

CROSSTALK

Published By And For The

* GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD *

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August, 1981

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Hamfests:	Harry Jackson, WB2GSF	Historian:	Della Parker, W2AFZ
Field Day:	Wayne Wilson, WA2LEF		

Crosstalk Staff

Doug Gehring, WA2NPD, Editor	Bill Bachman, WA2VEE, Printer
Doris Bachman, Typist	Roslyn Marder, N2AKL, Circulation

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Club Nets

2 Meter RTTY Net: Thursday, 8:00 PM, 147.54
ARES Net: Sunday, 8:00 PM, 147.78/18

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

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

President's Message, de KE2M

August 1981

The August club meeting will be held on the 5th at the usual location, the American Legion Hall in Franklinsville, with the traditional 8:00 PM start. The program portion of the meeting will feature a film from NASA on the space shuttle.

HAMFEST: This is it! The August club meeting is the last opportunity to turn in ticket money or unsold tickets. The Hamfest Committee is finalizing its activities in preparation for the big event on August 30. Not to be overlooked is the chance to upgrade. This may be the only opportunity to do so locally.

The next Board of Directors' meeting will be on the 19th at the home of Roslyn N2AKL in Williamstown.

What does club membership mean to you? Sure, everyone is aware of the monthly programs, X-Talk, and the various club activities such as Field Day, Hamfest, the club picnic to inform and entertain us. But what may be overlooked is the wealth of diversified information within the general membership. Not being a specialty club, you can find people interested in and information available from many areas of our hobby, including: computers, D-Xing, message handling, contesting, RTTY, SSTV, ATV, FAX, QRP, Oscar, and UHF, to name a few. If you are not taking advantage of the experience, expertise, and assistance that is available, you are missing out on the most valuable resource that the club can offer. Are you getting the most out of your membership? It all happens on the first Wednesday of the month. So come out and join us--if for no other reason than to partake of the excellent fare provided by Jim, N2AKI, who, as usual, does a first rate job.

de KE2M

GCARC 3rd ANNUAL HAMFEST, AUGUST 30th

This is the last Crosstalk article before our upcoming Hamfest. Preparations are going along smoothly and we all hope they'll continue as such. Just a few items of interest for you. Again, this year we will have a Club Table. This will give you a chance to clean out your shack of any articles you don't need or won't be using anymore. You can either donate them to the Club or put them on a consignment basis with 10% of the sale going to the Club.

Also, this year with our many other activities, we are having FCC testing and YL activities.

Now for the serious part, concerning tickets. By now, all of you should have received your tickets. Hopafully, you have sold all or part of your supply. For those of you who need more tickets, contact Phil Goldman, K3WIL, or myself. Both of us usually monitor 78/18 or use the phone numbers on the bottom of the flyers. In any event we must have either the tickets or the money the August Club Meeting. It goes without saying, we prefer the money. Just a reminder, the proceeds from the Hamfest all go to the club, and hence the financial welfare of the club is largely dependent upon your help in selling your tickets! Naturally, we expect to see each and every club member at the Hamfest at some time during the day.

If you have any questions see me at the August meeting or give me a landline.

73's de Harry, WB2GSF
Hamfest Chairman

LES BELLES
By Rose Ellen-N2RE

Circle the date of Sunday August 30 and keep it free. That's the date of CARC HAMFEST for 1981 and this time we will have some activities and programs just for you ladies:

- 1) A "rolling pin" throw is one feature. Start getting your arm in shape to see if you can hit the OM with the rolling pin when your turn comes up.
- 2) You'll have a chance to unscramble some plain everyday "kitchen" words during the day.
- 3) We'll give you an opportunity to see how many of the slogans you see on television and in your magazines you can recall.
- 4) Another memory game will be featured of plain every day things.
- 5) We will have nice prizes for you to make it worth your while to come out and do your thing on Sunday, August 30th.

Some of the YLs will also be serving food and if you get hungry there will be lots to eat. You might even offer to help at one of the food stands so the gals can take a break from making up the food.

1981 GCARC HAMFEST is not "just another day" but a day you will long remember.

The hospitality table will be set up with gals there giving you any information they can plus several handouts of forthcoming events you may be interested in.

Don't forget to bring along a chair in case you might feel like sitting down for a while.

See you on the 30th. Until then

73

Rose Ellen

FD, 1981 SUCCESSFUL

Now that the dust has settled, the antennas are stowed for another year, and certain ops are sober again, we can reflect with pride on another outstanding FD effort. Obviously, the bulk of credit must be bestowed upon Wayne, WA2LET, who did a tremendous job in his maiden effort as chairman -- and all on one leg too! It is expertise gained this year should serve him well for next year!

