

Crosstalk is published monthly by the
GLOUCESTER COUNTY AMATEUR RADIO CLUB

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CLUB MEETS

2 M FM	78-18---Sunday, 8:00 PM Local Time
6 M AM	50.9----Sunday, 8:30 PM Local Time
10 M RAG CHEW	28.8----Friday, 9:30 PM Local Time
15 M Slow Net	21.175--Friday, 7:30 PM Local Time

MARCH MEETING: WEDNESDAY MARCH 2ND, BEGINNING AT 8 PM. PROGRAM SEE PAGE 3.

**DEADLINE FOR SUBMISSIONS FOR THE APRIL ISSUE IS SUNDAY, MARCH 20TH, 1977. PLEASE MAIL ANY CONTRIBUTIONS TO RAY MARTIN, WB2LNR,

PRESIDENT'S CORNER:

I take this opportunity to extend my appreciation to Mark Wilson, WB2OSQ, for his work as Editor of our CROSSTALK for the past couple of year. In spite of his pleas for news (unanswered by most of our members) he managed to keep the Club informed. It's a labor of love, especially for a busy man. Now, making final preparations for his career has caused him to place his efforts in this direction.. We wish you well, Mark, in the fulfillment of your objectives. We thank you for your service to GCARC and look forward to your full participation again in the near future.

Jim Buzby, WB2GJH, has revised the 15 meter slow CW net. This is an important Club activity because it is the only outlet we have for new hams (and some older ones) to develop their code speed beyond the initial 5 words per minute required for their novice licenses. There were five CHARTER participants at the first net meeting: Jim, WB2GJH, Jack Kessel, WA2VCZ, John Brehm, WA2CAJ; Fred Cowgill, WB2GEK; and Herb, K2HPV. Not any new novices, but with this chew it was still pretty slow going. However, it was a good session and I promise to get my code speed up so as not to hold back the others. It is the purpose of this net, also, to acquaint our members with CW traffic handling but more participation is needed before this can be accomplished. Remember, the net meets on Friday Evenings at 7:30 PM local time on 21.175 Mhz. Jim will be looking for you.

de Herb Schuler, K2HPV

DUES:

Dues remain: Full Member \$9.00 payable at the rate of \$.75 per month with the provision that the payment of \$7.50 is paid during the months of January, February, or March will be considered as payment in full for the fiscal year.
Associate member \$6.00, payable at the rate of \$.50 per month. Payment of \$5.00 if made during January, February, or March. The initiation fee shall be \$1.00.

EDITOR'S NOTES:

Don't forget gang, that we have a "Classified section" and with the new associate members that we now have studying to get their ticket, we have an outlet right here to buy and sell. Take a few minutes to jot it down on a post card and send it to me.

Also, don't forget that we are looking for better meeting facilities. this isn't just a committee oriented search, but should be the combined effort of all.

QRU ? - RAY MARTIN, WB2LNR

"A SALUTE TO OUR FOUNDER, MR. VAN TURNER."

It hardly seems possible that some five years have slipped by since Van last attended a regular meeting of GCARC (having moved to Delaware in 1972). Nevertheless, through numerous lines of communications, he kept close contact with the Club, its activities, programs, and health. A great source of satisfaction and pride was the continual growth in membership and fellowship within the Club particularly during the last few years. Thus, Van's departure cannot be portrayed as the end of an era, or the completion of a first milestone for GCARC; for the legacy he left behind was never stronger. In no small measure, the strength of our club today is a reflection upon the spirit, drive, and leadership of its founder, first President, and premier Director for some 10 years. He had that rare gift of natural leadership. He was a seemingly endless storehouse of ideas, gimmicks, and inspiration. Perhaps his some 60 plus years as an active Ham, his service to his country in two world wars, his experience as an Air Force Major, and later his activities with the County combined to give us this dynamo of energy. If ever a Club had an Elder Statesman within its ranks, there is little doubt that Van filled this bill to its fullest. The Club presented Van with Honorary Membership in 1972, a status richly deserved.

Van was truly the embodiment of the classical Ham Radio operator. Knowledgeable in all phases of communications, electronics, message handling, regulations excellent on-the-air technique, a perfect gentleman both on the air and off. But Van was not all business, he was also the life of every social activity, could remember every story, and his sense of humor was always present. His assistance to the new Ham, or his help to a fellow Ham in need was well known throughout the fraternity.

