

CROSSTALK

SPECIAL HAMFEST ISSUE

1979



THE OFFICIAL PUBLICATION

CO-EDITORS THIS ISSUE:

ROSE ELLEN BILLS-N2RE
MARY JO DARAKLIS-N2AJG

GLOUCESTER COUNTY AMATEUR RADIO CLUB, INC.
(W2MMD)

1979 OFFICERS

PRESIDENT	RAY MARTIN - WB2LNR
VICE PRESIDENT	JOHN BOKOLES - W2KI
TREASURER	ROSE ELLEN BILLS - N2RE
RECORDING SECRETARY	MARY JO DARAKLIS - N2AJG
CORRESPONDING SECRETARY	ROSLYN MARDER - N2AKL

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DIRECTORS

TRUSTEES

JOSH BREHM	AE2L
DAVID BACON	K/B2 GJ
SONNY GUTIN	WB2DXB
JACK KESSEL	AB2W
BILL HELMETAG	WA2VQG
TOM WIDENER	WA2OOL

FRED COWGILL	WB2GEK
BARRY CAMPBELL	W2YZ
BILL FRAMBES	WB2FJE
JACK WHITE	WA2MMA

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COMMITTEES - 1979

Program	John Bokoles	W2KI	A.R.E.S.	Harry McCormick	WA2SEA	
Awards	Bill Bachman	WA2VEE	Technical	Bill Frambes	Wb2FJE	
Training	Chick Naylor	WA2USI	DX	Wayne Wood	W2SUA	
Membership	Bill Helmetag	WA2VQG	Publicity	Sonny Gutin	WB2DXB	
Contest	Ken Newman	N2CQ	House	Bob Ruple	WA2MMA	
V.H.F.	Tony Starr	WA2FZB	**	Historian	Della Parker	W2AFZ

Club call trustee (W2MMD) Rose Ellen N2RE

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CROSSTALK EDITOR JACK KESSEL AB2W

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HAM FEST CHAIRMAN
FIELD DAY CHAIRMAN
BANQUET CHAIRMAN
FINANCE CHAIRMAN

BOB GRIMMER KN2QWO
JOHN ZARUBA, Jr. WB2VOH
STEVE SOSSON WBIAOF
EMMETT ROSS WA2ZND

CLUB * * * * * NETS

10 Meter RTTY 28.100 Thur. 8:00PM
10 Meter SSB 28.930 call anytime
80 Meter CW 3.680 " "

2 Meter FM 147.18/78 Sunday 8:00PM
6 Meter AM 50.9 ~~Sunday~~ 9:00PM
80 Meter CW 3.705 call anytime

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The regular meeting of the GCARC, is the second Wednesday of each month in the National Park Municipal Hall, National Park, NJ. Meeting time is 8:00 P.M.

WELCOME

Welcome to Gloucester County Amateur Radio Club's hamfest. The club has worked hard and long on this and we hope you enjoy yourselves.

This is a special issue of Crosstalk, our club magazine. We hope to give you an idea of what the G.C.A.R.C. is and has been working on this year.

On the following pages are articles from previous Crosstalks. Also, you will find short articles from our committee chairmen and officers.

The club has been in existence for approximately 20 years and we have a total of 173 members at this time.

We welcome anyone interested to come to a meeting, any second Wednesday of the month at the National Park Boro Hall.

COME AND SEE HOW MUCH
FUN AMATEUR RADIO CAN BE
AT G.C.A.R.C.

VICE PRESIDENT - PROGRAM

During this year we have had some good speakers come to present our programs. Miles Brown presented some of the fine points of Amateur design.

Dave Noreburg presented a slide program on RCA TV & FM broadcast antennas. Sy Adler gave a wonderful program of the 1974 & 1978 Navassa Island DX-peditions.

We are looking forward to more good programs starting in the fall.

John Bokolis W2KI

RECORDING SECRETARY

Being Recording Secretary this year has broadened my knowledge of the different aspects that make up Amateur radio.

Besides just taking the minutes at the general meeting and Board of Directors, I feel that I have become more involved in the activities of the club. Instead of just sitting back and letting everyone else do the work, I have been involved in the discussions and dicissions of the club.

I am currently a traffic handler, helped at field day, and I am presently on the hospitality committee for the hamfest.

The experiences and enjoyment I have had this year, will benefit both the club and myself in years to come.

The G.C.A.R.C.'s policy of encouraging new members to participate in activites and to hold a club office is one of the main reasons for its long existence and constant growth.

