

CROSSTALK

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

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Processing:	Charlie Sketchley, K2PQD	Repeater:	Harry Maxfield, WA2VXT
Demonstrations:	Walt Ashton, WB2OYQ		Business Mgr.

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CROSSTALK STAFF

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CLUB NETS

10 Meter Net	Friday, 10:00 PM 28.775 USB
ARES Net:	Sunday, 8:00 PM 147.78/18 rpтр
40 Meter Net	Sunday, 10:00 AM 7.275 LSB
Club Swap Net	Sunday, 8:30 PM 147.78/18 rpтр

The Gloucester County Amateur Radio Club meets the first Wednesday of each month at the VFW Hall in Woodbury Heights. Meetings begin promptly at 8:00 PM.

Please send any contributions for CROSSTALK to Doug Gehring, WA2NPD,

Deadline for submissions is 10 days before Club Meeting.

PRESIDENTS MESSAGE, MARCH 1984

Here we are in March already. It won't be long before we can get into the repair and installation of our antenna systems. The days are getting warmer and the Club's activities are coming along at what seems to be a record pace. It was gratifying to see so many members at the Deptford Mall demonstration last month.

Last month the membership voted to allow RTTY on the 2 meter repeater two evenings per week. The interest level in these informal nets is high but we seem to have a problem in that some amateur (s) are annoyed by the use of RTTY on the repeater and display their feelings by way of malicious interference. I can only hope that the individual (s) responsible are not club members. Malicious interference for any reason on any amateur frequency is not something to be tolerated and will not be tolerated as it pertains to the activities of the club. If anyone has any complaints about the RTTY nets or any other club activities let yourself be heard at the club meetings. Remember the SUGGESTION BOX is available at every meeting for your thoughts. We welcome your ideas and comments.

This month our meeting will be in the form of an Open House as part of our 25th anniversary activities. The meeting will be held at the Clearview Regional Junior High School cafeteria, Breakneck and Jefferson Roads, Mullica Hill. Directions will be available via talk-in on the 2 meter repeater. Invitations have been extended to all the clubs and organizations in the area as well as the general public. Come out for an evening of fun and bring along your family and friends. Lets put on our best appearance and show our guests what Amateur Radio and the GCARC is all about. See you there and don't forget your dues if you haven't paid them by now.

73 de Harry, WA2VXT

25th Anniversary "OPEN HOUSE"

This is it !! GCARC's Anniversary Year "Kick-off". As indicated above we expect to see Every Club member out to welcome our many (hopefully) invited guests and to join in the fun and fellowship. Time will be from 8PM to 10PM plus. There will be displays, video tapes, historical highlights of our 25 years (TNX to W2AFZ), super refreshments, and visits by ARRL dignitaries including our Atlantic Division Director, Hugh, W3ABC. Also, the Society of Wireless Pioneers will be in attendance. These are only some of the activities planned. Tom, KB2GI, is coordinating the evening and, with YOUR presence, the success of the evening will be assured. C U There !

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DEMONSTRATIONS COMMITTEE BUSY

The weekend of February 4th saw our club (Demonstrations Committee Activity) set-up a station at the Deptford Mall in conjunction with the Semi-annual Gloucester District Scout Show. We were there at the specific request of Cub Pack 244 whose display there was "Communications Around the World."

The display and demonstration and club participation were very successful, according to Chairman Walt, WB2OYQ. Antennas on 2M, 15M and a vertical on the low bands (with tuner) were erected with great help from Sonny, WB2DXB, in getting to the Mall Roof. Operation was on 2M FM, SSB, and RTTY. In addition, the Challenger Satellite output was monitored on Sunday. The following members assisted with operating, set-up, take-down, and narration to the public: WA2VXT, N2EFQ, WA2WOD, KC2PC, KB2GI, WB2DXB, N2AJN, AI2B, KB2AB, K2JF, WA2VEE, WB2THM, N2BPN, K2PQD, WB2AOL, N2AIV, KZ2N, and WB2OYQ. Special thanks to everyone. If we missed anyone (we're not perfect) please tell WB2OYQ. (his request). TNX AGN.

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ADVANCED/EXTRA CLASS PROGRESSING

Instructor Chick, WA2USI, reports that the class is well underway at Glassboro on Monday evenings. About 14 students - including some non-ticket holders, are pursuing the course. Good luck to all.

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NOVICE CLASS PENDING

As reported last month, George, KB2GW, still plans to conduct a Novice Class this Spring providing a suitable location can be located in the West Deptford Township area. If anyone can help George with such a location please give him a call. TNX.