Van is gone but certainly will never be forgotten by all who knew him. Our deepest sympathies are extended to Lil and Barbara.

73's WA2NPD/5 Doug Gehring

In reference to the above article the Club has been receiving gifts (money). The Board of Directors has decided to initiate a Memorial Fund in behalf of Van Turner. At present, thoughts on the matter tend to agree on an award of some kind. If you are interested in contributing--please do.

CONTEST CORNER:

VHF SWEEPSTAKES:

Another new club scoring record was set by Ray, WB2BZY, in this year's SS, breaking his own record set in 1975 by over 1200. Nice job, Ray! The club total of 17,733 is also the highest in a long time, but could have been higher if all club members who participated had submitted their logs. Thanks to those who did, and to those who helped out by giving other members contacts.

STATION	QSO	SECTIONS	TOTAL
WB2BZY	264	5	7905
WB2FJE	131	4	3668
WB2LNR	105	6	3360
W2FBF	100	4	2800

MARCH PROGRAM:

The program for the March GCARC meeting should prove to be both informative and entertaining, it is "Communications and National Defense" presented by Mr. Uly Keener of Bell Telephone Co. This will be a presentation about the North American Air Defense Command (NORAD) which is a joint operation of the defense forces of the United States and Canada, comprised of radar stations, fighter interceptor squadrons and missile units.

During this presentation, Mr. Keener will be in contact directly with a NORAD officer at Colorado Springs, Colo. discussing the development of one of the world's most sophisticated communications systems. Hope for warm weather and plan to be there on March 2.

Bob Meis, K2JRU

RIGHT AROUND THE CORNER:

Are you getting ready to update that antenna farm in your yard? Did your life tell you to get that monster off of Her roof? Well if you find yourself in that dilemma here is the solution, donate that unused antenna to the club. In an effort to make Field Day more of a club function and take some of the burden of the Band Chairmen, the club would like to get 10-15-20 meter beams to be used for Field Day.

It has been the responsibility of the band chairmen to find a suitable antenna consequently its also hard to find band chairmen. If you have something that you would like to pass along to the club, contact me at the next club meeting.

Bob Meis, K2JRU

A CERTIFICATE OFFER:

Would you be interested in knowing how to obtain a decorative certificate for your ham shack? Read on - - -

Club members should submit a list of 15 contacts made with GCARC Club members, showing their call letters, names, date of contact, band, and fone or cw. (The ham must be a Club member at time of contact.) If your list is O.K., you will receive an engraved certificate (8½ X 11).

If you are interested in adding additional color to that certificate, contact 15 additional members, and receive a blue seal and ribbon to affix to it. Same rules apply as for the first 15 contacts.

Now - lets get down to serious business. 20 more contacts will get you a gold seal. 10 additional equals a green seal. 10 more a red seal. 10 more a blue seal. 10 more a bronze seal; and, finally, 10 more, or a total of 100, will get you a platinum seal.

This Certificate of Achievement has been available to GCARC Club members for 17 years. During that period of time, 92 members have applied and received this certificate plus the colorful seals.

Why not count up your eligible contacts, and submit them to me, and see what you get in return!!!

Della Parker, W2AFZ, Awards Chairman

DAY HAMVENTION - APRIL 29. 30, MAY 1, 1977

(HR Mag.)

Planning to go to Ohio this year? If so, and you haven't as of yet received conformation of where you are staying, get in touch with Mr. Steve Stith 9373 Sheehan Road, Dayton, Ohio 45459, Area Code 513-435-2582.

Effective April 1, 1977 the ARRL Dues will be raised to \$1200 a year.

The ARRL Board of Directors has established a VHF-UHF Advisory Committee. The group will be doing work on spectrum utilization, ATV, Satellite and EME communications. First order of business is a 1215 Mhz. Bandplan. (HR RPT.)

Want a new country on 160?? If so, start looking for Yugoslavia. As of January 1st., of this year they are "AGITATING THE IONOSPHERE." The big gun so far is YU1PCF. (HR RPT.)

