



CIRCLE CITY COMMUNICATOR

* MAY 1987 *

PRESIDENTS MESSAGE

The annual March of Dimes Walk-America was again a tremendous success. Many thanks to all the CNARC members that donated their time and equipment in the interest of public service.

The official CNARC scrapbook will be at the May general membership meeting! This scrapbook tracks CNARC's history back to our very first meeting in August of 85. We have many photographs, newspaper articles and thank you letters to review. I think that you will enjoy its contents, I know that I have.

Our Monday evening ARES/RACES net has been officially moved to 147.150 +600 the CNARC repeater. Please make sure to note this and check-in Mondays on our repeater, not on our coordinated simplex frequency.

Our May general membership meeting will be held on Monday May 4th at 7:30 Pm at the Southwest Savings & Loan in the Corona Mall. Special guest this month will be Arlo Myers, WA6UDR. Arlo will discuss the topic of 'Solar Flux' with us. This topic should be of extreme interest to all attending members. I have been told by several people that Arlo is a fascinating speaker. Dont miss it!

Thanks to KD6PX CNARC now will be holding our monthly coffee clutch at the Curly Jones coffee shop on Sixth St. in Corona, on the third Saturday of the month at 8:00 Am. Look forward to see you all there. Until next time
73's KB6GNZ

NEXT MEETING

The next meeting of the Corona Norco Amateur Radio Club will be held on Monday May 4th at 7:30 Pm. The topic will be Solar Flux. This is not what you find in the center of solder, but has to do with that big yellow ball that shows up every morning. Well come to the meeting and find out all about it. The speaker is Arlo Myers, WA6UDR, long time club member of the Riverside club and Professor at UCR. This will prove to be one of the more interesting discussions that we have had. See you all there...

FM TIPS

We last spoke about the necessity of a couple of basic requirements for good 'High Fidelity' FM operation. These requirements are:

- (1) Receiver Quieting and
- (2) Proper Deviation Level to fill the bandpass 'window' of the receiver your talking to, or in the case of a repeater talking through.

Most of us nowadays buy a Kenwood, Icom, or Yaesu 'off the shelf' hook it up to 12 Volts and a decent antenna and forget about everything (except maybe what the VSWR might be). It's important to remember however the two items previously mentioned.

If you do not have quieting to the receiver your talking to, much of the value of FM goes down the drain! In simpler terms this means that you should ask people you are talking with; am I quieting your radio, or am I quieting the repeater? If not turn your beam to that person or do what you can to raise your ERP (effective radiated power).

Once providing a quieting signal level to the station you are talking to is taken care of the next thing you will want to consider is how does my audio sound? There are (or should be) two audio level determining circuits in your FM transmitter. The first is audio gain of simple microphone gain. The second is deviation limiting.

If simple microphone gain is too low people just wont hear anything but (hopefully quieting HI HI) carrier. If the microphone gain is too high you will be 'clipped' and sound distorted. If your radio does not have good deviation limiting you will exceed the bandpass of receivers being talked to and 'squench them out'. For the best sounding audio you should adjust you deviation level to 5 KHz with low enough mic gain that you can speak at normal level with the mic in front of your lips. Keeping the mic gain relatively low reduces background noise, and provides a good (linear) audio level going into the FM modulator.
73's for now, CUL on 147.150 +600
WA6BFH, John

VICE PRESIDENTS MESSAGE

As was discussed in the last newsletter, Southern California packet was undergoing some growing pains. Here are the results of the Southern California Digital Communications Council meeting at the end of March. This was excerpted from the April SCDCC newsletter. I was at this meeting and this was not passed without some amount of agony -- although it wasn't as bad a two months previous when the subject was first broached.

Two-Meter Band Plan for Packet in Southern California

This is the two-meter bandplan presented to the SCDCC membership by the technical committee, and approved by vote:

145.01 N-S-E link, High-level digipeaters multi-hop digipeating, nodes, etc. DX is protected. Point to point (no digipeater) operations are discouraged. EBS's and mailboxes are allowed, new EBS's with direct user access from 145.01 are discouraged.

145.03 High-level digipeaters. No protection of 'DX-er's' on this channel. Mailboxes are allowed.

145.05 Secondary N-S channel. High-level digipeaters (subject to change) DX is protected. Point to point operations are discouraged. EBS's are ok.

145.07 Reserved for low-level digipeaters, and 'cellular radio' type applications. It's recommended that this frequency be the one used for point to point operations. EBS's are ok.

145.09 Keyboard applications. EBS's and mailboxes are not allowed. High-level digipeaters allowed. The intent is that this frequency be used for person to person communications. High-volume traffic is discouraged.

On a very related topic, the KD7XG-1 PEBS (145.05) moved from the home of AH6CL to the home of its callsign. Although the messages and file base were transferred in their entirety, the PEBS program is running on a different computer and is slightly different from the one running at AH6CL's QTH. The program in current use is the W0RLI PEBS version 2.5 written in C. Other than a few minor differences, it looks and acts much like the WA7MEL PEBS version 3.12 that John Graf was using. You might want

to download the 'Help' file and the DOC.MB files and save them for future reference.

73's, John, KD7XG

SAYONARA TO AH6CL

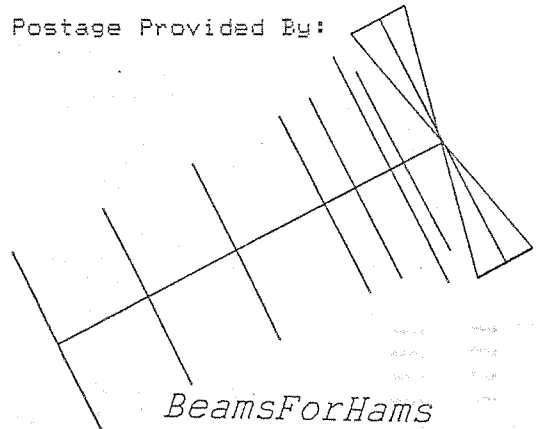
John, AH6CL, and his family will be leaving shortly for a tour of duty in Japan. John served as club president of the Riverside County Amateur Radio Association for 2 years, and was involved with CNARC during its embryonic stages. As a packeteer (that's the amateur version of a Mousketeer) he spearheaded both the implementation of RCARA's club digipeater, W6TJ-1 and a bulletin board (the latter now operating as KD7XG-1).

To say a proper farewell to John and Collette, W6TKV and his XYL are having a potluck at their home on Saturday evening, May 16th, 6:00 Pm. All club members and spouses are invited. Please call Fred or Ann to let them know if you plan to attend. Call 687-8145 evenings. de W6TKV

OFFICERS

Mark W. Costa	736-0267
John Lind	737-8949
John Wendt	863-9999
Lee Owens	737-8467
Mark Turner	737-0263

Postage Provided By:



BeamsForHams

and other custom antenna designs

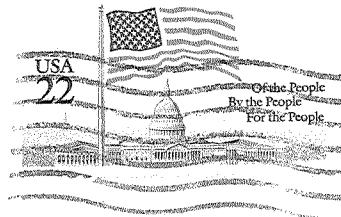
10260 56TH ST.
Mira Loma, Ca. 91752

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

NF6Y
John Miller
775 W. 7th St.
Norco, CA 91760



May 87



** FIRST CLASS MAIL **