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DUES R DUE-LAST CALL !!

Treasurer Bill, N2BK, reminds all that your 1984 dues, at the \$15.00 reduced rate, are due by March 31 - and not a day later ! In past years (and contrary to our Club Constitution), we have permitted dues to be paid at the April Club meeting -- also at the reduced rate. Well, that will not be done from now on - you must pay-up by March 31 to get the lower rate. Otherwise, its \$20.00 after March 31st. Remember, the family rate calls for an additional \$7.50 per family member who is a full member. So, please see Bill at the March 7th Open House meeting -- he will be there to accept your dues. If you prefer to mail your dues to Bill (4 Sherwood Lane, Glassboro, NJ. 08028) please please enclose an SASE if you wish your membership card returned via mail. Other wise, plan to pick up your card from Bill at the next Club meeting. Your cooperation and promptness are appreciated. TNX.

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MEMBER INFORMATION STILL NEEDED.

As mentioned last month, Chris, KC2PC, is looking for a piece of paper from each one of you with 1983 Club Activities which you participated in jotted down. So far only two of you have responded (terrible). It's hard to

believe everyone is that modest and/or humble. Let's get this done for Chris and the Board. Either call him see him, or give it to him over the air.

Also, for the annual report to the League, Tom, KB2GI, must know whether or not you are a member of ARRL and also if you upgraded during 1983. Please call see, or get this information to Tom ASAP. These guys will love you more for your prompt response. TNX.

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NET CHANGES

Note in the inside cover page that the 2 meter RTTY net is no longer active having been replaced by the agreed upon 2M activity on RTTY mentioned in our President's message. Instead, we now have active nets on 10 and 40M - in addition to the Swap Net run by WA2GFK. All are welcome and urged to participate in any or all of these nets. Of course, the most important ARES Net remains in place as per usual.

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REPEATER UPDATE

Good news to report! The ground level enclosure for the 2M repeater is now complete and the repeater will soon be moved down from the 50' level perch. This will make the repeater accessible for maintenance and will be in dry location. Special thanks to Chris, KC2PC, who headed up a team effort here including WB2OYQ, WA2TML, KA2KGD, WA2VEE, K2JF, and especially WB3JVX. Russ supplied (gratis) much wire, hardware, etc. to make the installation possible. Nice job men.

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NOISE BRIDGE DELAYED

Charlie, K2PQD, reports (unfortunately) that the cabinets, ordered on Jan. 22, still have not yet arrived. And he has to do some preliminary work on them after arrival in order to make them compatible for the project. Hence, the April meeting now looks like the delivery date.

(Ed Note: don't worry about it Charlie, you can't fight City Hall; the Project will be well worth the wait).

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CONGRATULATIONS TO -

Tom, WA2OOS, who received his BY8AA QSL card. Another China Clipper Clubber.

John, K2JF, who cured an RFI problem at the KC2PC QTH.

Bill, KA2TRP, who having his Novice ticket for only 2 months, needs only 2 more states for his WAS.

DA'S & DIT'S

W2MMD Repeater: "I paid my dues. Did you? Deadline March 31st for \$15.00 fee."

A dream comes true for WA2DYO - completion of Senior Citizens building in Bellmawr. It is here that Novice and Tech classes will be taught by WA2VQG.

A new trend is sweeping the club - Karate. We will have to get a progress report from N2AKL.

AI2B recently had a QSO with WA2OZG and AE2Y from Cape May on the Pitman Repeater.

What's KC2PO up to - getting confirmed contacts from Club members?

Time marches on, WA2NPD, when number one son can beat you at table tennis.

Anyone who can untwist a twisted beam is free to use it at Field Day through the courtesy of W2YC. TNX to WA2LET and WA2NPD the 4CM monobander and tri-bander now are rotatable.

KA3GEK thanks KC2PC for guiding him to his QTH in Thorofare during a pea soup foggy evening.

Hope KA2ETJ has his wobbly wheels straightened out by now.

de "Eavesdropper"

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ARES NEWS

Harry, WA2SEA, our EC reports that, following the 220 MHZ tie-in with Metrocom (which could occur soon) he plans to run two separate ARES nets, the 2M net as usual at 8 PM, then the 220 net at 8:30 PM. The 220 net would be for emergency, bulletins, and information only; i.e. no formal drills. The 2 M net would continue as-is. Metrocom output FM link frequencies will be: 29.62, 223.91, 223.98, 224.66 (our link), 224.96, 443.05, and 1240.00.

