

CROSSTALK

Published By and For The
GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

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Tony Starr, WA2FZB, Editor	Ed Sumeck, W2GSN, Printer
Pinky Wilson, Typist	Al Trueblood, KA2KGD, Circulation
John Sutocky, KB2GL, Printer	Charlie Sketchley, K2PQD "
	Milt Goldman, K3WIL, Publisher

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CLUB NETS

10 Meter	Friday, 10:00 PM	28.775 USB
ARES Net:	Sunday, 8:00 PM	147.78/18 rtpr
75 Meter Net --- will resume in the Fall.		
Club Swap Net	Sunday, 8:30 PM	147.78/18 rtpr
Club News Broadcast via K2QGH	Sunday, 7:50 PM	147.78/18 rtpr
Club Repeaters:	147.78 - .18, 223.06 - 224.66, 447.1 - 442.1	

The Gloucester County Amateur Radio Club Meets the first Wednesday of each month at the VFW Hall in Woodbury Heights. Meetings begin promptly at 8 PM

Please send any contributions for CROSSTALK to Tony Starr, WA2FZB,

Deadline for submissions is 10 days before Club Meetings.

PRESIDENTS MESSAGE - OCTOBER 1984

Our 25th Anniversary is almost history now. The final event in our celebration is rapidly approaching. That event, of course, is our Dinner Dance to be held on October 20th at Cavanaugh's in Turnersville. Roslyn-N2AKL, has planned a most enjoyable evening for one and all. Tickets must be purchased by October 3rd (meeting night). Don't forget, members ticket price is reduced by the amount of His/Her annual dues. If you attend the Dinner Dance, you can't say you didn't get your dues worth this year. Guests whether Amateurs or not, are welcome at full price. Be There!

October also brings the Past Presidents meeting at which the slate is developed for the elections to be held in December. Now is the time for you to seriously consider what this club means to you and what you can do to assist the club. Without active, enthusiastic officers and directors, the club could not continue in the fine tradition it has established. If you're approached to run for an elected position, really think about it before you say no as so many do. There's no better way to help the club than to serve as an officer or director. Don't forget, if you're not approached by the committee you can seek nomination from the floor at the November and December meetings. Try it, you'll like it!

Harry - WA2UXT

OCTOBER PROGRAM

Vice President and Program Chairman, Tom, KB2GI, reports another interesting and informative program this month. Our speaker will be Herb, N3DOC, and the subject will be home security systems. If you haven't kept abreast of this area of electronics, you will surely be intrigued to hear of some of the latest technology available in today's systems. Today's microprocessors, ultrasonic, and passive infrared systems are infinitely superior to the old relay controlled alarms of the past. Be sure to come out to the meeting and catch this program. It may help you to protect your valuable ham gear from the dirty fingers of the pilferers.

HIGHLIGHTS - BOARD of DIRECTORS MEETING

The monthly meeting of the Board of Directors was held on September 19, 1984, at the home of Len Kravitz, KD2CR. In attendance were KD2CR, KC2PC, K2HPV, KB2GI, WA2FZB, WB2DXB, K2QGH, WA2VXT, N2BPN, and N2BK. Guest members in attendance were WB3JVX, WB2THM, and WB2OYQ.

It was reported that the hamfest profits are slightly above our record earnings of two years ago. We haven't, however, received a bill from the college, so we may or may not break that record this year. Either way, it was a very successful hamfest. Two letters of appreciation were received from hamfest guests, and the Board voted to publish these. They can be found in this issue of Crosstalk.

Membership applications were numerous, no doubt because of the hamfest. Eleven (!) new members were voted in. They were: W2HEK, WB2ZHU, WA2UHQ, N3DKG, N2DNJ, KA2VTR, W2SPV, WA2CVV, KD2FZ, WA3CWY, and George Bochman, no call.

The repeater committee reported that the extra phone line at the two-meter site should soon be moved to the 220 site.

A plaque was displayed to the Board, which was given to the club for its participation in the MS 150 Bike-a-thon.

Harry, WA2VXT, reported that the club should be renting a storage facility as soon as the inventory of club property is completed.

Finally, a budget committee was appointed. It consists of N2BK, KB2GI, WA2VXT, KC2PC, and N2BPN.