Mary Jo Daraklis N2AJG

CLUB QSL AWARD

Anyone interested in receiving a decorative 8 x 11 $\frac{1}{2}$ certificate confirming contact with members of Gloucester County Amateur Radio Club must abide by the following rules:

1. Club members must contact 25 of their fellow members and exchange the necessary QSL card to confirm their contacts. Non-members only have to work 20 members with the QSL card rules the same.
2. Endorsement credit of 50, 75, and 100 will be awarded following the initial certificate. Non-members need not participate unless so desired, club membership rules shall apply.
3. Additional endorsement credit will apply in increments of 10, i.e., 110, 120, 130 between the 110 and 200 levels and multiples of 5 above 200 level.

Bill Bachman WA2VEE

HISTORIAN

Serving as Historian for the Gloucester County Amateur Radio Club is a fascinating job. It surely is interesting to read some of the back issues of CROSS TALK, and note the happenings of the Club then as compared with now.

When we first organized in 1959, we had about 25 members. Through the years, some dropped out, and later rejoined. Participation in many Club events, accidents, and a few deaths - all were recorded in CROSS TALK. As the years passed, the Club seemed to grow more close knit, each member being interested in helping each other and the cause of the Club.

CROSS TALK was a major asset in bringing this about. Picnics, banquets, tower-raisings, Field days, Xmtr hunts- all had been duly recorded into the Club's records, and its truly a pleasure to reread them.

NOW - for us to have a HAMFEST coming up on August 26th is just one of the best things that could have been thought up. It will help our members to get better acquainted with each other, and continue to promote the pride in our Club that it so well deserves.

Della M. Parker W2AFZ

TECHNICAL COMMITTEE

The Technical Committee came into operation about 5 years ago. The main idea of the committee was to give informational help to Club members who requested technical help.

We have in the Technical Committee, members of the Club in our opinion, who specialize in their interest in Amateur Radio, that is, they enjoy doing certain things to further Amateur Radio. As you know, some amateurs cannot learn all the many parts of Amateur Radio, i.e., CW, FM, SSB, Rtty, Television, and many other types of operation that is allowed for the Amateurs to use. So the Technical Committee was designed to help where possible in questions on different matters. We have supplied information on how to get that Large Beam up that tower, or how to fix that blasted Transceiver that is only transmitting.

By going to members of the committee that specialize in their part of Amateur Radio we can get a much better technical help from all of the members in the club. And also keep our Club members on the air, and enjoying their hobby as much as possible.

We have in the past supplied help to raise beams, fix equipment and just plain enjoying the hobby of Amateur Radio. The committee chairman has in his files members that are willing to help in certain parts of the hobby. Thus, we can usually help our fellow Amateurs keeping their equipment working properly so they can get receive good signals, we hope, and enjoy their hobby as much as possible.

Bill Frambes WB2FJE

LES BELLES

HAMFEST - 1979

by Rose Ellen-N2RE

Gloucester County Amateur Radio Club, Inc. has a record high number of YLS this year. It is my pleasure to list the 14 active YLS for you:

1. KATHRYN ALBERTSON - WA2VRQ -- General Class. Joined GCARC April 1978. OM is Lee-WA2VFK.
2. JUDY BOKOLES - N2BGX -- Technician Class. Joined GCARC July 1979. OM is John, our Vice President.
3. ROSE ELLEN BILLS - N2RE -- Amateur Extra Class. Joined GCARC March 1969. Current Club Treasurer and Trustee of Club Call-W2MMD.
4. MARGARET CASSADAY - KA2DWU -- Novice Class. Joined GCARC July 1979. OM is not licensed.
5. MARY "KAY" COURSEY - WA2VRR -- General Class. Joined GCARC March 1979. OM is Dan-WA2ZTY.
6. JOSEPHINE D'ALLESANDEO -- Associate Member. Joined GCARC May 1979.
7. MARY JO DARAKLIS - N2ATG.-- General Class. Joined GCARC August 1978. Current Club Recording Secretary. OM is John-WA2VHR.
8. BERTHA FARR EGGERT - WA4BMC -- General Class. Joined GCARC May 1965.
9. GLADYS GRAVES - KA2BMM -- General Class. Joined GCARC August 1978. OM is Bill-N2ASN.
10. ROSYLN MARDER - N2AKL -- Technician Class. Joined GCARC May 1978. Current Club Corresponding Secretary. OM is Howard-WA2IBZ.
11. VIRGINIA MARTIN - Associate Member. Joined GCARC May 1977. OM is Ray, our President.
12. DELLA PARKER - W2AFZ -- Advanced Class. Charter Member of GCARC. OM is Ivey. Served on Board of Directors 19 continuous years. Current Historian of Club.
13. MARY PETRUZZI - AE2Y -- Amateur Extra Class. Joined GCARC October 1977. Has served as Corresponding Secretary. OM is Tom-WA2OZG.
14. CAROL WISSEL - N2AHR -- Advanced Class. Joined GCARC April 1979. Former Associate Member 1976 and 1977.