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LES BELLES

We are getting along into our 25th Anniversary year with GCARC. This means help is needed (especially from you YL or XYL) with many of our upcoming events, especially the HAMFEST in the month of AUGUST.

Can I get some help from any of you toward our YL Events and our Hospitality table? If you are handy at making crafts, or have that white elephant your Aunt Matilda gave you for Christmas, how about donating it to the Hamfest. If you can whip up a batch of candy, make some cupcakes or any-

thing like this that those attending can nibble on, this is appreciated, also. How about calling me or sending a note telling me what you will contribute.

Also, if I can count on you to help at least one half hour's time at the Hospitality table it will give me a little bit of time for other things. We plan to have some type of game for the YL/XYL attending and I need some help at the table during this time.

Our Hamfest is well known to be one of few wherein the YL in attendance can take home a prize other than the door prizes offered. Lets make 1984 the best one ever. With your help it can be done. I expect to have my mail box filled - as I do not see you out at meetings. Or, tell me about what you can do when you attend our OPEN HOUSE in March.

Remember, I'll be looking for you.

33 es 73

Rose Ellen Bills - N2RE

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FAR NEWS RELEASE

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with Headquarters in Washington, D.C. plans to award fifteen (15) scholarships for the academic year 1984-85. 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, three scholarships for the Quarter Century Wireless Association, two for the Dade (FL) Radio Club and one each for the Radio Club of America, the Richard G. Chichester Memorial, the Young Ladies' Radio League, the Edmund B. Redington Memorial, the Amateur Radio News Service, the Columbia (MD) Amateur Radio Association, the Baltimore (MD) Amateur Radio Club and the Lewis G. Wilkinson Memorial.

Licensed Radio Amateurs may compete for one or more of 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 in 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 scholarship 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 a letter or QSL/postcard, postmarked prior to May 31, 1984 from:

F A R Scholarships

College Park, Maryland 20740

The foundation is devoted exclusively to promoting the interests of Amateur Radio and to those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

(TNX to Hugh, W3ABC)

SPARC HAMFEST REMINDER

As detailed last month, don't forget the Date, Sat. March 10th, from 9 to 4 PM. Write to SPARC, Absecon, N.J. 08201 for advanced tickets (at \$2.50) whereas the cost is \$3.00 at the door. Sellers: \$5.00/space. Remember, the Hamfest is entirely indoors, so bad WX is no excuse for not attending.

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A.W.A.R.E. BANQUET

In conjunction with Amateur Radio Week (Delaware), March 11 to 17th, via Gov. DuPont proclamation; A.W.A.R.E. is holding a banquet with honored guest Sen. Barry Goldwater, K7UGA together with many other honored guests including ARRL President Carl Smith, WØBWJ, Gov. Pierre DuPont, Director Hugh Turnbull, etc. Note that Rose Ellen, N2RE, who as president of the YLRL, also is on the special guest list. The date is Thursday, March 15th, 6 PM, at the Brandywine Terrace, 3416 Philadelphia Pike, Claymont, DE. Admittance by Pre-paid Ticket only, \$12.00 per ticket, deadline, Tues. March 6th. Send your check with SASE to A.W.A.R.E., 3208 Concord Pike, Wilmington, DE 19803. At this writing about 40 GCARC members are going. Check at the March 7th OPEN HOUSE for carpool possibilities.

DX DOPE; TNX to BARRY, NC2V, & TOM, WA2OOS

BAND CONDITIONS

- 10 M - Coming back to life after a very quiet winter JA's and VK around our sunset and some Europeans during the day.
- 15 M - Still one of the best DX bands. Europe and Africa in the Late AM and the Pacific around our sundown.
- 20 M - Conditions are changing for the better. Look for Asia after sunset. The band has remained open to that area as late as 0300 wtc.
- 40 M - Still plenty of good DX during our sunrise, and lots of Europeans in the afternoon and evening.

- 80 M - Don't give up yet ! Although the static levels are increasing the DX is still there. Europe and Africa around our sunset and Asia and the Pacific during our sunrise.
- 160 M - Still some Europeans in the PM and Pacific stations in the AM.

CURRENT DX

- ZP - Paraguay - Iris and Lloyd are currently operating out of Paraguay on 80 - 10M using the call W6QL/ZP6. QSL via YASME
- AZ - Botswana - A22ME is currently very active on 15 and 20M SSB. QSL via AK1E.
- JT - Mongolia - Look for JT1BR on 20M CW around 14.040 at 0100.
KH9 Wake Island AH3AA/KH9 very active on 3.805 at 0900 and 7.083 listening 7.178 at 0800. QSL via W1ISD.
- 5X Jim G8GRN/5X has been active for the past couple of weekends. Look for him on 14.180 around 2100Z. He also has recently been worked on 15 meters around 2000Z on 21.253. QSL via G4CTQ.
- D68 Bill D68WB has been active on 15 meters around 2000Z. He is a medical doctor and operates mostly on weekends. Look for him around 21.255 mhz. QSL via Box 504, Moroni, Comoros.

