

THE  
NKARC

# FEEDLINE



KENTUCKY HAMS IN ACTION  
NORTHERN KENTUCKY AMATEUR RADIO CLUB - K4CO  
P.O. BOX 31, FT. MITCHEL, KY. 41017

Vol. 2  
Num. 10

OCT. 1975

CLUB MEETING: First Tuesday of the month at 8 p.m. Meeting location given below.  
Summer meetings held at members' QTH.

CLUB NET: Every Tuesday at 7:30 p.m. on 146.58 Mhz fm.

CLUB TRAILER: Located in Erlanger, Ky.

## COMING EVENTS

- Sept. 28 Louisville Hamfest  
Ky National Guard Armory
- Oct. 7 NKARC MEETING
- 10-11 ARRL Div. Convention, Ohio  
State Fairgrounds, Columbus
- 12 Spring Mill State Park  
Hamfest, Indiana
- Nov. 4 NKARC MEETING
- 8-9 SS CW Contest
- 22-23 SS PHONE Contest

\*\*\*\*\*NEXT MEETING\*\*\*\*\*  
 \* TUESDAY, OCTOBER 7, 1975 at 8 p.m. \*  
 \* at \*  
 \* QTH of K4JBV's newly constructed house \*  
 \* in Independence, Ky. \*  
 \* I-75 to Kyles Lane (2nd Kyles exit \*  
 \* going south) to Ky-17 (3 L hwy). Right \*  
 \* on Ky-17 thru Independence, past Simon- \*  
 \* Kenton and Kenton Elementary Schools. \*  
 \* Turn right on Maple Tree Ln. (near \*  
 \* Rosie's High Point Hut - if you get to \*  
 \* the new Kenton County P.D., turn around \*  
 \* Look for new-constructed house on \*  
 \* Maple Tree Lane. \*  
 \*\*\*\*\*

ARRL  
 GREAT LAKES DIVISION CONVENTION  
 OCTOBER 10-11 (Fri., Sat.)  
 OHIO STATE FAIRGROUNDS  
 Columbus, Ohio

The program includes a flea market, manufacturers' exhibits, forums, banquet, and non-ham activities.

### OVER \$2000 IN PRIZES

Forum subjects cover ARRL, DX, state-of-the-art, contests, FM, VHF, ARPSC, ham training, army mms, and others. QST's ast. technical editor and a Collins Radio design engineer will be part of the state-of-the-art forum.

### REGISTRATION \$3 at the door

Family activities include touring the Ohio Historical Center and Ohio Village adjacent to convention. The country's largest ceramics trade show also at site.

\*\*\*\*FLASH\*\*\*\*FLASH\*\*\*\*FLASH\*\*\*\*FLASH\*\*\*\*  
WATER TOWER INSTALLATION PLAN  
GETS GO AHEAD

The Kenton County Water Commission approved NKARC's plans, as submitted, at its Sept. meeting. Much thanks goes to Roger Schmitt, WB4HDW, for handling all the paper work involved. Complete details on the plan are given below.

\*\*\*\*\*

## TRAILER UPDATE

The NKARC trailer site should look more like a communication center before winter arrives. The purchase of a 40' tower has been authorized by the club. Installation details were submitted to the Water Commission for approval before the Sept. meeting. The 40' tower will hold the TH3MK3 tribander and a two meter Ringo.

Included in the submitted details was a two meter antenna installation on top of the water tower. A 30' aluminum tower will support a Hustler antenna on the water tower cat-walk. At present, a portable mast houses the 2 mtr antenna behind the trailer.

Also in the planning is the purchase or construction of a utility building behind the trailer. The portable generator, antenna mast, and other items now stored in the trailer will be moved to this building - giving more working area in the trailer.

The trailer has been used for numerous committee meetings this summer (two last month), and has also served as net control location for communication exercises.

Were you prepared for the minor tornado that struck Cincinnati last month? Was your 2 mtr portable charged and ready to go? The November issue of Feedline will contain an article on "Practical Weather Observation" by Joe Rice, W4RHZ.