We scored over 8000 QSO points, but because the League adds on the bonus points and checks the logs, the final sum must await publication in QST. Top dog again (ritualistic) was N2CQ and his merry men on 40CW closely followed by a herculean effort by Dave W2YC, on 20CW. Also, excellent scores were submitted by AI20 and WA200S on 80 phone and by K2RCH on 80CW and 20 phone. Significant improvement was noted on 15 and 10M -- credit to WD6GDK and KD2T respectively. The 40 phone score reflected the FB signal from the huge beam erected by K2RCH with WA2TML at the mike. The WB2LNR tower was singularly impressive as was the score on 6M. The usual worked-all-that-were-there scores were turned in by WA2GFK and WA2PFC on 2M and 1.5M respectfully.

Most impressive station honors easily go to W2YC, for the space-age (computer duping, etc.) appearing set-up.

Most impressive antenna: No contest here -- the long wire array (K2JF brainchild) with 2-1000' legs on 80CW had all members entranced with awe and admiration. A most ambitious undertaking to say the least! Reports emerging from the Yukon territory (VE8 land) state a rash of rf burned eskimos have been reporting to the territorial clinic for treatment. Perhaps next year, LA residents will feel the "ether".

As usual, the food and drink were second to none -- many thanks to N2AKL, N2AJG, and their valued helpers. Without their support, Field Day would hardly be worthwhile.

Again, particular thanks must go to Ralph, WA2DY0, and the Bellmawr CD for viding the power. Obviously, nothing would happen without the generator.

As usual, Murphy struck somewhere, someone, someplace -- this year the

6M tower felt his wrath -- but not too severely.

Club participation was quite good -- but easily could have been better. Next year we expect to see more members and ops helping out with all facets of the operation.

73's de WA2NPD

FALL CODE CLASS TO START

Chick, WA2USI, reports a class for raw beginners will get underway in early October and will continue on for about 6 months leading to either Tech. or General. As in the past, the Bellmawr Fire hall will be the site. More information later.

DA'S & DIT'S

Field Day Quips: Question? WA2GFK, did K2CT ever come over to see that "long wire" set-up you fellows installed??

WD6GDK made the Gloucester County Times, and a very good picture it was.

Heard that K2RCH asked K2JF - "Did we use a left-handed compass for the antenna"? Wonder why!?

K2SWZ said that "Jaws" was doing a very good job at Field Day, but we don't know who he is. Does anybody know?

W2SUA, hope you took that six pack to the gentleman who was frothing at the mouth at Field Day.

Congratulations to KA2DWU!! Hope the latest harmonic and mother are doing well.

Ask WB2FJE how he was affected by muscle spasms. It had to do with the cleaning of his swimming pool with straight chlorine.

KB2GI - you're right - your name will be "mud" if you don't stop talking to N2AJN when he's busy with household duties.

KA2KMW - welcome to the two meter G.C.A.R.E.S. Net. Happy to have you aboard. Looking forward to seeing you at our next meeting.

Hope that WA2VFK's XYL is well along the road to recovery.

WB2AOL - welcome back from a gruelling year at college. Hope you're enjoying your vacation.

K2PQD - hear you in there occasionally. You're sounding as good as ever - loud and clear.

We appreciate the excellent job done by WA2SEA in explaining the intricacies of S.P.E.N. on the G.C.A.R.E.S. net every Sunday evening at 8:00 PM.

A special note to all the nice gals to tell them how much we all appreciate the effort and work expended on behalf of Field Day. We really couldn't have done it without you... (Ed. Note: Amen!).

Congratulations Department

To: W2SUA, Shorty is the first GCARC member to have achieved the DXCC Honor Roll having worked and confirmed 308 countries of the 318 on the current list. This is a remarkable achievement attained only by a very few number of hams in the world.

To: KA2KMW, Ed, is now a General. Keep up the good work Ed, before long you will be Advanced.

To: K2JF, John, who was first in the ARRL VHF contest (i.e. in the Club).

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CLUB PICNIC REPORT

The WX and companionship enjoyed by about 25 club hams and their families at Lake Garrison was excellent. A keg of 807 (tnx to WB2DXB) and birch 807 was rapidly consumed by the thirsty participants with plenty of succulent hamburgers, hot dogs, etc. to fill the void. All agreed that the many club members who did not attend missed a great outing. All arrangements went smoothly thanks to WA2VEE who was in charge.

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RCVD AT FD SITE

TO: ALL RADIO AMATEURS

FROM: THE WHITE HOUSE, WASHINGTON, DC

DATE: JUNE 26, 1981

MESSAGE: I AM HAPPY TO SEND MY SINCERE BEST WISHES AND APPRECIATION FOR THE NEARLY 400,000 AMATEUR RADIO OPERATORS WHO STAND ALL READY WITH EQUIPMENT AND SKILLS TO SERVE IN THE PUBLIC INTEREST IN TIMES OF DISASTER. MAY YOUR 45TH ANNUAL AMERICAN RADIO RELAY LEAGUE FIELD DAY EMERGENCY PREPAREDNESS EXERCISES BE SUCCESSFUL. SINCERELY,

RONALD REAGAN

(Tnx to N2AEP)

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CONTEST CORNER

This is my first column as Contest Chairman and I must admit to feeling a bit nervous; as Herb, K2HPV, and Ken, N2CQ, are going to be tough acts to follow!

