



# The Parasitic Emission



Volume 14, Number 1

Happy New Year!

January 1986

## Meeting Notice

by Joe Shupienis, WA3IHK

The January meeting of the Quad County Amateur Radio Club will be called to order at 7:30 p.m. on Friday, January 17, 1986. The meeting will be held at the DuBois Area Senior High School, Orient Avenue and Division Street, DuBois.

A program on Emergency Preparedness will be presented after the meeting. Coffee and doughnuts will also be available. Plan on attending, and if you are traveling any distance, consider sharing a ride with another amateur in your community.

\*QCARC\*

## Dues announcement

by Joe Shupienis, WA3IHK

Dues for the 1986 club year are now due. Dues are as follows:

Full Member - \$10.00  
Associate Member - \$7.00  
Family Member - \$3.00

If you are a licensed amateur, and you reside in Clearfield, Jefferson, Elk or Cameron county, you must join as a Full Member, and pay \$10.00.

If you are not a licensed amateur, or you do not live in one of the above mentioned counties, you must join as an Associate Member, and pay \$7.00.

If you are a licensed amateur residing with a Full Member, you may join as a Family Member to receive voting privileges, but no newsletter, and pay \$3.00. (This is in anticipation of an actual amendment to the club constitution, and is subject to the outcome of that amendment.)

\*QCARC\*

## Natural Disasters Need Communications

by Art Kunst, W3WM

In the depth of Winter, it is not easy to think of violent weather episodes like hurricanes and tornadoes. Here in Central Pennsylvania we are most likely to worry about cold weather and snow fall. Too much of both will lead to Spring run-offs which may cause flooding. No matter what the weather emergency may be, it usually leads to a need for emergency communications. Our own Bryan Simanic WA3UFN is coordinating amateur radio for disaster communications as Emergency Coordinator for Western Pennsylvania. A tough job that needs our cooperation!

The prologue above is to introduce the program for our January 17 meeting which will consist of two video films by the National Weather Service.

## Terrible Tuesday--

Anatomy of a Tornado, and Hurricane

These come to us through the courtesy of our ARRL Atlantic Division Director Hugh Turnbull W3ABC who is also a good friend of our Club. The two films will portray the development and tracking of weather emergencies and the steps taken to deal with it. Obviously communications will be a vital, and the role of ham radio communications will be obvious. The two video films draw on recent weather disasters and are authentic in all details. The films will be gripping and informative, and hopefully motivating our members to an increased role in emergency communications. Of course our West Pa EC WA3UFN will be on hand to field organization questions, and take applications.

Last month we had to cancel our scheduled program on Antennae with much regret. I received a phone call from our speaker two evenings before the event to advise that special emergency

requirements of his employer would make it impossible for him to attend. Our speaker Tim Duffy K3LR resides in Sharon, Pa., and as it turned out the weather on meeting night December 20 was bad enough to keep away some of our faithfully attending members. Because of the poor attendance it would have been embarrassing to our Club if our speaker had been able to attend.

Fortunately Tim K3LR has agreed to present his Antennae program at our March 21 meeting. The weather should be more favorable to our traveling members, and timing should coincide with Spring antennae construction projects. So mark the date on your calendar. It will be a meeting you should not miss.

\*QCARC\*

Minutes of the December meeting  
by Bryan Simanic, WA3UFN

The regular meeting of the Quad County Amateur Radio Club was called to order December 20, 1985 by Pres. WA3IHK.

The minutes of the previous meeting were read and approved.

TREASURER REPORT- Not available

OLD BUSINESS- Discussion of the new class of membership, and how the constitution should be amended to include it.

NEW BUSINESS- WA3UFN reported on the publication award that the Parasitic Emission received in the 1985 ARNS publication contest.

COMMITTEE REPORTS- WA3IHK reported on the current Novice classes.

Motion to adjourn was made by W3WM, seconded by WA3GQU. Motion carried.

