

C R O S S T A L K

IS

THE OFFICIAL ORGAN OF THE GLOUCESTER COUNTY

AMATEUR RADIO CLUB INC.

February 1961

Vol. 3

No. 2

Crosstalk staff;

Bernie Cohen, K2OJX.....Editor

Woody Frantz, K2AQL.....Ass't Editor

CONTENTS

ARRL Bulletins.....Della Parker, W2AFZ

DX Column.....Wayne Wood, W2SUA

Council of Amateur Radio Clubs of Delaware Valley....Wayne Wood, W2SUA

Experimenter's Scratch Sheet.....Woody Frantz, K2AQL

Minutes of Board of Director's Meeting of Jan. 18th..Paul Walton, W2YNR

Swap and Shop.....Paul Walton, W2YNR

Printed and Published by.....Eric Walton, W2TMO

And David Walton

ARRL BULLETINS

For all DX workers and amateurs interested in the ARRL Countries ~~list~~, the following information with effective date of change in the list is now announced. Detailed information will appear in the March issue of QST.

BT

BT

BT

February presents an excellent opportunity for every amateur to test his frequency measuring skills by participating in an ARRL frequency measuring test. WLAW will transmit signals for measurement at 2130 EST Feb. 15, 0230 GMT Feb. 16, on approximately 3666, 7009 and 14,050 KC. A second series of test signals will be transmitted at 0030 EST, 0530 GMT, Feb. 16 on about 3636, 7045 and 14,135 KC. Each participant will receive an individual report comparing the accuracy of his measurements with those of a professional frequency measuring laboratory. Further FMT details will appear on page 75 of Feb. QST.

de Della W2AFZ

HERE AND THERE

The annual Club party was held Jan. 14th at the Owens Illinois Onized Club room. Approximately 70 people who were there had a real good time. The oven in the kitchen did not have the charm this year as in by gone days. It was'a used to heat'a meat'a balls.

Tad W2CKX and his XYL Nancy Deuber are leaving for a Miami vacation during the fore part of Feb. We wish them a good time. Tad is taking his Heathkit "Sixer" with him. We wish him lots of contacts in W4 land.

The recent high winds have damaged Jimmy's K2S JL beam. This is the one he had mobile on a push cart in the front yard for some .

Our TVI committee recently had some rewarding experiences in Cooper Village. The TVI problem was cured reports Geo K2SOL and Chas. K2PQD, of our intrepid TVI committee.

Woody K2AQL is still snowed under after these many months as to why his new home brew rig isn't loading up properly.

CLUB MEETING NIGHT

The club meeting will be as usual at the Owens Illinois Onized Club house in Glassboro. The time is Wednesday night Feb. 1st at 8:00 P.M.

CD NET

The CD net is conducted every Friday night at 9:30 P.M. with W2KE call sign for net control. on the following frequencies.

28.57 Mcs.
50.52 Mcs.
145.44 Mcs.

This is the time of year when the DX minded fraternity start talking to themselves (some of these boys are getting answers) making last minute preparations necessary to get everything in perfect working order for the coming APRIL DX Contest.

In the count down some are not as fortunate as others in having their equipment in top shape for the big test while others may feel their equipment falls far short of what they think is necessary to work the contest. For these reasons the contest may look less appealing as it draws near. On the other hand the fellow with everything in his favor may assume an air of complete confidence, only to have it shattered in the early hours by losing his modulation xmfr or any one of many disasterous time consuming breakdown.

In any event, no matter what happens. equipment failures, poor propagation conditions, etc. will only help to give the participant valuable experience toward planning for another attack.

Try the contest regardless of your estimation of your station's DX ability, make an honest effort and you might be much the wiser for it.

The contest dates are as follows:

PHONE February 3-5 and March 3-5

CW February 17-19 and March 17-19

See QST January, 1961, Page 77, for starting time and rules.

De Shorty, W2SUA

COUNCIL OF AMATEUR RADIO CLUBS OF DELAWARE VALLEY

This is a day of trade unions, societies, etc--all large scale movements to promote advancement of a particular group. By banding together under one head usually more progress is made as a result of combined effort towards the common goal.

So it is with The Council of Amateur Radio Clubs of the Delaware Valley.

Individual clubs have been faced with tasks requiring effort greater than possible to obtain from membership.

Need for a central office for amateur radio clubs was recognized and the Council was formed--by delegates representing participating clubs in the Delaware Valley area.

They are a serious minded group dedicating themselves to serve the amateur radio operator and their respective clubs. They will in no way dictate to or compete with other clubs.

Notable achievements have been the now famous TV show on WCAU last April and the two station Amateur Radio Display in conjunction with United Nations Week last October. Another TV show is now in the planning stages. presumably for an early showing.

Ideas are in planning for greater aid to clubs, program material, news of local interest and a club directory.

De Shorty, W2SUA

THE EXPERIMENTER'S SCRATCH SHEET

It was discovered during the recent tornado at Barnsboro and Sewell that a need exists for an emergency Two Meter folding type antenna for use on official cars and ambulances. A prime requisite would be something that could be attached to any car in a hurry and not to scratch the finish of that car. The most logical antenna of course is the ground plane vertical with suction cups for attachment. Herein is described the construction of an antenna that fulfills our requirements and also the antenna that was used by the writer for evaluating the Heathkit Tower for mobile CD work.

The materials for the antenna are 8 feet of #10 cinned wire, a PL259 coax connector, a length of brass tube that fits over the center solder terminal of the PL259, a length of brass that telescopes inside the above tube (brass tubes are sold at hobby stores), 4 large wire lugs, a 1 1/2 in. X 4 in. piece of cadmium plated steel or brass sheet stock and 5 suction cups (Penn Jersey Auto Stores for 9¢ @). First fabricate the base bracket as in Fig. #1 and bend as in Fig. #2. With a large soldering iron, tin the area around the 5/8 in. hole on the base bracket. Then tin the mating surface of the connector and solder the PL259 to the bracket as shown in Fig. #2.