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PAST PRESIDENTS MEETING

The Past Presidents meeting will be held on Wednesday, October 10th at the home of Harry - WA2VXT, in Waterford. Meeting time is 7:30 PM. Talk-in is available on 147.18 or 224.66 repeaters. All past presidents are welcome to attend.

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ATTENZIONE!

The inventory of Club property is underway. If you have been storing any club equipment on your premises, it must be registered with the trustees. To keep things simple, just contact Harry, WA2VXT, and give him a description of the property. He will forward this information to the trustees. Eventually, we hope to have a storage facility for all of our equipment.

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VEC TESTING

For the latest information on where VEC exams are being held, a data line has been set up. Dial This line is open 24 hours a day, 365 days a year, and operates at 300 and 1200 baud rate.

73, John K2JF

VEC TESTING for Radio Amateur License, by the Gloucester County Amateur Radio Club's V.E. Team will be held on:

DATE:	October 27, 1984
TIME:	0930 to 1300
PLACE:	Glassboro State College, WESTBY HALL **
COST:	\$4.00
EXAMS:	Novice thru Amateur Extra

No preregistration required -- Maps available upon request
Talk-In 174 18/78 -- For further information please call K2JF

**NOTE: Westby Hall is next to the parking with the triband beam.

John Fisher - K2JF
Chairman V.E. Testing Team

LES BELLES

Our August 26, 1984 HAMFEST is now history. The many YL/XYLs in attendance should not be forgotten. We had 27 licensed YLs roaming around the grounds. They are:

Roslyn - N2AKL	Joan - WA2ICE/3	Marion - KA3NAC
Esther - KD2EN	Della - W2AFZ	Fran - KA3DRQ
Gisele - K3WAJ	Betty - N3CWE	Arlene - KA2PYW
Kathy - KA3IOL	Kay - KC3LM	Ramona - KM3N
Sharon - N2ELZ	Sandy - KF3D	Judy - N3AYD
Jean - KA2VIR	Myrtle - N2AKC	Christine - KA2EHZ
Sylvia - W3SLF	Janie - N3CFF	Dot - KA3LVN
Florence - KA2TZY	Gail - KA3ITN	Sylvia - WA2NBJ
Rose Ellen - N2RE	Mary - AE2Y	Karen - KA3JPO

The Hospitality Table was covered by N2RE, W2AFZ and June xyl of WA2GSF. Several prizes including home made goodies were donated along with those purchased by the Club. Claudie, xyl of K2HPV, Doris xyl of WA2VEE, Mary xyl of K2QGH, Jean xyl of K2OWE, K2INO, W2AFZ, and N2RE just to name a few who gave donations. A non-club member, but regular HAMFEST attendee, Sylvia W2SLF, donated several prizes. A few games were prepared for all ladies in attendance to win these prizes. Our object was to have each and every yl/xyl take something home. What was your prize?

It could not go un-noticed that Gladys, xyl of K2JF, Doris, xyl of WA2VEE, June, xyl of WA2GSF and Roslyn-N2AKL were busy working at the food area to help keep the hunger pains away while most everyone waited near the P.A. system to hear announcements.

Around the grounds we spotted Betty, xyl of W2SUA, Marsha, xyl of W2BHK and Florence, xyl of N2SS.

Maybe all these yl/xyls will be seen down at the banquet on October 20th in Turnersville. Contact Roz-N2AKL for further information and tickets.

What would you ladies like to have next hear as a program during our HAMFEST? Let us hear from you.

73



Rose Ellen - N2RE

Other areas of the HAMFEST will be covered by the respective chairmen. SEE YOU AT THE NEXT YEAR'S HAMFEST.

DA'S & DIT'S

W2MMD Repeater - WB3JVX doing a fine job for me - but request you stop talking to your echo.

Miss K2QGH Sunday report of news at 7:40 PM. If discontinued - sorry to hear it.

The height of opulence for WB2OYQ is a procelain room for body maintenance. I don't know why WA3CYZ attended the Atlantic City Contest. Vanessa Wasn't there.

WB2OZI is looking for someone to talk to at 2:00 AM on the repeater. He's on his way home from work at that time.

N2BPN is all smiles. He won the South Jersey Hamfest super prize.

Hope N2AJG and WA2VHR's dog recovered quickly and is back home again.

WB2HVJ - two more to go and he will have the makings of a basketball team.