ATTENDANCE- (6) WA3IHK, WA3UFN, W3WM, WA3GQU, KA3OHH, KA3MKY

\*QCARC\*

Everything I Know About DX - Part 4  
by Bob Netzlof, WB3IQE

The allocation of call sign prefixes which had a number in the first position allowed a lot of new countries to get their own prefixes, but it didn't solve the problem forever. Eventually, 9ZA-9ZZ was assigned. (For some reason 0AA-0ZZ and 1AA-1ZZ weren't assigned. Perhaps fear of getting confused with 0AA-0ZZ and 1AA-IAZ). Anyway, the ITU had little choice but to start issuing A2A-A2Z, A3A-

A3Z, etc. Care was necessary, because there were still those B, F, G, I, K, M, N, R, U, and W allocations, and tons of call signs like G3ABC, F6XYZ, K3IQN, W3JOI, and N3DIR.

Further, some of the countries which were getting these odd-looking prefixes weren't using them according to tradition. That may be inevitable, for when you start having countries that wouldn't make a decent-size township, the chances of finding a heads-up, clear-thinking Minister of Communications are pretty slim. Indeed, finding a Minister of Communications who is capable of and interested in practicing rational thought may prove difficult.

Remember that the traditional rule for amateur call signs was "take the first two characters of one of your assigned prefixes and hang a number on the end." Thus when Tonga was allocated A3A-A3Z, they rightly issued call signs like A33IJ and A33PT. Djibouti, J2A-J2Z, issued calls like J28XYZ.

However, Bahamas, C6A-C6Z, issued amateur calls like C6AFR. That is, they issued "regular" prefixes to amateur stations. Dominica, J7A-J7Z did the same thing, issuing calls like J7DAY. However, they repented and reissued, using calls like J73AR. (A Dominican amateur told me that the combination 73 is not accidental.)

So, to use the ITU table, look at the first 3 characters of the call sign. (I'll use x,y, and z to represent letters, n and m to represent numbers, and capital letters to represent themselves.)

There are 4 possible arrangements for amateur call signs:

1. xyn - Look for xyA in ITU table.
2. xnm - Look for xnA in ITU table.
3. nym - Look for nyA in ITU table.
- 4a. xnz - If x is B,F,G,I,K,M,N,R,U, or W  
- look for xAA in ITU table.
- 4b. xnz - If x is A,C,D,E,H,J,L,O,P,S,T,V,  
X or Y  
- look for xnA in ITU table.

Calls beginning with 3 letters or a number followed by two letters are kosher, but aren't amateur calls. Calls beginning with 3 numbers or 2 numbers followed by a letter are figments of somebody's imagination.

Examples:

DJ3PQ - DJ3 Letter letter number  
- use rule 1.  
Found DAA-DTZ - Germany  
(actually West Germany, since  
East Germany uses Y2A-Y9Z)

4X4AT - 4X4 Number letter number  
- use rule 3.  
Found 4XA-4XZ - Israel

C31IGY - C31 Letter number number  
- use rule 2.  
Found C3A-C3Z - Andorra

C6AXQ - C6A Letter number letter,  
first letter is C  
- use rule 4b.  
Found C6A-C6Z - Bahamas

K3TFL - K3T Letter number letter,  
first letter is K  
- use rule 4a.  
Found KAA-KZZ - USA

\*QCARC\*

IHK's Corner

by Joe Shupienis, WA3IHK

January is here, and with it comes the hope for a new year better than the last. It's a time for resolutions, a time for "cleaning house", a time for a new beginning.

This can be applied to amateur radio, and specifically to the QCARC. Why not make this the year you attend every meeting? This is the year to get to some hamfests, to Field Day, to the club's Banquet, to the... well, the list goes on and on.

Now is the time to plan on replacing that fallen-down antenna, tuning up that rig, and cleaning out the hamshack. See that pile of ham magazines over there in the corner? Think of the delight they could bring to a new novice!

Let's not forget to make a few resolutions that pertain to our hobby. How about checking into the Sunday evening net? Being more polite on the air? Being more helpful to both new licensees and old-timers? Why not volunteer to help in the club? Take on some small responsibility to relieve the burden of the few who are currently responsible for everything?