UP COMMING DX

- YVØ Aves Island - The operation for March 1 thru 4 is still on. There will be 5 CW operators and 9 SSB operators. They hope to keep 2 SSB and 1 CW signal on 24 hours a day. QSL via YV5AJ.
- FOØ Clipperton Island - The operator's for this operation hope to be on the island by March 9th or 10th.
- 4M Venezuela - 4M5ARV will be a special event station in the Venezuela jungle.
- ZL8 Kermadec - Due up sometime this month since their landing permit expires at the end of the month. Latest rumor has it that Jim Smith VK9NS along with 3 ZL's will start up March 11th and run for 10 days.
- Lloyd & Iris -
The Colvins after finishing up in ZP5 should be operating from CEØ Easter Island and then CEØZ Juan Fernandez.
This month.

DX NOTES

- PYØ Trindade - PYØTAU is thought to be a pirate.
- D6 Camoros - If you worked D68GM and sent your cards via FMØGA Don't be suprised if they are returned to you from the Post Office. N6ZV the operator of D68GA and also FMØGA has stated that the cards may now be sent direct to N6ZV or to Don Jones, PO Box 9, Fort-de-France, Martinique 97251, French West Indies. He also stated the FMØGA route would be the fastest of the two.

CONTEST CORNERTWO-LAND UPDATE

Logs have begun to arrive. Many calls are repeats from last year but some new calls have also been noticed. Top score so far is Barry Ford (EX KC2ME) who's 600 plus QSO's and 250,000 plus points may be a new single operator record. Super Job by a Super Operator!

Many club calls were also noticed (N2CQ, AB2W, K2HPV, WA2OOS, to name a few) I'll look for your logs at the March meeting.

MARCH EVENTS

CQ Magazine lists 18 separate contests in March & there's truly something for everyone!

March 3 - DARC 10 meter RTTY DX contest
 March 3 - 4 ARRL DX Phone (The BIG One)
 March 10 - 11 RSGB "Commonwealth" Contest - DX oriented
 March 17 - 18 G-QRP Club Activity (For the mighty mites - QRP DX)
 March 24 - 25 CQ WPX SSB Contest (World wide prefix hunting)
 March 24 - 26 BARTG RTTY Contest

The ARRL SSB portion will decide this year's winner of the W2SUA Trophy, which goes to the club member generating the highest combined CW & SSB score. Could it be you?

NOTE: TWO RTTY events - time to exercise those new boards!

The WPX prefix contest is a wide open truly fun contest where everything is workable. Recent upgrades with new pre-fixes will find themselves much in demand by DX & stateside callers alike.

COMING ATTRACTIONS

May 26 - 27 CQ WPX CW
 June Field Day ! ! !
 Be Ready ! ! !

ARRL DX and CQ WPX logs will be available at the meeting. Rules for all March contests can be found in the various magazines.

LEGAL HAPPENINGS, TNX to "WESTLINK" es K3WIL

AN EX - LOS ANGELES HAM has been ordered to spend the next 18 months behind prison bars. On Monday, January 15th, US District Court Judge Manual Real sentenced Richard Burton, the former WB6JAC, on 4 misdemeanor counts of operating a transmitter without a license.

Under Judge Real's order, Burton will spend a year in Federal Prison, followed by 6 months in what is described as a "jail type of facility". After his release from custody, Burton will be placed on 5 years probation, during which he "shall not be found in any place in which any kind of broadcast is made by radio or otherwise."

Each count in Burton's conviction brought with it a maximum 1 year prison sentence but normally, in the case of multiple convictions, such prison time is to be served concurrently. In this case Judge Real handed down 2 consecutive sentences, each covering 2 counts of Burton's conviction. Burton has been ordered to surrender himself to the US Attorney General at noon Monday, January 23rd, to begin serving his sentence.

Burton's problems with the government date back to 1980, when, after having received numerous letters of complaint, the FCC's Long Beach, California, Field Operations Bureau began an investigation of his on air activities. He was monitored by field engineers violating a number of Amateur Rules, including those involving intentional interference and violations of part 97.119. This latter section prohibits radio amateurs from transmitting language that is considered obscene, indecent or profane.

