



CROSSTALK

THE OFFICIAL ORGAN OF
THE GLOUCESTER COUNTY AMATEUR RADIO CLUB IN.

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MEETING NOTICE

The Gloucester County Amateur Radio Club Inc. monthly meeting will be held at OWNES-ILLINOIS CLUBHOUSE July 5th at 8:00 P.M.

HAMFEST

The Hamfest will be held at Mollia Farms in Malaga. This is the same location that we had last year. The date is Sept. 17th. Advance registration will be \$1.00 and \$1.50 at the gate. These prices apply to both members and non-members. A registration is required for each ham or family. If two hams are in one family, two registrations are necessary.

FIELD DAY

930 contacts were made on all bands. This was the unofficial count made at the site on Sunday afternoon. The rigs set up were as follows:

Band	Receiver	Transmitter	Antenna
2 mtr.	Communicator		8 El Beam
6 mtr	Conv. & HQ110	Seneca	5 El Beam
10 mtr			
15 mtr	HQ 170	Viking I	Hornet Tri-Band Beam
20 mtr Fone			
20 mtr CW	75A4	E&W 5100	1/2 wave
40 mtr	SX 101	DX 100	1/2 wave
80 mtr	SX 96	Apache	1/2 wave
160 mtr	HRC	DX 100	Long wire

930 contacts is better than last year's results, However, we would have faired even better if generator trouble had not plagued the 20 meter set-up. Due to High Voltage from the generator a 75A4 and the E&W 5100 were damaged. We could have also done better on 160 meters with a better antenna. A 1/2 wave doublet would have reduced the high noise level for better reception. The 40 and 80 meter groups combined contacts accounted for nearly 70% of our contacts. We had officially 26 operators participating in the field day operations.

SCHEDULE FOR CD DRILLS

C D drill schedule for the next few months is July 14th and Aug. 18th starting at 9:30 Pm local time. The normal weekly Friday night CD drills will resume starting on Sept 8th.

HOME BREW CONTEST

The Home Brew contest dead line for completing your project will be in December. For further details concerning the rules etc. see Wally Martin the contest chairman.

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NEW MEMBERS

We wish to welcome several new members to our club. I am sorry that I did not know their call signs.

David Roberts
Allan Engler
Helmut Liebfarth
W. Scoot Thomson
W.D. Thomson

Helmut Liebfarth is Ed's father. Helmut will be on 6 meters with an antenna on a 60 ft tower.

COFFEE AND DOUGHNUTS

The coffee and doughnut will be free to everyone after each meeting in the future. We wish to thank Bill Uhland for the fine job he is doing every month in the kitchen.

Doug Gehring was presented his call letters on a luminous bumper sticker for his car, at the June club meeting. This presentation was awarded to him for his excellent efforts in conducting the recent code classes at the Pitman High School.

Glen Morgan has recently received his general class ticket. Glens QTH is in Williamstown.

BOARD OF DIRECTORS MEETING SCHEDULE

The Board of Directors monthly meeting schedule for the remaining part of 1961 is as follows.

July 19th	Horcse Simpson,	
Aug 23rd	Chas. Sketchley	
Sept. 20th	Van Turner	Near Pitman Country club and Barnsboro
Oct. 18th	Della Parker	
Nov. 22nd	Tad Deuber	

Bernie Cohn recently had an addition of a new harmonic in the family.

John Walton K2LFZ has a new QTH in Camden

HAMFEST SWAP AND SHOP NOTICE

Will anyone having equipment to sell at the Hamfest or wish to help the committee contact Samuel H. Boston

SWAP AND SHOP

Wanted Hornet Tri-Bander Beam contact Tad Deuber W2CKX

CHAPTER II

EIGHT LITTLE, NINE LITTLE INDIANS

What was your answer to Mr. Madguy's question "Why should I spend a cent? You do it" (Pay for the service call, or install the filter.) You see, the TV set owner has, in his own mind, paid the last cent he expects to for the best T.V. he can buy. Now your telling him in effect that his been had-or so he thinks. And wait until your TVI complaint comes for a man who works for the set maker!

You have to assume (dangerous!) that Mr. Madguy can still be logical about this, but here is a tried and trusty answer. "You can see from what we've been saying that the fault isn't with my transmitter, because the F.C.C. would clobber me in a minute if it were. So what you're asking me to do (pay for the service call) is not only to get you free a \$5.95 piece of equipment, but then to pay for putting it where your set maker should have in the first place. You see, the F.C.C. (the more you mention Fox Charlie Charlie the better!) says that the T.V. set makers know they should do this, but they take a calculated risk. Out of the thousands of sets they make, how many do you suppose might land, like yours did, near one of the 200,000 hams in the country? And a filter that might cost \$3.50 at the factory, installed, could raise the final cost of the set as much as \$25.00 or so by the time you figure in labor, mark-up for the Distributor, the Dealer and all the other people who get into the sale. That's why your set needs this filter-just a matter of economics. And since you are going to get the filter free from the set maker, doesn't that prove he knows his sets are not as perfect as they might be? Putting the filter in only takes a couple of minutes, and there won't be any parts charge, just a service call."