From time to time we have had featured articles on the above YLS in our monthly issue of CROSSTALK. This page was originally started to promote interest in the licensed YLS as well as the XYLS in order that they could keep current with our Club functions.

/reb



73

Rose Ellen

TREASURER

Serving as Treasurer for the Gloucester County Amateur Radio, Inc. for the past several years has proven to be most interesting to me. I am the first to receive all members, new, renewals, or those rejoining the Club.

As the yearly Budget Committee meets with me, it has been a pleasure to see the interest grow toward the division of our funds into the various Club activities such as Field Day, Hamfests, Bike-A-Thons and our Club bulletin-CROSSTALK.

Over the years it has been a positive reality to see that the income from the dues collected, as well as from extras brought about by the Finance Committee, have been sufficient to cover the needs of the Club functions.

Being a member of the Board of Directors, as Treasurer, has made me feel I am a major part of the Club in helping those other members keep G.C.A.R.C. a Club the original charter members are proud of in the 20 years after their first meeting in 1959.

Rose Ellen Bills-N2RE

CORRESPONDING SECRETARY

The Corresponding Secretary sends out correspondence from the Club to all organizations, like the ARRL and other radio clubs in the area, in addition to any letters the President needs to send out.

The Corresponding Secretary also sends out correspondence to all its members in case of illness, or sends out congratulations in the case of a marriage or the birth of a child.

The Corresponding Secretary also receives correspondence from members and other organizations which are read to the members during the business meeting.

Roslyn Marder-N2AKL

HOUSE COMMITTEE

The House Committee is a very important part of the Club. The job of the House Committee is to make the Club members feel at home at all our meetings. We provide doughnuts and coffee to everyone at each meeting. Also, at the end of each meeting the town hall is cleaned up by our committee. Like most jobs of this type--it is more noticeable when it does not get done.

G.C.A.R.C. CONTEST PROGRAM

As an ARRL affiliated club, GCARC is eligible to compete against other clubs in ARRL sponsored operating events, or contest. There is an increasing interest in this type of activity in the Club.

We have consistently improved the Club's score in every contest over the past three years. Our best effort seems to be in the VHF Sweepstakes event in January. We have finished seventh nationally in each of the past two years, with steadily improving performance.

Awards are presented by the club to members who contribute toward the Club score, by operating in the various events. The "Megapoint Award" is a very handsome plaque which is presented to members who score one million (weighted) contest points for the Club. This is an on going program so members can take as many years as they need to score the points. A customized club name badge is also presented to "Megapoint" winners by K2HOV. The top scoring station on a single mode in the ARRL DX competition is the recipient of the club DX trophy for the year. Competition for this impressive cup has always been very intense since the trophy was donated several years ago by W2SUA.

We are expecting to enter the club in all ARRL sponsored events having a Club competition this year. We also will enter some other events with club competition such as those sponsored by CQ magazine.

The Club is looking forward to another record contest year in the 1979-80 contest season starting in October. Won't you join us?

Ken Newman - N2CQ

DX COMMITTEE

Like any other Radio Club not specifically formed for the purpose of working DX, GCARC has its own group who are busy chasing the elusive "new ones". The number increases as members find out for themselves the continuing pleasure derived from the sport. Chasing DX usually develops an operator's ability as well as his station capabilities, hence, multi-rig stations with impressive antenna facilities are not uncommon and continue to be developed and improved as experience proves desirable.

Those bitten by the contest bug usually manage to turn up a few new ones to add to their country totals. So, the contest group are part of the DX gang. Working DX is a continuing endeavor filling in between contest and other daily activities.

Advance information can be had concerning DX currently available, including expeditions to rare countries. DX'ers have their own means of communications--word travels quickly when a good one shows up. Mostly there are DX associations who publish bi-monthly bulletins for this purpose. Quite a few GCARC members are subscribers. Then too, it is passed along by telephone, 2 meters and occasional meetings down at Telfords. This information coupled with propagation reports by John K2JF, should put the DX'er in good position for the kill.

