Restaurant

Saturday, Mar. 20, 1993, 6:45 am

Sierra Del Oro
5/10K Run for the Crown

Saturday, Mar. 20, 1993, 10:00 am

Monthly T-Hunt
Check-in on local frequency

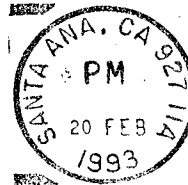
Monday Night Nets

Weekly **except** the first Monday of the
month. Check in on 146.535 Mhz.

Thursdays, 11:30 am

Thursday Lunch Bunch
Grinders Restaurant

Corona Norco Amateur Radio Club
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