Is it true that the RTTY Net is going up the creek?

Happenings during a lunch period: K2OWE eating donuts with coffee. K2ZA under his auto trying to solve problems. K2JF - tomato sandwich without "J.D."

73 - de "The Eavesdropper"

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CLUB TRIVIA

A former president of GCARC is now the president of an international Amateur Radio organization. Name the president and the organization.

ANSWER TO LAST MONTH'S QUESTION:

Mark Wilson, AA2Z, Ass't. Communications Manager, ARRL: and former editor of this fine publication, Crosstalk (!).

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DELAWARE VALLEY REGIONAL EMERGENCY NET.

If you have listened to the 147.78/18 MHz. repeater since the new controller was installed, you undoubtedly heard the commercial announcements. One of them has been relative to the D.V.R.E. Net, on the 224.66 MHz repeater.

Several people have said, "What is the D.V.R.E. Net?"

The D.V.R.E. Net, is a new weekly net on the Metro Com-Gloucester County Amateur Radio Club V.H.F./U.H.F. repeater system. The D.V.R.E. Net meets every Sunday evening at 2030 hours local time, just after the A.R.E.S. Net on the 2 meter repeater.

This new net is a wide area coverage net, devoted to dispensing W1AW Bulletins, announcements of interest to amateurs in the coverage area and training in Emergency Communications procedures.

The system consists of linked repeaters with outputs on 224.96 MHz. in Chester, Pa., 223.96 MHz. in Atlantic City, 224.66 MHz. in Washington

Township, N.J., one about to go on line in center city Philadelphia on 223.98 MHz., 443.05 MHz. in Chester, 1240.00 MHz. in Chester, and work is being done on revamping and moving a 29.62 MHz. repeater to center city Philadelphia.

How effective is the system?

Well in the six weeks that the net has been in operation, we have had people check in on all the various bands except ten meters. There is still work to be done on the system to bring it up to 100% efficiency. It takes time to make changes and improvements in the system, when you consider its only a hobby, not a full time job.

It's really amazing when you hear a station check in from Atlantic City on 223.96 then another from Chester on 443.05, one from Pitman on 224.66, then one from Valley Forge on 224.96 with a H.T. and it goes on and on.

It looks like 220 is the band of the future. Just last night I was listening to the North American Tele-Conference Net. A network of over 200 repeaters across all of North America linked together for two way communications. A few short years ago who would have thought things like this would be possible?

Do you wonder where your old friends from the 2 meter repeater are? Try 220, a lot of them, are there now days.

Harry McCormick, WA2SEA

HAMFEST IS NOT A PORK ROAST !!

Now that another GCARC hamfest has come and gone, one wonders who put the "ham" in the "fest". Some radio amateurs may think that "ham" is an ethnic slur.

In the ARRL official monthly journal once, a staff member referred to the "handiham" Program, an ARRL affiliated service that permits handicapped people to communicate by means of amateur radio. In a recent issue of the "Old Timers Bulletin", published by the Antique Wireless Association, they define the word "hamfest" as a convention of electronic and radio hobbyist; and the list goes on and on . . . The derivation of "ham" is obscure, if not totally "lost in space". As to whether the word is derogatory, even to be called an "amateur" radio operator is derogatory in a sense if not ironic because hams are often noted experts in their fields of radios, antennas, etc.

According to Peter O'Dell, ARRL public information coordinator the most likely explanation is that early land-line telegraphers needed manual dexterity to manipulate the keys. One's capacity to excel in CW was referred to as "fist" and the clumsy telegraphers were called "ham-fisted". When the land-line telegraphers switched to commercial radio stations still received CW plus the new voice signals at the same time making the airwaves noisy. When the amateurs began to add to the confusion, the former telegraphers probably called the amateurs "ham-fisted or hams" for short.

So here we are, somewhere between the "meat" and the "Pork" and proud of it! So when the little old lady yells "WHERE'S THE BEEF", "HERE'S THE HAM".

73's WB2THM

Lou

LOVE LETTERS TO GCARC

These letters were received by the club recently. The Board of Directors wished that they be printed in Crosstalk for the benefit of those who worked so hard to make this years Hamfest a success.

Ed.