Several of our members are over the 300 mark for DXCC countries

DX COMMITTEE (continued)

worked and verified while quite a few hold totals of over 200. A larger group have hit the 100 mark and are working daily for higher levels of accomplishment. You can hear the following in the pile-ups: N2ATD; AI2B; W2CPI; N2CQ; KB2GJ; WB2FJE; K2HOV; WA2IPT; K2JF; W2KI; WA2NPD; AI2O; WA2OOL; WA2OOS; WA2PFC; N2SI; N2SS; W2SUA; WA2VEE; WA2VFK; AB2W; W2YC; W2YZ; and AA2Z.

Wayne Wood - W2SUA

AMATEUR INTERFACE

This is a new column I hope to be able to include in Cross Talk every month or so about computers.

We'll start off this month with how the computer performed on Field-Day and the Radiosport contests.

The computer used was a Radio Shack TRS-80, 16K. Level II computer (next month I'll explain what 16K level II means).

For both contests, WB2ACL's Kenwood 520S was used. This could be important info since computers usually interfere with rigs. However, my computer and ACL's rig had no interference problems and they were less than 3 feet apart.

My Field Day program can store about 1,400 calls. The Field Day program is a "mono-land" program, which means, you cannot use it during a contest in which you change bands. For the radiosport a modified version allowed 5 band operation. In both contest, the computer was used strictly for DUPE checking, Since I don't own a printer, typing in all the other information would be useless since it would only have to be copied later on by hand.

The computer did a great job during the contests. The "manual" method of dupe-ing was used also since I had just bought the computer a week before Field Day and wrote the program the day before the contest. It was found that the computer located about 10 dupes that we forgot to write on the dupe sheet. So it saved us at least 10 wasted contacts. Unfortunately, I had left my computer manual at work and I couldn't remember the statement that saved data. When the generator went down so did the data. It took about 15 minutes to reenter the data which wasn't bad. During the radiosport, a lightning strike nearly caused a power failure just long enough to mess up the memory. I am going to install the "SAVE DATA" statement in the program so that after every call is entered the data is saved on tape. This way blown fuses, etc. will at most cause a loss of one call.

By September, I should have the mono-band, 5 band, and VHF contest versions of the program completed with "SAVE DATA" features added.

I could go on and on about all the ham application programs I'm working on but I'll present them as they happen.

AMATEUR INTERFACE (continued)

I'll bring my computer to the September meeting. For those who are buying a TRS-80 or just thinking about it, bring a short cassette and make sure it is blank. I'll make you copies of the program so if and when you buy a computer, you'll have the program.

AL Gartner - AE2V

FIELD DAY

Amateur Radio Field Day's purpose is to promote emergency preparedness in the ham radio fraternity. Whole Radio Clubs move in mass to their favorite spot, which may be a field, or a mountain top or the middle of a bay, to participate in this annual event.

But secondly, Field Day is just plain fun. The good hamming company and food make the last weekend of June a much awaited date.

When one looks through a Field Day site, you're liable to find as many different stations as there are types of operators. Some members of our Radio Club start planning their stations in January, while others, like me, wait until two days before to get their equipment together.

To sum it all up, Field Day is a useful exercise that is a lot of fun, and who could ask for more.

John Zaurba - WB2VOH

BANQUET COMMITTEE

As chairman of the Banquet Committee, it's my job coordinating and arranging banquet details for the purpose of a night out with the OM's, YL's and XYL's.

Mixing hams and non-hams has always been a ticklish matter, but good food, good entertainment and liquid libations are always a sure fire method for a good time. Also, meeting some of the faces behind the voices coming through the radio helps the hams spouse to understand, why we spend as much time as we do talking into that "THING".

Lets all come and enjoy the Club's 20th Anniversary at this special banquet:

Holly INN
Pitman, N.J.

Cocktails at 7P.M. Dinner at 8 P. M.

Dinner - Broiled Seafood Platter - \$15.00 - Roast Prime Rib - \$14.00.

A band will be present and we will have a cash bar from 7-8 and 9-12.

Steve Sosson - WELAOF

ELMER AWARD

This is an award that anyone can give to anyone. If you had someone help you with your Amateur License, and gave you that extra bit of help that you needed to get by the test, then this is who the award was meant for. So, if you have an Elmer that stuck by you when everything seemed to be too much, just send a SASE to the ARRL and ask for an Elmer Award. They will send it to you to fill out, and I'm sure it will be a sign of your appreciation to your Elmer.