PROPAGATION MADE EASY (CQ MAG.)

With the daily propagation forecasts no longer available on WWV, something good has come along for the very interested; called "MAIL-A-PROP" MAIL A PROP forecasts are based primarily on a detailed analysis of solar, geomagnetic and ionospheric data. They consist of both day-to-day forecasts of general conditions and detailed band predictions for specific major paths to each area of the world from the United States. The forecasts are customized for each time zone in the U.S. The format of the biweekly newsletter changes a bit with each issue, so that over a short period of time, band-by-band, continent-by-continent and major time periods throughout the day are covered with detailed forecasts and analysis. Short skip forecasts are

PROPAGATION (Cont'd.)

usually given monthly. The Mail-A-Prop forecasts cover the h.f. amateur bands from 160 through 10 meters, and apply also to adjacent bands used for broadcasting and other services. Mail-A-Prop's subscription list consists of radio amateurs, short wave listeners and commercial users. Newsworthy items concerning radio propagation, solar activity, progress of the sunspot cycle, vhf ionospheric openings, schedules of meteor showers, etc., are also included. Mail-A-Prop is used every other week, covering a two week period in advance, on a day-to-day basis. The forecast period begins on a Tuesday, and the newsletter is sent via first class mail, or airmail if necessary, to reach subscribers well before the forecast period begins. This is designed primarily for use in the continental USA, Canada and the Caribbean area. There are, however, satisfied subscribers throughout the world. The forecasts have achieved an accuracy close to 90% during the past three years. Mail-A-Prop is the most complete propagation forecast now available for the H.F. bands. It is in a convenient and easy to use format, and it is written in plain language so that it can be understood and used with ease. For radio amateurs an annual subscription of 26-issues is \$25.--, postpaid. A two-month trial subscription of 5 issues is available for \$5.00, postpaid. To get in on this bandwagon one should send a legal-sized self-addressed stamped envelope for a free sample copy to: Mail-A-Prop, 11307 Clara St., Silver Spring, Md. 20902.

NEW NAME:

Personal Radio Division is the new name of the FCC's Amateur and Citizen's Division.

EVENTS: Feb. 27 -- Lancaster Hamfest.

CLASSIFIED SECTION:

- FOR SALE: Headthkit HM-2102 SWR and Power Meter., A Solid State Keyer 10 to 50 w.p.m. out of ARRL 1970 handbook, page 214. Call Ray Martin, WB2LNR
- FOR SALE: GTX2 2 Meter FM Transceiver 8 sets of xtals, holds 10. Call John Stull, WB2JZX
- FOR SALE: 6 Meter Swan 250 SSB-AM-CW. Call Al, WA2GFQ
- FOR SALE: KLM Multi-7. 2 meter FM Transceiver. 6 sets of xtals, holds 23 sets. Call Curt, WA2JSG,
- FOR SALE: 2 meter Clegg Venus, AM-CW. Call Al, WA2GFQ

MEMBERS, 85 STRONG, WHERE ARE YOU? by Rose Ellen - Club Treasurer

To grow and thrive in the Gloucester County ARC requires the efforts and talents of all members working together to help each other grow and reach our goal of the best radio club in the Atlantic Division.

Our paper, Crosstalk, is also dependent upon the membership. This medium of exchange for our club has an excellent staff of our 85 writers--our members. Yet, only three or four submissions are regularly received by our Editor each month. That's not so many submissions from which to draw content for each issue of Crosstalk to be published each month for you to receive and enjoy.

MEMBERS, 85 STRONG (Cont'd.)

What are the requirements for submissions to the editor? No format is required, just jot down your thoughts and Ray will be most happy to put it in a form that will fit the space he has in any given issue. What about writing talent: One need not be a professional writer to have an article considered for publication. Material is only rejected if it is tired, trite, or of interest to a limited number of persons according to the rules stated for true journalism. Material is never rejected for style or form if it is original or has enough interest to merit extensive re-writing or editing. How about putting down some of your radio experiences and let Ray show you the results for the next issue of Crosstalk?

What about content? As a guide, what do y-o-u like to see in the paper? Put in the things you enjoy and you would be surprised at how many others will enjoy the same.

Other members enjoy reading much the same type of material you do. After all we have the same interests--anything relating to our hobby of communications and radio gear.