Dear Friends:

Very often the efforts of volunteer organizations are not given credit for many hours of hard work put forth, such as the F.C.C. testing held on Aug. 26, 1984 at the community college. I know it takes a tremendous amount of time and patience to set up a successful hamfest and to add the problems of a new testing program, means the people of Gloucester Co. Amateur Radio Club are well organized and very dedicated to the advancement of "Ham Radio".

I have been an amateur radio operator for only 2 years and my goal is to obtain an Advanced class license. Your testing program at the hamfest has allowed me to upgrade from Technician to General class which makes me very happy. I would like to thank all those individuals who put so much effort into the preparation and administration of the test and made my dream become a reality. Continue the good work as was evident on Aug. 26 and Amateur Radio will grow with well qualified people who have passed an exam of the highest standard. Your efforts are very appreciated in the Amateur Radio community.

Sincerely,
Clinton R. Spencer III
N3DHI

Ladies and gentlemen:

I hope this won't be the only letter of thanks you receive for the splendid hamfest of Aug. 26, 1984.

Why I'm particularly thankful is because of your fine handling of the volunteer Exams. Though I passed only the 20 WPM portion of the Extra exam, I feel that the testing was administered and conducted fairly and in the true amateur spirit.

If other VEC points use the same degree of security, I'll feel secure that future amateur-radio licenses will be as valuable as the one I hold. VEC must never diminish the value of a ham license.

Thanks again,
Best 73,
Michael Klein KC3NE

EXCERPTS FROM
"THE A.R.R.L. LETTER"

The FCC has proposed to reallocate half of the 160-meter band (1900-2000 kHz) to non-government radiolocation because of an anticipated expansion of the AM Broadcast Band that would force certain radio-location stations to move. Although the September 11 release of Docket 84-874 came as a surprise to the Amateur Radio community, ARRL's reaction was swift. ARRL is prepared to file tomorrow (September 14) a motion to hold this NPRM in abeyance pending the resolution of an ARRL petition filed September 10.

Ironically, the day before this NPRM was released, the ARRL filed a Petition for initiation of Inquiry Procedure on the present use of the medium frequency bands by non-government radiolocation users. The purpose of this inquiry is twofold: first, to define the spectrum requirements of individual users, and second, to find the number of radiolocation stations needed in a given geographical area. The League requests that the Commission take a look at the spectrum efficiency and the technical need for the use of the 1900-2000 kHz band by non-government radiolocation users. As we go to press Thursday morning, we have no indication of the course that the FCC will follow in this case, which is beginning to look like the bureaucratic equivalent of a soap opera. We'll keep you updated via this letter and WLAW bulletins.

Dr. Ronald A. Parise, WA4SIR, has been selected by NASA to fly in a Space Shuttle mission scheduled for launch in 1986 to observe Haley's Comet from space.

Dr. Parise is a scientist for the Computer Science Corporation in Silver Spring, Maryland. He has research interests in the properties of binary star systems, and will observe the Comet using specially designed ultraviolet telescopes aboard Spacelab, the orbiting laboratory.

Dr. Parise is an astronomer with a PhD from the University of Florida. He has been a licensed ham since he was eleven, and has held the calls WN8JBR and WA8MHD. Ron lives near Silver Spring with his wife Cecelia and young son. They are expecting another child soon.

The Goddard Amateur Radio Club, WA3NAN, at NASA Goddard Space Flight Center in Greenbelt, Maryland, will be retransmitting live Space Shuttle audio during STS-41F. Coverage will begin approximately one hour before liftoff, tentatively scheduled for 1200 UTC, August 29. The coverage will continue until approximately one hour after the landing. WA2NAN will not be retransmitting during the astronauts' sleep period, expected to be approximately from 2100 - 0500 UTC. Frequencies will be: 147.45 MHz (FM) for listeners in the Washington, DC area, and a maximum of three of the following SSB HF frequencies: 3860, 7185, 14295, 21390, and 28650 kHz.

STS-41F will be the first flight of Spartan, the first of a new series of scientific payloads developed at Goddard Space Flight Center. Spartan will be released from the shuttle to gather information for 40 hours. During this time, the shuttle will drift up to 80 statute miles from Spartan. Then the shuttle will retrieve Spartan, and bring it back to Earth. For more information, contact the Goddard Amateur Radio Club, Box 86, Greenbelt, MD 20770.