TRAFFIC HANDLING

Receiving an Amateur license is a privilege and a responsibility. When we receive our license we can have fun along with providing a service. Traffic handling is a service and it can be a lot of fun. Traffic isn't hard and it doesn't take that much time, or effort.

A piece of traffic is broken up into 4 parts. The preamble, address, text and signature. Messages can be kept short by using the ARRL numbered radiograms in the back of your ARRL log books. The form most hams use is ARRL radiograms.

There are many nets where traffic is handled. They are as follows:

NJN (CW)----- 7 and 10 PM Daily 3695 KHz.
NJSN (CW)----- 6:30 PM Daily 3735 KHz.
NJPN (phone)---- 6 PM Daily and 9 AM Sunday 3950 KHz.
SJVN (2-meter) 10:30 PM Daily 145.27/144.67
MCN (2-meter) 10:30 PM Daily 147.075/147.675

Let's get Gloucester County covered. Some day you may need it. If you want to know more about traffic handling, I will be glad to help in any way I can. Hope to hear you soon. (N2AJG)

RTTY

Well it looks like RTTY is really getting a shot in the arm from our club members. Every time I turn around I hear that someone else is getting a set of green keys. I think that we will have a very good net for Teletype when everyone is set up. I know myself (AB2W), K2ZA, WB2FJE, WB2OCR are all on now and it looks like WA2IBZ, WB2LNR and AI2B will be on in the coming weeks. For the new comers there is a book from 73 magazine, called the RTTY handbook that you may like to have, and it will answer some of the things you would like to know about RTTY. Then there is the RTTY Journal. This is very nice to get every month. It is on RTTY only and tells you what DX is on what contest and anything else that has to do with RTTY.

RTTY Journal, P.O. BOX RY, Cardiff by the Sea, CA 92007. So I hope to print you real soon. Good Luck.

Jack AB2W

- FROM THE SCM -

The amateur Radio Public Service Corps (ARPSC) is the backbone of the ARRL's public service operations. It is comprised of two main operating entities, the National Traffic System (NTS) and the amateur Radio Emergency Service (ARES).

The Amateur Radio Emergency Service is organized on the local level for the purpose of providing both emergency and non-emergency communications. It is run by the Emergency Coordinator (EC) who oversees all operations in his area. In southern New Jersey ARES is broken down by county, with one EC for each of our 9 counties. Each EC has his own county organization, with Assist. EC's appointed to help with the work. Each county runs nets at least weekly, for the purpose of training and traffic. They provide communications during normal times for such things as parades, walkathons, bikeathons, motorcycle rides, or anything else that needs our services. They maintain contact with local and county government officials, Red Cross, police, hospitals and anybody else who might require ARES services during an emergency. In short, the EC is the boss on his turf!

The overall operation of ARES in Southern New Jersey is tended to by the Section Emergency Coordinator SEC, Boyd Prestwood, W2HOB. Boyd is in charge of Co-ordinating the activities of all the counties, as well as overall system planning and advising. He also selects the EC for each county, whom I then appoint. Boyd has written the Emergency plan for the section which spells out just how the section will respond to an emergency. It explains how the counties will communicate with each other and the outside world both on two meters and on the low bands, as well as other miscellaneous things necessary to run the show on the section level. Operations within each county are not covered by this plan, as they are strictly the concern of the EC.

The National Traffic System is organized on the section level for the purpose of providing communications between ARES groups and stations. The Section Traffic Manager organizes section wide nets which maintain liason with region and area nets. He also recommends candidates for the position of Net Manager (NM). The section nets are the principal means of sending a message into, out of or throughout the Section. Southern New Jersey runs combined section nets with Northern New Jersey, providing better efficiency in liason and manpower, and bringing the state closer together. The major section nets are the New Jersey Net (NJN), the New Jersey Phone Net (NJPN) and the New Jersey Slow Net (NJSN). The New Jersey VHF Net (NJVN) will soon be operating on linked repeaters. NTS, including all of these nets, provide a valuable message service even in non-emergency times.

As you can see operation of the ARPSC is quite involved. Many man hours have been put into section wide planning, and many more are put into the operation of the organization each week. Are you involved? It doesn't take many hours to volunteer as a member of ARES or NTS. Why not contact your EC or NM today? Don't know his name give me a call and I'll put you in touch. Until next month, very 73.

Bill/WB2LCC -SCM

The best way to forget your own problems is to help someone else solve theirs...