Ask yourself the questions about the content you may be preparing: Is it stimulating? Does it present a new idea? Is it educational for you as a ham operator, operating in today's modes? Can it be adapted for use elsewhere, at local clubs, hamfests, conventions or other levels?

We have members who have presented education in an interesting or clever fashion. Don't shy away because you feel you cannot do the same--you can. Content from these articles and presentations could be of help and interest to the entire membership. The ARRL encourages all members to share their ideas through our local clubs and Crosstalk is our best place to communication with all members.

Often a clever idea, a rare contact, or a new rig acquired may not warrant a full article: If not, present that idea and subject in a brief item for others to also enjoy. Every member's achievement may be noteworthy enough to include in a separate article. Did you have a problem lately with your rig? Write an article about what you found for the solution. Crosstalk is for sharing with your club.

Responsibility for Crosstalk should be of interest to all members. It is not fair to rely on a few writers to continually provide its content. Nor should the editor have to delve into the archives of old QST's, or CQ's of special features to provide us with stimulating and meaningful information about what is going on in the ham radio world. We should be generating enough new articles right from the club to provide a full and varied reading and information center from new submissions of every member.

Talent, expertise and experience of our Gloucester County ARC Members is overwhelming. Are we not writing to share this talent, expertise, and experience with our fellow members? I have tried my part of this.

Creative, innovative, inventive, talented submissions for Crosstalk, 85 strong, W-H-E-R-E ARE YOU????

73's Rose Ellen
WA2FGS

LES BELLES:

How ~~are~~ your eating habits? We think the beginning of a new year is a good time to evaluate ourselves and our habits and strive for improvement. Are you eating balanced meals every day? Do you make your snacks count as a part of your daily food requirement? Our eating style revolves around certain trends that influence poor eating habits. Good eating habits are important because we need food to:

1. Provide materials for growth and replacement of our body tissues.
2. Provide a source of energy.
3. Provide materials for regulating body processes.

So who not try to PATTERN your meals:

<u>BREAKFAST</u>	<u>LUNCH</u>	<u>DINNER OR SUPPER</u>
Juice or Fruit	1 Sandwich made of	Meat, Fish or
Cereal and Milk	eggs	Poultry
OR	meat	Starchy vegetable
Egg	peanut butter	Green Vegetable
1 Slice Enriched	cheese	Fruit or Fruited
bread	Fruit or Vegetable	Jello
1 cup Milk	1 Cup Milk	1 Cup Milk

SNACKS

Apple, Orange, Carrot Sticks, Celery,
Applesauce, Raisins, Banana, Yogurt,
Nuts, Cheese & Crackers

Be determined this year--1977--to watch your food budget.

1. Consider the needs of your family (age and size).
2. Be aware of the amount of money allotted to buy food.
3. Consider the time necessary to prepare your meals.
4. Check the real cost of preparing food from scratch versus "Convenience foods." Sometimes the cost to prepare something at home may cost more than the "built/in' maid service.
5. Consider how quickly you will use contents of "economy packaged" foods. It is not a bargain when you have some to throw away.

Now for something to try out on your family this month:

WHIPPED TURNIP CASSEROLE

- | | |
|------------------------------------|-----------------------------|
| 3 pounds fresh turnips | Few grains pepper |
| 3/4 cup butter or margarine | 3 eggs |
| 1-1/2 tablespoons granulated sugar | 1 cup soft bread crumbs |
| 1-1/2 teaspoon salt | 1-1/2 teaspoons lemon juice |

Method: Wash turnips, pare and cut into 1/2 inch slices. Cook covered in a pot with small amount of boiling salted water until tender (about 20 to 25 minutes). Drain thoroughly. Mash turnips while still very hot. Add butter, sugar, salt, pepper. Beat with electric beater or large spoon until well blended. Add eggs, one at a time, and continue beating until soft and fluffy. Stir in bread crumbs and lemon juice. Pour into 1 1/2 quart casserole. If preparing ahead cool and chill covered until the next day. To bake place uncovered in 375°F. oven for 50 minutes or until top is lightly browned. Makes 8 servings.

See you next month.

73's Rose Ellen Bills, WA2FGS