This leads to the other related question; "Well, why don't you install it?" If you want to take a chance, go ahead. But we don't recommend it. First of all, let anything go wrong with that TV set for the next six months, and who do you think will be blamed? Second, your neighborhood servicemen get touchy if they think you're doing them out of a service call. Use the first fact to avoid the second. Don't get your fingers into the goodies. Leave it to the service man. And if your neighbor is adamant about not spending a cent, tell him you'll see that he gets the filter as a courtesy, and that your responsibility ends there. Exit gracefully (if possible) and go on the air when you please. Eventually, he'll figure that he has the filter, and he might as well install it. As a matter of fact, if you show him how easy it is, Mr. Madguy just may do it to save the dollar or two he's so worried about! But don't you do it for anyone less closely related to you than your landlord or your wife's Cousin Jake.

Fifth Lurking Redskin - "You must be interfering: my TV looked (or sounded) awful last night!"

Just maybe you'll be lucky. Last night may have been the night your fried your final (these things do happen) Or maybe it was meeting night at the Club. Anyhow, quickly explain the log and what it must show by law. Prove you weren't anywhere near the mike or the key if you can - and half the battle is won. Then try this, "you know, there are many things besides ham stations that can interfere with a TV set, but hams usually get the blame. (you can't duck it if he or she has heard your call signal, bub.) I'd like to help you find out what is interfering with your set. What does the interference look (or sound) like?" Many times you can identify its source - like a fluorescent

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light in the next room that drove our committee bats for a while, or cars going by. Look around for a second set in the house thats beating against the one complained about - or an FM radio. An try to describe "typical amateur interference patterns" so they can compare your description with what they have on their set. You may end up with a clean bill of health. (The ARRL publishes "Patterns of Interference" - a chart you can get for the asking.)

Sixth Indian from the neighborhood warpath is "What d'ya mean its my set?"

"Well, Mr. Madguy, I have two sets at home. One is right in the same room with my transmitter and nothing interferes with it. I'd like to ask you to come over and see for yourself, (Better be sure your own T.V. is clean!) And I'd like to show you how a ham station is built and filtered so that it won't cause interference. (In the rare event that he does come over, contrast the shielded chassis of your rig with the open construction of T.V. sets. Compare co-ax with T.V. wire and lead-ins. Show him your low-pass filter and explain it in layman's language- of course you have an L P filter in the line, don't you?) If he won't come over - quite likely - talk him through what you would show him. Then add on as many cases as you can from the neighborhood of T.V. sets that aren't being interferred with while his is bothered. Makes him think, anyhow. Tell him you actually gave your phone number over the air and asked for interference reports (if you did - remember he hears your transmissions!) Tell him how you checked various neighbors and they said "No interference".... mentioning makes of sets and approximate age if you can, and another redskin bites the dust!

Thats it for this month. Educational, isn't it?? By the time you finish the last chapter you should be an expert, Hi!

73's

K2SOL

A NOISY COKE MACHINE INSPIRED EDITORIAL

Anyone who has been attending the club meetings lately will agree that we have had some excellent program material. The gentleman who gave the talk with movie film and slides at the June meeting was exceptionally good. Many of us who attended enjoyed it. He seemed to be able to do a fine job of talking in spite of the distractions caused by some members who were talking instead of listening and others who were operating the coke machine that appeared to be out of order.

The program committee puts forth considerable effort to arrange for speakers and other forms of entertainment for our club meetings. I feel that there is far less effort required to be polite and be considerate of others so that speakers will feel that they are appreciated for their efforts.

I feel that it would be a good policy for everyone to refrain from using the recreational facilities, the coke machine and talking during the business or the entertainment portion of the meeting that follows.

