

CROSSTALK -- Official Publication of the
 GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD
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Hamfest: Mike Black, N2FIZ	DX: Bill Bachman, WA2VEE
Field Day: Art Strong, KA2DOT	A.R.E.S.: Harry McCormick, WA2SEA
Legislative: Chas. Ellis, KB2AZW	Publicity: Joe DiNovi, WA2GFK
Data: Charlie Sketchley, K2PQD	Repeater: Joe DiNovi, WA2GFK
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VHF: Ray Martin, WB2LNR	Banquet: Virginia Macrie, KA2ZZA

CROSSTALK STAFF

Tony Starr, WA2FZB	Editor	John Fisher, K2JF	Circulation
Milt Goldman, K3WIL	Publisher	Jim Mollica, K2OWE	Circulation
Ed Sumek, W2GSN	Printer	Len Kravitz, KD2CR	Circulation

AREA NETS

GCARC RTTY NET:	Tuesday,	8:00 PM	147.78/18 Rptr
ARES NET:	Sunday,	8:00 PM	147.78/18 Rptr

Club Repeaters: 147.78/18, 223.06/224.66, 447.10/442.10

General Meeting: First Wednesday of each month at the V.F.W. Hall in Woodbury, NJ. Meetings begin at 8:00 pm sharp.

Contributions: CROSSTALK, Tony Starr,
 Deadline: Ten (10) days before each general meeting.

PRESIDENT'S MESSAGE— MARCH 1987

It sure was a nice feeling to see so many members at last month's meeting. A few I haven't seen for some time, so that's a good sign. Hope all of you continue to come out and support your club. Remember, it's your voice that counts!

Sorry that the last meeting was so lengthy, but problems have to be resolved and that takes time. Therefore, I will try to keep this month's meeting as short as possible. Then we can get down to the real meeting (DX, antennas, and Ham Radio in general). It is my hope to try to keep the members informed about important issues via Crosstalk. This way whatever questions you might have can be resolved as quickly as possible at the meeting.

For those of you who couldn't make February's meeting, here is a short rundown of the more important matters. As you know, (if you use the repeater), we were having quite a bit of trouble with the two meter repeater. This is the system that has about 95% of the users on it, so consequently a few extra minutes were put into the discussion of what to do with the two meter repeater. It was motioned and seconded that the repeater be updated to either a new transmitter, or a new commercial-grade system. Joe, WA2GFK, and Chuck, WA2TML, will return with a report as to which way and what equipment will be purchased to update the system.

Progress has been made concerning the trailer and its location at the 4-H Fairgrounds. The membership present at last meeting gave the go-ahead to continue this endeavor. I am happy to say that on Sunday, Feb. 22, I (and the OM) met with the head of the 4-H Board of Directors and their Vice President at the site and we now have a firm location, which I think will surprise and delight everyone. So come on out to this month's meeting and get the new information!!!

Another reason not to miss this meeting is because at the last Board of Directors meeting a new committee was formed. It will be called the "Help and Welfare Committee". Its function is to help anyone in the club who might have a physical problem with anything related to Ham Radio. If a member has a physical problem, they will now have the opportunity of calling on Charlie Sketchley, K2PQD, and his staff for assistance. So let's give them our support on this one.

One more item for discussion: Let's be looking for ideas for a new club project. We haven't had one since the "Bit Box", so start thinking now.

One of our trustees has stepped down due to a heavy workload. Rich Netherby, WB2OCR, will be replaced by Mike Lizzio, WA2TOP.

Plans for the annual banquet are under way and at the Board

meeting it was decided that the club will no longer subsidize the cost of meals for members. We will be changing the format so that the annual awards will be presented that evening. The W2SUA trophy will be presented, along with the Megapoint Awards and any other meritorious awards. We are also looking in the direction of procuring a speaker for the evening, possibly a representative of the ARRL.

Don't forget to pay your dues THIS MONTH, so we can continue to make this organization grow bigger and better. Hope to see you all at this month's meeting. Bring a friend, and enjoy our hobby.

73 and 88, Virginia Martin,
N2FJM, President.

WANTED:

Tower Erectors - Sanitation Engineers - Food Service Personnel - Technicians - Communications Operators - Loggers (the closest skill to moving timber is pushing a pencil). Employment requirements: Enthusiasm.

June 27 and 28 is closing in, and we need you for this event. Never contested? No matter. We guarantee on-the-job training in this endeavor.