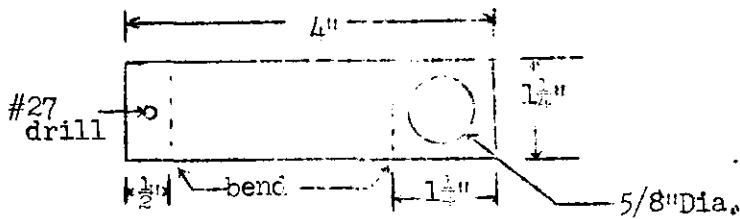


FIG. #1

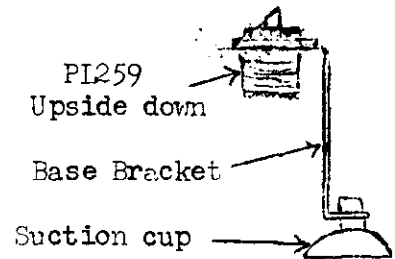


FIG. #2

Prepare 4 radials by soldering lugs onto the ends of #10 wire to form a total length of 22 inches from the tips of the lugs. Now solder the radials to the PL259 as shown in Figs. #3 and #4. Solder the larger brass tube onto the solder terminal of the PL259. Slide the smaller diameter tube into the larger one and adjust the tubes for 19 1/8 inches above the connector as shown in Fig. #5. Secure this dimension with solder at the end of the larger tube where entered by the smaller. Attach the five suction cups and the antenna is complete. The radials may be bent up against the vertical element for storage.

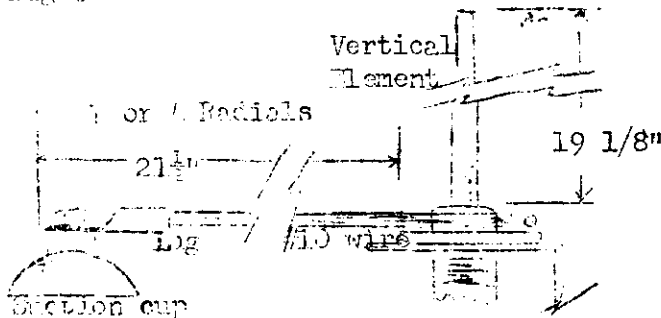


FIG. #3

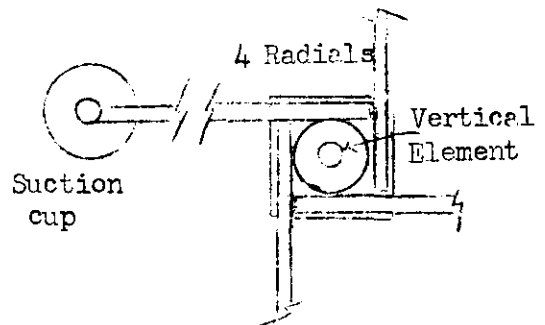


FIG. #4

Anyone desiring more details on this project will be able to see the prototype at the next club meeting on Feb. 1st.

de Woody K2AQL

MINUTES OF THE BOARD OF DIRECTORS MEETING-- JAN 18, 1961
Home of D. Parker

Present: W2CQK W2KE W2CKX W2SUA
 W2AFZ W2YNR W2MMD

The minutes of the regular meeting were read and approved.

Committee Reports

Affiliations:

W2SUA reported on his attendance at the Council of Radio Clubs of Delaware Valley. He presents his impressions of the group and recommended affiliation. After some discussion that the Gloucester County A.R.C. become affiliated. The vote was unanimously affirmative. W2SUA will write a section for Cross-Talk explaining the function of the council and the benefits this club, and amateur radio in general, may receive from it.

Special Events

W2KE presented a report on his meeting with members of Cumberland and Salem County Amateur Radio Clubs. He reported favorable progress on the possibility of a joint meeting. This subject was discussed as well as inviting the Cumberland Co. club to our next meeting. They temporarily have no meeting place. The possibility of a joint Ham Fest was also discussed. Van will continue his efforts along these lines.

Birthday Party.

W2KE reported a net party cost of \$62.44. He will present a detailed bill to the treasurer and disburse the money appropriately. Thanks are due Mrs. Turner, Mrs. Mason, Mrs. Walton, Mrs. Deuber, Mrs. Peterson, and all those who helped make the party a success.

Program.

W2GQK will continue his discussion of antennae feed systems.

C.D.

W2KE reported that no further amateur activities will be permitted from the C.D. control center. C.D. was discussed at length with emphasis on the possible move to 220 Mc. Van offered to present a talk on C.D. problems at some future meeting.

Publicity

The secretary (W2YNR) was requested to send meeting announcements to the local papers.

Cross Talk.

It was suggested that the editors of Cross-Talk be invited to attend the Board of Directors meetings.

Q.S.L.'s

W2YNR regrets his inability to provide rapid and reliable QSL service due to business and moving problems. He suggested that from now on the cards be purchased from him (or other members to be announced) and that printing be taken care of by the purchaser. The suggestion was accepted.

The meeting was adjourned at 2245P.M.EST, after which refreshments were served by W2AFZ.

Respectfully submitted

W2YNR

SWAP AND SHOP

W3ulp/2 is looking for a 300 watt modulation transformer. Contact thru W2YNR

WA2KGD has for sale

- Gonset G-50
- 30 ft. mast
- Alliance Rotor
- Low Pass Filter
- JT30 Mike

-#250-

For Swap & Shop items contact

W2YNR
K2AQL