

THE  
NKARC

# FEEDLINE



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

SEPT. 1975

Vol. 2  
Num. 9

**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. 2	NKARC MEETING
6-7	VHF Contest
21	Cincinnati Hamfest
Oct. 7	NKARC MEETING
10-11	ARRL Division Convention Ohio State Fairgrounds

### \*\*\*\*\*NEXT MEETING\*\*\*\*\*

\* L A D I E S N I T E \*  
\* Bring your wives \*  
\* TUESDAY, SEPTEMBER 2, 1975 at 8 p.m. \*  
\* at \*  
\* QTH of WA8CGS in Cincinnati, Ohio \*

\*Located 15 minutes from downtown Cincy-  
\*take I-75 to I-74 exit. Out I-74 to  
\*Rybolt Rd-Harrison Pk exit. Right at  
\*exit (Harrison Ave.) for 1 mile to  
\*Mullen Rd on right - 6381 Mullen Rd.

Refreshments and non-technical film follow the meeting. Don't miss it!!

Added attraction: Maybe WA4SKP will climb WA8CGS's 100 ft. self-support tower (we'll be ready to catch you, Roger!).

## NKARC FIGHTS TVI

With the ever growing radio frequency interference problems, it is important that these problems be brought under control through proper design of home electronic entertainment devices. If you were at the August NKARC meeting, you should have signed a petition supporting Bill H.R. 7052 - to amend the Communications Act of 1934.

Even if you aren't concerned with TVI and other types of interference at present, now is the time to act. If you didn't sign the petition, send a postcard supporting Bill H.R. 7052 to:

The Honorable Torbert H. Macdonald  
Chairman: Subcommittee on Commun.  
Rayburn House Office Bldg.-Rm B331  
U.S. House of Rep. Wash., D.C. 20515

## ANCIENT QST FOUND

NKARC member Dennis Lampe, W8KIIY, has obtained a copy of the ninth issue of QST published - August, 1916. The somewhat yellowed-still-in-one-piece magazine was found by his neighbor among other old books at a recent book sale on Fountain Square. The neighbor knew nothing about radio - but knew that Den was quite involved in it! The book cost the neighbor 5¢ and was given to Den. It pays to let your hobby be known- and stay on good terms with your neighbors.

A phone call to E. Laird Campbell at ARRL headquarters brought W8KIIY additional information on the old publication.

QST was first issued in Dec. 1915  
WORTH \$100

(Vol. 1 #1). In those early days, they did not keep records of how many copies of each issue were published. However, only 100 copies of the May 1916 issue are known to exist. And the estimated value of this issue is \$100.

The value of W8KIIY's August issue was placed somewhere around \$50 - but Den has no intention of selling it.

The yearly subscription price in 'those early days' was \$1, with single copies 10¢. The only dates during which QST was not published were during WWI. The last issue was Sept 1917, and it was started again in June of 1919.

## ALUMINUM TOWERS DE-RATED

The antenna size (projected area in square feet) of Universal towers has been de-rated, according to their latest specification sheets. Both the old and the new specs state that the towers are tested for 80 m.p.h. winds; and the weight of the individual sections has not changed.

The greatest de-rating occurs on one of their 90 foot models - de-rated from 8 square feet of antenna area to 1.5 sq. feet. Most large 20 mtr beams and tribanders are around the 4 to 6 square feet.

(continued on page 3)

AUGUST MEETING (AUG. 5, 1975)

Bill Mell, WA4KQB, called the meeting to order at 8:30 p.m. The minutes of the previous meeting were approved as read. Roger Schmitt, WB4HDW, gave the treasurers report.

A permanent meeting place for the club was again discussed, with a few new suggestions being made. WA4KQB will give a full report at the next meeting.

There was a discussion about a club officer having access to the P.O. Box that the club uses. The use of the box is donated by WA4KUB and WB4FAT. WB4FAT will report further on this at the next meeting.

Howard House, W4JYS, will change the NKARC station license address to his own QTH. The previous address on the station license was that of the Covington Red Cross Bldg. Howard is trustee of the club call, K4CO.

Charlie Sweet, W4VLA, is having a plaque made for deceased club member K4ZJA. There will be room on the plaque for other deceased members also.

WB4HDW reported on the meeting with the water commission concerning the club trailer projects - tower installation, two meter antenna on the water tower, and a metal utility building behind the trailer. A committee was set up to finalize plans to be presented at the next water commission board meeting.

The next meeting will be at the QTH of WABOGS. The meeting adjourned at 9:15. Refreshments and a film followed the meeting. Thanks to Bill Mell for hosting the meeting (and to his wife for the good food).

ARRL

GREAT LAKES DIVISION CONVENTION  
OCTOBER 10-11 (Fri, Sat)  
Ohio State Fairgrounds  
Columbus, Ohio

Over \$2000 in prizes (including a TR4-C and two R4-C's)

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

The headquarters motel will be the Ramada Inn North, I-71 at Ohio-161, Columbus. Toll-free reservations phone number is 800-228-2828.