Being hopeful that this will be the last of this type of editorial.

de K2AOL

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OFFICIAL BULLETIN NR 803

FROM ARRL HEADQUARTERS WEST HARTFORD CONN JUNE 9 1961
TO ALL RADIO AMATEURS BT

ARRL recommends and urges that all U.S. and Canadian amateurs voluntarily avoid any use of the 14335 to 14350 KC frequencies to permit better DX for all concerned. It should let amateurs in other countries work U.S. and each other with optimum success. The high end frequencies get more SSB use, those at the low end more AM use, and keeping the 15 KC at the top end for DX should strengthen this traditional pattern of use and benefit for all. There will be more in July QST on reserving the high end of 20 for SSB DX. All amateurs are requested to put this plan into effect immediately and it is suggested all amateurs outside W/VE land answer only calls from W/VEs working below 14335 KC AR

OFFICIAL BULLETIN NR 804

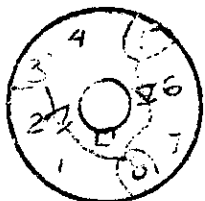
FROM ARRL HEADQUARTERS WEST HARTFORD CONN JUNE 15 1961
TO ALL RADIO AMATEURS BT

The attention of amateurs interested in DX work is called to the addition of two countries to the ARRL Countries List. These additions are DAMAO and DIU, Portuguese territories situated on the west coast of India. Each of these will be considered as separate from each other and from the present listing of Goa. DXCC credit claims for either of these additions received before October 1, 1961, will be returned without credit. DXCC Notes in August QST will carry further data on the additions of DAMAO and DIU to the countries list AR

ELIMINATION OF THE OZ4 IN MOBILE VIBRATOR SUPPLIES

There are many car radios and mobile B plus power supplies in use today using the OZ4. This full wave rectifier is a gas filled tube that does not require filament power. Two major complaints are frequent replacements required and 90 ma. maximum current rating which is often exceeded in some equipment. The voltage drop in the OZ4 is 24 volts. Low cost silicon diodes are now available that far surpass the advantages of the OZ4. One such diode is the 1N1696 which sells for \$1.20. This diode is good for over 250 ma. in a normal power supply circuit and 1/2 volt drop across it.

By buying two 1N1696's and a male octal plug and wiring these parts as shown below you can replace the OZ4 without changing anything inside of your power supply. The total cost will be about \$2.50 as compared to \$1.20 for each OZ4 which will have to be replaced many more times than that of silicon diodes.



MINUTES
BOARD OF DIRECTORS MEETING
HOME OF JIM PECK
June 21, 1961

Present: K2SQL K2AQL W2CKX W2LVW W2KE
 W2AFZ K2PQD W2MMD WA2ECR

Minutes of the previous meeting were read and approved

MEMBERSHIP- The names of four applicants were read by Milt Goldman, and unanimously approved. Names were : Allen Engler W2RFO, Helmut C. Liebfarth, WA2LTY, W.Scott Thompson and W.D.Thompson.

PROGRAM- Van Turner reported that Jack Sterner has a Tentative program for next meeting night. Van suggested a tour be arranged of the Columbia Record plant in Pitman. Other suggestions were another trip thru Owens-Illinois at Glassboro, also a trip thru Kimball Glass. Jack Sterner is to be given the information for further thought.

AWARDS - No report.

TVI - No report.

CIVIL DEFENSE - Van Turner advised the O.C.D.M. Bulletin will soon be issued giving the new C.D. frequency allocations. Net C.D. drills for the next two months will be July 14 and August 12.

LICENSES - No activity in the past month.

Fam Shack - Nothing to report.

Fam Fest - Jim Peck reported the firm date of September 17 at Molia Farms at a cost of \$35.00. If we wish, Molia Farms will provide ice cream at 9¢ a block and soda at a \$1.50 a case already iced, but it was decided that we would handle these items directly with the wholesaler.

The admission charge was fixed at \$1.50 at the gate, and \$1.00 in advance. Charge will be made by call letters.

SPECIAL EVENTS - No report.

FIELD DAY - Mal Mason advised that everything was "all set". Tad Deuber reported that inasmuch as only three (3) persons indicated they would be staying overnight, he was not in a position to judge the amount of food needed, and felt that it would be unnecessary to have cooking facilities. To forestall this situation in future years, it was suggested we send a form to each member for them to use in advising the Committee of their plans to stay overnight or not.

CROSS-FA LK -Woody Frantz said that due to Field Day activities, the publication would be late this next month.

NEW BUSINESS --A motion was made and seconded that at our regular meetings refreshments will be furnished free of charge. - starting with the July meeting..

OLD BUSINESS --Milt Goldman was unable to "scrounge" a rubber stamp to mark "TIME VALUE" on the CROSS-TALKS, so he was advised to buy one.

The corresponding sec'y was authorized to send Will Dolby a sympathy card due to the death of his father

The schedule of Directors' Meetings was made up for the rest of 1961 up to December. Schedule follows:

July 19- Horace Simpson
August 23 - Charley Sketchley
September 20 - Van Turner
October 18 - Della Parker
November 22 - Tad Deuber.

Meeting was adjourned at approx 2130 edst, and refreshments were furnished by George Stuart and his XYL.

Submitted by: Della M.
Parker in the absense of Paul Walton,
Sec'y.