Field Day consists of many facets, the main one being the final score, but equally as important is the social aspect. We all put up antennas, run coax, tune up, and operate, but not with a large part of the club in attendance. On Field Day we do all that, spend a weekend with our friends, and make a significant contribution to the club. But the club needs you to be there.

If you can only devote an hour, or two, on Saturday or Sunday, by all means come on out. Your efforts, however big or small, will only serve to help us in the end result, the club's score.

Again this year, we hope to be able to get somewhat set up on Friday night. If so, there will be facilities provided for our maximum comfort. Last year, a number of discussion groups sprang up running the gamut from radio to the cosmos.

Okay, on to the who's who list:

80 CW -- Jim, K2DWE
75 Ph -- Tony, WA2FZB
40 CW -- OPEN
40 Ph -- OPEN
20 CW -- John, K2JF
20 Ph -- Art, KA2DOT

15 CW -- OPEN
 15 Ph -- OPEN
 10 Ph -- Dan, N2FKT
 6 All -- OPEN
 2 All -- Joe, WA2GFK

Power Division:

GO Power: Irma, N2FNF - Food
 Electric: Ray, AI2B - Generator

There are several bands still available, so if you would like to be a band chairman, contact Art, KA2DOT, or Jerry, WB2CAK. If you would like to help with the food, contact Irma, N2FNF.

Again, this is not an exclusive event. The Grand and Wonderful Pubah will not check your invitation cards, only your smiling faces when we win!

73's-- Art, KA2DOT, & Jerry, WB2CAK

DUES ARE DUE

If you haven't paid your 1987 dues yet, be sure to get to it soon as the deadline (March 31) is approaching. After March 31, there is a late payment penalty of \$5.00. Send your check to Ed, KA2KMW or to P O Box 370, Pitman, NJ 08071. Full membership is still \$15.00 per year. For other rates, contact the treasurer. If sending to the club's P O Box, be sure to write "Membership Renewal" on the envelope.

CONGRATULATIONS TO:

ROBERT LAYTON, KB2COB, one of our new club members, who passed his Novice test on Jan. 14 and received his call on Feb. 21.

ROBERT MILLER, KA2VHT, who passed his Extra at Bellmawr on Feb 19.

FIRST HAMFEST OF SPRING

The Shore Points Amateur Radio Club has announced its SPRINGFEST '87 to be held on Saturday, March 28, at the 4-H Fairgrounds in Egg Harbor City, NJ, from 9 am to 2 pm. Admission is \$2.50 in advance or \$3.00 at the door. Sellers \$5.00 per space, bring your own table. There will be 8000 sq. feet of INDOOR selling space, and a covered tailgating area, weather permitting. Talk in on 146.385/.985 and .52. For more info, write SPARC, P.O. BOX 142, ABSECON, NJ, 08201.

SWAF & SHOP

WANTED:

P/S P2000 AC for Halicrafters "Hurricane" xcvr (SR2000). Contact Don Smith, WB2ZJF, if anyone had this equipment for sale.

TIME FOR A CHANGE?

Did you ever hear someone say "Gee, the bands are so bad it's not much fun or excitement being a Ham these days?" Or maybe at one time or another you might have had a thought like that yourself.

Well believe me, if you are feeling that way or know someone that is, there is a sure cure for it.

Call a friend you haven't talked to for a long time, even if you must use the twisted pair. It just may be he is feeling the same way.

In another month or two, the weather will start to get nicer and perhaps you and your friend can get that new antenna up that you've been thinking about all winter. (It's time to start planning your antenna work now.)

How about trying a new band or one you haven't been on for some time. Or how about using a different mode.

Do you know some new Novice or Tech that just possibly could make use of some of your expertise, I'm sure you might know more about some subject related to Ham Radio than a newcomer would likely know.

Regardless of what your usual operating skills or habits are, there comes a time now and then when you need a change.

Have you ever tried traffic handling, or taking net control on a net? When was the last time you did some finger talking (Hi LNR)? Have you worked a round table on CW lately, it's loads of fun. Try copying WIAW Bulletins on CW, they're sent at 18 w.p.m.

Maybe you say I'd like to get on Packet, but I don't have the money or whatever is needed for new equipment. Don't let it get you down, try making new friends on a new band or a new mode, you can probably do it with the equipment you already have.

Did you ever think of building something? Boy! Building Ham gear isn't a thing of the past. According to a recent survey, there are as many Hams into building things now-a-days as ever, but not everyone is trying to build a synthesized transceiver, that's for sure.

How about DX? I myself never did go in for it, but there are lots of people we all know that have done terrifically on the DX bands. Don't forget the sunspot cycle is changing and DX will be getting better as time goes on.