Advance registration is \$2.50 (does not include banquet).

LOOK'S LIKE A GOOD ONE TO ATTEND.

Talk up car pools to get to the event.

EUROPE VIA 28 MHZ

The ARRL is interested in details of any reception or two-way work with Europe on 21, 28, or 50 Mhz during summer, 1975. Several instances have already been observed on 21 and 28 Mhz. The German beacon, DL/DIGI, 28.195, was heard in June.

Since we are now in a very low state of solar activity, any such propagation would be due to multihop sporadic-E propagation. During higher solar activity, F-layer propagation could provide the above mentioned paths.

South American stations have been heard in the Tri-state area on 50 Mhz during July. It is not known if any contacts were made. Such stations usually operate on a.m. and talk in Spanish.

Sporadic-E propagation is completely independent of the solar activity. The solar activity accounts for high-latitude F-layer propagation. Solar flux/sunspot number readings have been at an all time low recently - reaching 66 in June 1975.

If you're interested in these solar flux readings, you can hear them on WWV transmissions at 14 minutes past the hour. Reception of WWV itself gives some propagation information - if you hear the female voice announcement, it's WWV in Hawaii. Both Hawaii and Denver are sometimes heard simultaneously.

An excellent article on interpreting the solar flux readings and predicting good DX conditions appears in the August 1975 QST. Any DX'er should at least scan through the article.

BUY SELL SWAP BUY SELL SWAP BUY

SELL: Rohn HB25BG house bracket. Brand new. Lists for \$10.40; sacrifice for \$8.00 Contact: W8KIIY, Dennis Lampe at 451-2864

CINCINNATI HAMFEST

Sunday, Sept. 21, 1975 (no rain, please)

Directions: West on I-74 to Rt. 128. Miamitown exit (one exit past Rybolt-Harrison Pk exit). Right at exit on Rt. 128 to hamfest location.

MEMBERS' TOWERS GO UP

70° Rohn Fold-over W8KIIY  
40° Heights aluminum WA4SKP  
100° Rohn self-support W8CGS

ALUMINUM TOWERS (cont.)

Under the new rating, such a tower (90') will support only a medium size TV antenna.

Why did they change their ratings? Maybe it was because too many of their towers were going over in the wind - and maybe they were proved at fault.

In Universal's new ratings, a map is shown giving wind loading zones for the U.S. This is the same map already being used by Rohn in their ratings. Rohn manufactures steel towers - both amateur and commercial, their #25 being the most popular in the amateur installations.

Aluminum towers still have some advantages over steel towers - the biggest being the self-supporting feature(?) Universal is not the only manufacturer of aluminum towers. Heights Manufacturing Co. also makes them. The Universal tower comes in 10' sections, whereas the Heights' comes in 8' sections. Heights also makes crank-up and fold-over (above ground level) models.

A number of Heights towers are used by local amateurs - the largest being a 100' one supporting 4-8 element on 6 mtr.

COMMITTEE FOR AMATEUR RADIO

P.O. BOX 40201  
FOREST PARK, OHIO 45240

BUY SELL SWAP BUY SELL SWAP BUY

SELL: Rohn HB2BG house bracket. Brand new. Lists for \$10.40; sacrifice for \$8.00 Contact: WASKY, Dennis. Lamps at 451-2864

CINCINNATI HARBEST

Sunday, Sept. 21, 1975 (no rain, please)

Directions: West on I-75 to Rt. 128. Hamilton exit (one exit past Rypolt-Harrison Fr exit). Right at exit on Rt. 128 to Harbest location.

MEMBERS: TOWERS GO UP

100' Rohn self-support  
40' Heights aluminum  
70' Rohn fold-over

SEPT 75

BITS AND PIECES

- NKARC wishes Bob Pentz, K4DMA, a quick recovery from his recent surgery.
- W8KLY called CQ to test out his new antenna installation (triband beam and stacked 11 elements on 2 mtr on 70' tower) and had two Australians come back to him. He still didn't have his rotor hooked up!
- WA4SKP is still digging ditches - for his 40 foot tower installation.
- WB4FAT has completed his move to Oxford, Ohio. Gary still talks to locals on 2 mtrs though and commuted to the August NKARC meeting. He and his dad, Dick-WA4KUB, traveled in Europe this summer and used 2 mtrs to keep in touch. They also made a lot of new friends via amateur radio.
- WB8HYP travels the farthest to attend NKARC meetings - Joe lives in West Carol-ton, Ohio (near Dayton).
- Steve Starke takes his FCC exam soon - good luck Steve.
- K4JVW is thinking about getting a low-band rig for his car - maybe the new Atlas. Bill travels all over the country on business (which causes him to miss most of the club meetings). Listen for his call with a '4' behind it.

NON-PROFIT ORGANIZATION  
U.S. POSTAGE

P A I D  
Cincinnati, Ohio  
Permit # 1866

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