Develop a new interest in the hobby. Computers are now officially here to stay, and so if you've been waiting to

see if they are just a passing fancy, forget it! They have arrived. So take the plunge, with good advice from trusted fellow hams, and go buy one. You won't be sorry.

These are just a few of the things you can do to bring back the thrill that brought you into this hobby in the beginning. The list is endless. You can add to it indefinitely.

\*QCARC\*

Shorts

by Joe Shupienis, WA3IHK

Jim, K3WVR is the latest Packet Radio enthusiast. He is using his Commodore 64 to talk to most of Western Pennsylvania via the WA3UFN-1 Packet Repeater.

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Speaking of Packet Radio - that's what K3PS and WA3UFN will be doing for the Mifflin County Amateur Radio Club. They are presenting a program on the use of Packet Radio to that group. Just to let you know, there's still room to get in on the ground floor of Packet. It is in the same stage of development now that 2-meter repeaters were in about 1973.

\*QCARC\*

You say you got a modem for Christmas and you don't know what to do with it? Call 371-5537 for IHK's bulletin board. Brookville computists can call 849-3477 after 5 Monday - Thursday and Saturday; after 9 Friday; and all day Sunday. Use User ID 0000.

\*QCARC\*

WA3IHK's ICOM 255 is hospitalized with a terminal illness. He gives it a 50-50 chance. Apparent problem is the need for a final IC transplant. A suitable donor is being sought. In lieu of cards and flowers, send a donation to WA3IHK. Make checks out to "Cash".

\*QCARC\*

Best wishes for the New Year from the  
Quad County Amateur Radio Club!

\*QCARC\*

Program of the Month  
by Joe Shupienis, WA3IHK

This month's computer program is a simple phone directory program. It will run on any computer using BASIC, and does not require a disk drive. Type the program in. To add a phone number, type a line between 1000 and 9999 with the following information:

1020 DATA "JOE", "WA3IHK", "371-3725"

Be sure to use both commas, the correct line number, and the word data. The quotation marks are optional, but a good idea.

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1 'PHONE.BAS - PHONE DIRECTORY
2 'BY JOE SHUPIENIS, WA3IHK
3 'JANUARY 1986
100 'MENU
110 PRINT "Phone Directory"
120 PRINT "===== "
130 PRINT
140 PRINT " 1 - Search for a name"
150 PRINT " 2 - Search for a call"
160 PRINT " 3 - End program"
170 PRINT
180 INPUT "Enter your selection."; SE

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190 ON SE GOTO 200, 300, 400
195 GOTO 100
200 'SEARCH FOR A NAME
210 INPUT "What is the name"; KN$
220 RESTORE
230 READ NA$, CA$, PH$
240 IF NA$="EOF" THEN GOTO 100
250 IF KN$<>NA$ THEN GOTO 230
260 PRINT NA$, CA$, PH$
270 GOTO 100
300 'SEARCH FOR A CALL
310 INPUT "What is the call"; KC$
320 RESTORE
330 READ NA$, CA$, PH$
340 IF NA$="EOF" THEN GOTO 100
350 IF KC$<>CA$ THEN GOTO 230
360 GOTO 260
400 'END PROGRAM
410 PRINT "All done"
420 END
1000 'DATA FOLLOWS: NAME, CALL, NUMBER
1010 DATA "JOE", "WA3IHK", "371-3725"
1020 DATA "WASSIL", "K3X", "BR-549"
.
. | PUT MORE RECORDS HERE |
.
9999 DATA "EOF",,

```

Be sure to save it! Then type "RUN" to use it. Have fun!



The Parasitic Emission  
Newsletter of the  
Quad County Amateur Radio Club  
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Vice Pres: Shelly Cretti, KA3MYQ  
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Member:



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F 1985  
WA3UFN

Serving Radio Amateurs in Clearfield, Cameron, Elk and Jefferson Counties since 1975