Do you have a Handbook? Know what a "K" or an "A" index is and how it affects DX? Know how to use a propagation chart? What's the "E" Layer and/or "F" Layer?

Don't tell me there's no fun in Ham Radio anymore. You only get out of it what you put into it.

73 and have fun on the bands.

Harry, WA2SEA

HERE WE GO AGAIN

The other day I was looking through some back issues of Crosstalk. In the May 1968 issue I was reminded that it was in that month I was to start for the second time writing a monthly article for Crosstalk.

Back for some period of time before that, there was no Crosstalk because there was no one that would take on the job of Editor.

So when Crosstalk started up in May of '68, once again I started the "Interview with a Ham", column. After several months, I turned the column over to Gordon Cooper, W2FAX, and he continued writing the "Interview" for quite some time, but it eventually died.

So after a lapse of a few years, starting next month the "Interview" column will return to the pages of Crosstalk. I plan to do the article at least every other month.

73 Harry, WA2SEA

HANDS ACROSS THE SEA

Jim, K2OWE, was contacted by Ron, G3XPH. Ron and several of his ham associates are setting up a museum in Portsmouth, England to exhibit WW2 radar and communications equipment. They currently have on hand approximately 500 tons of equipment and are in dire need of manuals, tech publications and/or any information to enable getting the equipment operational. Ron will appreciate specific information on the following units:

R77B-ARC
J68-ARC

T67-ARC

Anyone who can help, please contact Jim Tux
Jim, K2OWE.

F.A.R. SCHOLARSHIPS

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to award twenty-six (26) scholarships for the academic year 1987-88 to assist licensed Radio Amateurs. The Foundation, composed of fifty local area Amateur Radio Clubs, fully funds two of these scholarships from the proceeds of its annual Hamfest. It administers without cost to the donors, seven (7) scholarships for the Quarter Century Wireless Association, two (2) each for the Dade (FL) Radio Club, the Baltimore (MD) Amateur Radio Club, the Department of State Amateur Radio Club and the Amateur Radio News Service and (1) each for the Radio Club of America, the Richard G. Chichester Memorial, the Young Ladies' Radio League, the Edmund G. Redington Memorial, the Columbia (MD) Amateur Radio Association and the Vienna (VA) Wireless Society. Also this year, there will be three one-time awards in memory of recent Silent Keys.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment by an accredited university, college or technical school. Most of the scholarships require the applicant to hold at least an FCC GENERAL Class license or equivalent. The awards range from \$350 to \$900 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Additional information and an application form can be requested by letter or QSL card, postmarked prior to May 31, 1987 from:

F A R Scholarships
6903 Rhode Island Avenue
College Park, MD 20740

The foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(c)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific literary and educational pursuits that advance the purposes of the Amateur Radio Service.

NOVICE ENHANCEMENT

The report and order for Novice Enhancement was released on February 10, 1987. The following is a summary of its contents. The effective date of Novice Enhancement is March 21, 1987, at 0001 UTC.

The New Part 97 Rules:

SECTION 97.7 (A) Novice Class

BAND	FREQUENCY	EMISSIONS
10	28100-28300 28300-28500	A1A (CW DIG) A1A (CW) J3E SSB
1.25	222.1:223.91	ALL AMATEUR MODES AND EMISSIONS
0.23	1270-1295	ALL AMATEUR MODES AND EMISSIONS

SECTION 97.85, 97.86, 97.87

No amateur station at which the control operator or station licensee holds a Novice Class operator license shall be in repeater, auxiliary or beacon operation.

SECTION 97.21 EXAMINATIONS ELEMENTS AND STANDARDS

- ELEMENT 2: At least 30 questions concerning the privileges of Novice Class licensees.
- ELEMENT 3: (A) At least 25 questions concerning the additional privileges of Technician Class licensees.
- ELEMENT 3: (B) At least 25 questions concerning the additional privileges of General Class licensees.

Technician Class amateurs that have passed Element 3 prior to March 21, 1987, will only have to pass element 1B (13 wpm morse code) to upgrade to General Class.

There you have it, the complete story of Novice Enhancement.

John, K2JF

D.A.R.A. SCHOLARSHIPS

The Dayton Amateur Radio Association is now accepting applications for its annual \$1,000 Scholarships. Licensed amateurs graduating from high school in 1987 are eligible. Please make this known to any amateurs in your area who may qualify. For further information and application forms write:

DARA Scholarships
317 Ernst Avenue
Dayton, OH 45405