Probably the single greatest booster to club contest participation has been the Mega Point Award. To date, sixteen members have qualified and have (or soon will have) that Megapoint plaque hanging proudly in their shack. However, there are a number of other reasons for participating in contests.

First, you can win! CQ's contest calendar for August mentioned at least two major contests where awards went begging. Example, in the 1980 CQ WPX CW test there were no W2, W3, W4, W7, and W8 28 MHz entries! In the 1980 Can-DX contest, only 27 state phone and 29 state CW winners were declared, the rest were left vacant!

Second, many contests afford you DX hounds the opportunity to pick up a few new ones.

Third, every entry in a club sponsored contest counts. Excluding W2TG, last year's average score was about 54,000 points; so there is lots of room next to the club's "big guns" for us "little pistols".

I echo Herb's hope that more club members will become interested in working contests and enable the club to win more first place victories.

Although the megapoint contest season doesn't begin until October, there are a number of contests of interest this month:

August 8/9	European CW - DX
August 15-16	Seonet Phone - Asian DX
August 15-16	NJ QSO Party
August 22-23	All Asian CW Test - Asian DX.

The NJ QSO party is a fun contest; with the world working NJ it's your chance to feel like DX! Logs will be available at the August club meeting. Rules are in all the major magazines.

I will be on vacation until August 10th so this month's report will be given at the club meeting by Herb Schuler. He will have the NJ QSO party material and Club Megapoint Log for those who wish to check their scores.

See you in September!

73's

Dennis, WB2GES

(Ed. Note: Looks like Dennis can fill the shoes nicely).

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LEGISLATIVE REPORT

Radio Frequency Interference to Electronic Equipment. FCC has adopted a further notice of inquiry in order to receive more comments on the problem of radio frequency interference (RFI). A large number of complaints have been received about RFI to home electronic entertainment equipment. Comment date-September 14. Reply comment date October 30. General Docket 78-369. Write, make yourself known, push the Goldwater Bill!

Inland expansion of operation in 420-450 MHz band. Request for revision of part 2 and 90 of the Rules to permit inland assignment of frequencies in the 420-450 MHz band for non-government radiolocation. Radiolocation is the use of radio waves to determine position for purposes other than those of navigation (e.g., oil exploration). Comment date September 21. Reply comment date October 21. General Docket 80-135. Here goes another invasion of one of our bands! The 432-435 band. Better write, you may wake up some morning and your ticket won't be worth a plug-nickle!

Ham radio plain language rules. FCC proposes to simplify wording of ham radio rules. Comment date passed. Reply comment date-August 19. PR Docket 80-729. Here is your last chance to make a noise. Don't let me hear anybody bellyache about the new rules if you don't like them, you have been told over and over again, WRITE!!

WOR-TV & NJ FCC proposes reassigning channel 9 from New York City to northern New Jersey. Licensee is RKO. Comment date passed. Reply comment date-July 20. BC Docket 80-719. This is the move to satisfy the hue and cry for a VHF station in New Jersey.

Vineland is now on Channel 65. We are lucky, there is no known ham harmonic relationship to this channel.

Remember you have three important letters to write:

1. NJ Assembly No. 441, allows you to have a radio in your car to receive frequencies assigned to Police and Fire.
2. The H.R. 2203, the Dannemeyer Bill, plus the companion bill of Senator Goldwater S-929.
3. The "Plain Language" bill Docket 80-729.

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FOR SALE

Dentron MLA 2500 Amplifier 160-10M, 2KW, \$600.00, Contact Ed Vickner, K2SNK, (609)

Drake MN 2000 Antenna Tuner with power/SWR bridge and 4:1 Balun, \$225.00, Contact Ed Vickner, K2SNK,

SHORT TERM PROPAGATION FORECAST
AUGUST 1981

Solar activity has begun to show some signs of reviving with solar fluxes reaching around the 190 level at the end of June. However, we need to see some additional action soon or the seasonal and monthly averages will fall below levels normal for this part of the solar cycle. VHF enthusiasts (WB2LNR) should take note the beginning of the summer-fall major shower season with the Perseids which will peak around August 11. Since E-sporadic is often the result of meteoritic deposits in the upper atmosphere being sheared by E-layer winds, expect some enhancement of E_s to be evident during the first half of August. Look for solar flux minima (150) level Aug. 1-2, 5-6, 13-14 and maxima Aug. 9-11. The most geomagnetically active days will be Aug. 8-10. The least geomagnetic activity (quiet?) days should be Aug. 2-7 and Aug. 15.

Many of you have asked how these predictions are made. We use modified versions of George Jacobs and Dr. Theodore Cohens data, preliminary geophysical data supplied by David Meisel, Lee Wical, all noted Astrophysicists, and the Space Environment Service Center in Boulder Co., plus my own generated program that is based on "historical data" gathered over the last 20 years. Then we gather a few bat-wings, salamanders, horned-toad frogs, a Voo Doo doll, go into a dark room and then come out with our forecast. Good Luck

73's
K2JF, John