The National Labor Relations Board (NLRB) conducted an election at ARRL Hq. on August 23 to determine if a majority of Hq. employees wanted to be represented for the purpose of collective bargaining by a union.

In the Professional Unit, the vote was as follows:

In favor of being included in the main bargaining unit: 2

Against being included in the main bargaining unit: 5

There were seven eligible voters. This outcome meant that the ballots of the professional unit were counted separately.

Those results were as follows:

In favor of the union: 1

Against the union: 6

In the Main Unit, the vote was as follows:

In favor of the union: 12

Against the union: 49

There were sixty-five eligible voters, and no challenged ballots.

At this time, these results are unofficial and subject to certification by the NLRB.

ARRL is conducting an informal survey on the STS-9/W5LFL mission. Specifically, how many hams operated amateur stations in schools, and how many students (hams and non-hams) have seen the video tape "Amateur Radio's Newest Frontier." Please send your responses to ARRL Hq. Mark the envelope "STS-9 Survey."

All above TNX to K2QGH and
"The ARRL LETTER"

EXCERPTS FROM
"THE WESTLINK REPORT"

THE EDITOR OF THE 220 NOTES NEWSLETTER says he will seek a Congressional investigation into the FCC's Activities surrounding the possible reallocation of the 220 MHz amateur band to the Land Mobile Service. Art Reis, K9XI, told Westlink of his intentions after the Commission dismissed a petition from WA2MCT/5 and WD5DON that requested permission for Novice Class operators to acquire voice and other advanced mode privileges in the 1¼ meter band. The Commission's refusal to assign the request a Rule Making number was based on the opinion that nothing should be done pertaining to 220 until the FCC and the NTIA discuss the matter of that spectrum's utilization. Reis feels that it appears inconsistent and unfair for the FCC to dismiss the amateurs' petition without even assigning a number to it while actively entertaining consideration of the two petitions (RM4829 and RM 4831) that are trying to snatch the band for commercial interests from our Service. Reis intends to demonstrate this unbalanced approach to Senator Barry M. Goldwater (R-Ariz), K7UGA, and request his help in opening the investigation.

REQUESTS FOR TIME EXTENSION in filing comments on RMs 4829 and 4831 appear to have been misplaced by the FCC. Art Reis spoke with Fred Thomas of the FCC's Office of Science and Technology on August 27 and learned that the only time extension request that had been received by OST was the one from Waterways Communications (Watercom) that pertains

to RM 4831. Thomas claimed that he had not received any petitions from amateurs requesting time extension for the filing of comments; he said that he surmised they must have gotten lost somewhere between the FCC's mail room and his office. Based upon this unlucky "accident," no extension could be granted in the filing of comments on RM 4829. A source in the Private Radio Bureau told Westlink that a fairly large number of filings had appeared at that office, and on Monday, August 28, they were sent to the OST office. It is unknown whether the "special in-home delivery" of these filings from radio amateurs will affect the outcome of the now technically past due commentary cutoff date on RM 4829.

US SENATOR BARRY M. GOLDWATER, K7UGA, is keeping a watchful eye on the happenings surrounding the attempts by the Land Mobile Service to obtain reallocation of all or part of the amateur 1 $\frac{1}{4}$ meter band. In a letter to Westlink, the Senator wrote, in part, "After checking into this situation, I have learned that although various considerations are being reviewed in this particular area, no decision can be expected to be reached for some time. As an amateur myself, you can be sure that I will continue to follow this situation closely as it develops." The letter was dated August 23, before the latest FCC decision concerning the denial of the Novice rule making request.

A UNIONIZATION MOVE AT ARRL HEADQUARTERS has been soundly defeated in a certification election held by the National Labor Relations Board on August 23. The NLRB had conducted the election at League HQ to determine if the majority of the employees wanted to be represented by a collective bargaining unit. There were two classifications of employees taking part in the voting. In the "Professional Unit," which had 7 eligible voters, 5 voted against being included while only 2 favored the union. This meant that the ballots of the Professional Unit were counted separately. The final outcome of that unit were 6 against and one in favor. In the "main unit," which had 65 eligible voters, 49 voted against being represented and only 12 were in favor of creating an ARRL Employees Union. None of the ballots were challenged, but the results are still unofficial and are subject to final NLRB certification.

TNX to K3WIL
and
WESTLINK Report.