SEPTEMBER MEETING (SEPT. 2, 1975)

The meeting was called to order by Bob Pentz at 8:25 pm at the QTH of WA8CGS. The minutes of the previous meeting were approved as read.

Dick Johnson, WA4KUB, reported that no additional information has been received concerning the club's ARRL affiliation.

Earl Nichols, W4PII, reported on the Cystic Fibrosis Drive. It will take place on Sunday, Sept 14 at 5 p.m. Mobiles were needed for the event.

Harold Blocker, WB4VOA, reported on the Hydro-plane races on Sept. 7. Charlie Sweet, K4MEE, made a motion that the club provide communications for the event. The motion carried.

It was reported that the club still has an antenna at the old Covington Red Cross building that needs to be taken down.

Bill Moll, WA4KQB, reported on permanent club meeting locations. There are presently three possibilities:

- 1) Ft Thomas City Building
- 2) South Hills Civic Club (in Ft Wright)
- 3) Erlanger P.D.

The South Hills Club was favored by most because of the location - it's convenient to hams on both sides of the Licking river and also Cincinnati. A more detailed report will be given next month.

Roger Schmitt, WB4HDW, reported on the progress of the water tower location plans (see front page).

The committee for "2 mtr equipment" will meet on Sunday, Sept. 7. Bill Martin, K4JBV, is chairman.

Joe Burke, WA8CGS, made a motion to purchase 1000' of 8214 coax for the club water tower installations. WB4HDW quoted a price of 17¢ per foot. WB4VOA will also check prices. The motion passed and the best price will be obtained.

A property committee was set up to look into obtaining acreage for the club. Members are WA4KUB, K4JBV, WA8CGS, AND K4DMA (chairman). A full report will be given at a later meeting.

Gary Johnson, WB4FAT, made a motion that the antenna committee be authorized \$500 to purchase aluminum tower and other necessary items for the water tower installation. The motion carried.

WB4FAT and WA4KUB reported on their trip to Europe - ham radio contacts, etc.

Thanks was given to WA8CGS for the meeting location.

The meeting adjourned at 9:45 p.m. Refreshments and a movie followed.

ARRL FREQUENCY MEASURING TEST

September 7, 1975

by Joe Rice, W4RHZ

Using the fundamental range of the Lampkin MFM Model 105-B serial 5097 beating against a 1 Mhz frequency standard and obtaining a range of 3500-3600 KHz. The MFM is read direct on 80 , and on 40 meters the reading is doubled. On 20 meters the reading is quadrupled.

August QST gave the following information as to time and approximate frequencies:

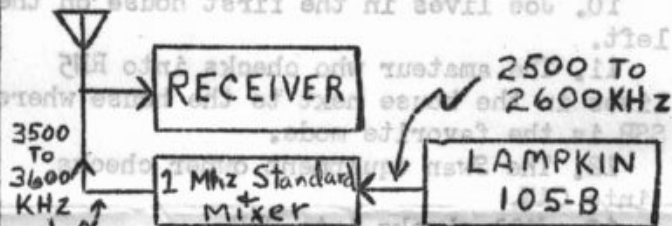
0137 .... 14117 KHz.

0145 .... 7079 "

0153 .... 3544 "

Here are my readings and times:

time(EDST)	MFM reading	Frequency
9:47 P.M.	5201.4	7,077,803.8
9:54 P.M.	5288.0	3,542,369.3



W4RHZ'S SYSTEM

Ed: Such precision in frequency measurement is quite an accomplishment. Watch QST to see how close Joe's readings were.

ANOTHER USE FOR 146.58 Mhz.

A number of club members are becoming DX chasers on the low bands. Why not use 146.58 Mhz to announce the good DX after you work it. Get others to do the same, and it should be a lot easier to work those 100 (or 250) countries.

Also, with band conditions as poor as they are, you might also include just conditions in general - like 15, 10, or 6 meters being open.