As a result of this investigation, the Private Radio Bureau issued an order revoking his station license and his operator's permit. Burton requested a hearing before an Administrative Law Judge, but that request was subsequently denied because he failed to respond within the time limits proscribed by the Rules.

The revocation order was affirmed, but Burton chose to ignore it. For the next several months, he was observed, monitored and documented as continuing to operate without a license, primarily from his apartment in Reseda, a suburb of Los Angeles.

In May, 1982, a 7 count Federal Grand Jury Indictment was handed down against Burton. He was charged with 4 counts of operating an unlicensed radio transmitter and 3 counts of transmitting obscene, indecent or profane language. He was found guilty on 6 of the 7 counts, and on June 28th, 1982, Judge Real sentenced him to 1 year in prison on the 4 misdemeanor counts of unlicensed operation and 2 years on each of 2 felony counts.

IT'S OKAY TO VIDEOTAPE COMMERCIAL T.V.

Voting 5 to 4, the US Supreme Court decided that Sony Corporation had not violated copyright laws through the sale of VCRs and blank tape for them.

The suit had been brought against Sony as a test case by various organizations in the entertainment industry who feel that home taping is theft of their products. With the ruling against them, it is now expected that some in the industry will petition Congress for a rewrite

of the copyright laws. With 1984 being an election year it is doubtful that Congress will take any action that could be construed as an increased burden on their constituents.

3.

CB ACTIVITIES AFFECT HAM LICENSE:

The license of Paul O. Overlock, N6BHC, has been revoked by an FCC Administrative Law Judge for violation of the Citizens Band Rules.

ALJ Joseph Stirmer took the action to deny Overlock's application for a General Class operator's license and to suspend his Technician Class license after he found out that Overlock had willfully violated the CB rules in 1979.

The Law Judge found, specifically, that he had operated on an unauthorized frequency, used nontype accepted equipment, communicated over a distance greater than 250 km and had failed to properly identify his station.

Judge Stirmer noted that since the incident, Overlock had displayed good conduct in operating his amateur station, and recommended that Overlock be permitted to file a new license application in 90 days.

The decision was issued January 10th, and becomes effective in 50 days unless an appeal is filed within 30 days. (FCC Report 17827)

4.

A CB INVASION OF 10 METERS seems to be taking place in the Southwestern US. In what appears to be a well coordinated move to expand unlicensed operation onto 10 meters, illegal operators began setting up shop from 28.0-28.5 MHz the weekend of January 15th. Over 3 dozen QSOs were copied Saturday and Sunday including 2 nets! The main topic of conversation appears to be the FCC decision to kill No Code. Most, though not all, operate lower sideband, and many operators claim to be from locations outside the US, thus outside FCC jurisdiction. This is odd because why would so many non-US citizens be so interested in a codeless US amateur license?

5.

FCC CLARIFIES NOVICE EXAM RULES

On Jan. 20th, 1984, the FCC eliminated the proviso that the Examiner could not be the employer of the applicant (and vice-versa), but, retained that the examiner must not be blood related to the applicant. This also means related through or by marriage. Hence, your mother-in-law, for example, cannot proctor your novice exam (perish the thought, ed. comment). The employer employee relationship was particularly though on Americans overseas who work for the Federal Government.

5. INTERNAL FCC PROCEDURES DELAY VEC PROGRAM

"Internal administrative delays" within the FCC are still holding up final designation of the first batch of Volunteer Examination Coordinators. Once these delays are overcome, it is expected that 3 major amateur radio organizations will be named to kick off the program of volunteer testing for all classes of licenses.

The 3 to be named are the Anchorage ARC of Alaska for the KL7 call district, the Metroplex ARC of New York for the 2nd district and a MARS group headquartered in Puerto Rico to oversee the process in the KP/Caribbean region.

As far as ARRL involvement in the program goes, a high ranking source at the FCC says that the stumbling block between the League and the Commission remains ARRL insistence that it be named the "National Volunteer Examination Coordinator."

As previously reported, the FCC says that no one will be named to such a position due to the enabling legislation which allowed a VEC program to exist.

The League denies that they are making such a demand and say that negotiations with the FCC are continuing.

7. FCC MONITORING STATIONS are still on the lookout for Rules violators. Regardless of the financial cutbacks they have suffered, the Commission continues to routinely monitor the amateur bands. In the Pacific, monitoring stations are believed to be listening especially closely to the maritime mobile nets, checking for proper use of callsigns and insuring that no violations occur in the handling of traffic. Tnx BIARC Bulletin, KH6WT.