And speaking of DX, is there anyone interested in sending in reports to the newsletter on DX activities? You might include 1) any new countries heard 2) DX-peditions - frequencies and times 3) any beacons ( there are a lot of European ones on 28 mhz) etc.

Have any info or articles for your next Feedline? Send it to WA8CGS, 6381 Mullen Rd., Cincinnati, Ohio 45239

# WHO OWNS THE DRAKE EQUIPMENT?

There are five amateurs living in five houses in a row, each painted a different color. Each of the operators has a favorite operating mode, uses a different make of commercial equipment, and checks in on different nets.

1. Jack lives in the black house.
2. John's favorite mode is RTTY.
3. The owner of the brown house uses an Atlas rig.
4. Jim operates with Heath equipment.
5. The brown house is to the right of the yellow house.
6. The op who checks into EAN favors FM
7. The middle house is equipped with Collins gear.
8. The owner of the red house checks into RN5.
9. The one who checks into RN6 lives in the house next to the one who operates CW.
10. Joe lives in the first house on the left.
11. The amateur who checks into RN5 lives in the house next to the house where SSB is the favorite mode.
12. The Swan equipment owner checks into CAN.
13. Jill checks into 3RN.
14. Joe lives next to the green house.

## COMMITTEE FOR AMATEUR RADIO

P.O. BOX 40201  
FOREST PARK, OHIO 45240

A number of club members are becoming DX chasers on the low bands. They not use the 28 hrs to announce the good DX after you work it. Get others to do the same, and it should be a lot easier to work those 100 (or 250) countries.

Also, with hard conditions as poor as they are, you might also include just conditions in general - like 15, 10, or 6 meters being open.

And speaking of DX, is there anyone interested in sending in reports to the newsletter on DX activities? You might include (1) any new countries heard (2) DX conditions - frequencies and times (3) any beacons (there are a lot of European ones on 28 mhz) etc.

Have any info or photos for your next feedline? Send it to WABOS, 1300 Millen Rd., Cincinnati, Ohio 45229

**OCT 75**

# BITES AND BITES

-Steve Starke has passed his General test and is waiting on his license. He is also waiting on a 2 mtr Wilson handi-talki.

-The following have passed portions of their Extra Class exam:

Bill Martin, K4JBV Code

Roger Troy, WA4SKP/8 Code

Joe Burke, WA8CGS Theory

-ATLAS, that amazingly compact (9 1/2 x 3 1/2 x 9 1/2 inch.) 200 watt solid state 160-15 mtr (or 80-10 mtr)!! Bill Davies, K4JWV, brought his to the Sept. NKARC meeting for all to see.

-73 magazine has dropped another advertiser, but won't disclose the name.

-Wilson ups the prices on their new two meter portable (1405 SM) and also on some of their portable accessories. The 1402 SM (six channel) is still \$199 complete.

-Clegg has gone factory-direct on their two meter HT-146. It's now priced at \$197.25 complete.

## WHO OWNS ... (cont.)

Answer these questions: Who has the Drake equipment? Who likes to operate FAX? (reprint: Worldradio News, July 1975)

NON-PROFIT ORGANIZATION  
U.S. POSTAGE

PAID

Cincinnati, Ohio  
Permit # 1866

WABAT and WAKUB reported on their trip to Europe - ham radio contacts, etc. Thanks was given to WABOS for the meeting location.

The meeting adjourned at 9:45 p.m. Refreshments and a movie followed.

that the antenna committee be authorized \$200 to purchase aluminum tower and other necessary items for the water tower installation. The motion carried.

WABAT and WAKUB reported on their check prices. The motion passed and the price of 1 1/4 per foot. WABVOA will also purchase tower installations. WABAT quoted a price of 1 1/4 per foot for the club.

A property committee was set up to look into obtaining acreage for the club.

Members are WAKUB, K4JBV, WABOS, and WAKIM (chairman). A full report will be given at a later meeting.

Gary Johnson, W8PAT, made a motion given at a later meeting.