

GLOUCESTER COUNTY AMATEUR RADIO CLUB W2MMMD

OFFICERS
 PRESIDENT..... MARLA BOZARTH..... N2DWR
 VICE-PRESIDENT.. JOE WELLS..... N2KLE
 TREASURER..... CHUCK COLABRESE..... WA2TML
 REC. SECRETARY.. PETER BUTLER..... KA2DZF
 COR. SECRETARY.. JOHN FISHER..... K2JF

DIRECTORS
 3YR-Jim Mollica Sr..... K2OME
 3YR-Chris Chamberlain..N2IVN
 2YR-Ken Bozarth..... KN2U
 2YR-Irma Colabrese..... N2FNF
 1YR-Bob Layton..... KB2COB
 1YR-Wesley Gosbin..... KB2IRK

TRUSTEES
 4YR-Joel Supkow..... KB2AYW
 3YR-Milt Marcer..... WA2FGA
 2YR-Howard Marcer... WA2IBZ
 1YR-Virginia Macrie.. KA2ZZA

COMMITTEE CHAIRPERSONS

Advertising..... N2KLD	Hospitality..... N2AIV
ARES/RACES..... WA2USI	Legislation..... K2JF
Awards..... K2ZA	Membership..... N2KLD
Banquet..... N2KLD/N2IMK/KB2JCO	
Chaplain..... WA2BMO	Nets..... WA2TOP
Constitution..... WB2DXB	Publicity..... WA3UVV
Contests..... AA2DJ	Repeaters..... WA2TML
Crosstalk Editor..N2DUZ	Site..... N2AIV
Data Processing... K2FQD	Scholarships..... WN2T
DX..... K2JF	Special Events..... WB2OYO
Field Day..... N2DWR	Sunshine..... KB2EDA
HAMFEST..... KA2DZF/N2KLE	Technical Site..... KN2U
Help/Welfare..... N2IIB	Training/Testing... WA2VQG
Historian..... ??	Ways & Means..... N2FNF

CLUB REPEATERS

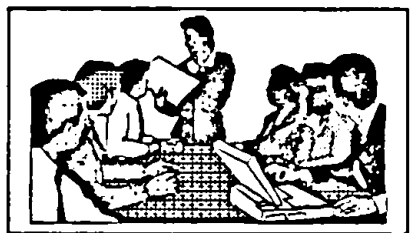
147.780/180 MHZ
 224.66/223.06 MHZ
 442.100/447.100 MHZ (CTCSS 131.8)

CLUB NETS

ARES/RACES..... Sundays at 2000 HRS. on the 147.78/18
 and 224.66/223.06 Repeaters.
 10 Meter..... Sundays immediately after the
 ARES/RACES Net on 28.350 MHZ.

NOW IS THE TIME!!

Procrastination is not the order of the day. HAMFEST time is upon us and there's plenty to do. Are you a part of this or just sitting on your hands and hoping someone else will do it. Plans are underway for Sunday, August 23rd which is the Club's Annual Hamfest at the Site. That means every member of the club should be doing whatever he/she can to make this the biggest and best activity in the area. Talk it up on the radio, sell your friends a ticket, take an active part by serving on a committee. Many hands make less work for all. Are you a *Club Member* or a "Club joiner". Here's a chance for real fellowship with Hams from all over the area. We do need you! For information



KA2DZF, N2KLE
 Co-chairmen

G.C.A.R.C. President's Message

August 1992

I'd like to thank everyone that came out and helped make Field Day 1992 a huge success. I also hope that everyone has recovered from the 4-H Parking. I can't say enough thanks to Milt Marder and Ed Sumak for the long hours and hard work that they put into the parking. I'd also like to thank the people that came out and took the time to help in one of our major fund raisers. Like always, we didn't have enough help, and there were some pretty busy times. A few extra people out there would have really come in handy. It seems like it's always the same 15 or 20 people that come out. We did have a few new members and a few non-members come out, but that still wasn't enough.

Our Hamfest is this month, and by now I'm sure that you have received your tickets in the mail. Please return the

money, the ticket stubs or the unsold tickets to Chuck the day of the Hamfest. Again, we **NEED YOUR HELP** in making the G.C.A.R.C. Hamfest the best of 1992!!!-

Don't forget the General membership meeting on August 5. It's our annual *Beef and Beer night*. Bruce Eichmann will be there, and our own Steve (N2GVR) will give a brief talk on fox hunting. If we can get enough people interested, maybe one weekend we'll be able to give it a try.

Come on out and **GET INVOLVED !!!!**
Hope to see you at the August meeting.

Marla\N2DWR

EQUIPMENT REVIEW

The Alinco DR1200T "DataRadio"

Recently, I began looking for a 2-meter rig for my primary packet radio station. I had been using a handheld and an amplifier, but wanted something with a bit more "Oomph". I also wanted to use my handheld and amp for other things. I decided that if I was going to spend the money on new equipment, it was going to be something that would last for a few years and allow me to go to greater data rates than just 1200 baud. This ruled out a number of radios, since I needed "true" Frequency Modulation, not Phase Modulation as most rigs have. I also wanted to be able to do any mods required easily and quickly, and of course, it had to be inexpensive.

This led me to the line of equipment offered by Alinco. They recently began marketing a new radio targeted specifically for the packet crowd. AES had it

in their catalog for \$249 (best price at the time) and, in a moment of weakness, I ordered it. After approximately 5 months of 24-hour-a-day operation, I can enthusiastically recommend this radio to anyone seriously looking for a good, clean and solidly performing rig. The filtering circuits, which are bypassed if you reconfigure the radio for 9600 baud, are excellent. In side-by-side comparisons to other radios, the DR1200T was the clear winner. It has also performed well with some 4800 baud modems I have been designing.

All this would normally lead me to say I had no regrets in purchasing the radio, and if it were not for just one thing, that would be true. The problem is not actually with the radio, per say. It's just that after I bought it, AES put the DR-110 on sale for \$289. Instead of the 1200T's 25 watts, the 110 delivers 45 watts. Plus, it come complete with a DTMF microphone. (The 1200T has NO microphone, just a cable for your

TNC.) Now while 25 watts has been more than adequate for the majority of my needs, it would be nice occasionally, to have the extra 3db. Besides, with twice the power and for only \$40 more, who wouldn't like to have a "spare" mike?

The 110 is effectively the same radio, and uses the same 9600 baud modification. (Which, incidentally, takes less than 15 minutes to do.) I guess, then, my opinion is this: The Alinco DR1200-T makes a GREAT transceiver for your packet station. However, if your power supply can handle it, and you have the extra \$40 dollars, get the 110 while they are still on sale.

Either way, you should be very pleased with the results you get.

73, Cory

P.S. Next month, I'll compare some TNC's. If you have a relatively new piece of equipment, why not tell other club members of your experience(s)?

NEW MEMBERS

We will introduce 6 new members at the next General Membership meeting:
Matthew Brophy....N2KZU...Woodbury
William Burbage...N2QEB...Franklinville
Steven Fidler, III...N2GVR...Franklinville
Gary Reed.....N2QEE...Sewell
Bruce Marshall.....(No Call)....Salem
Jim Wilson.....(No Call)....Mullica Hill

Welcome to the Club!

1992 New Member Count:: 31

Mary Ellen/N2KLD

With Regrets & Sympathy.....

It is with deep regret we acknowledge the passing of Leroy Brady, Sr. He was the father of Leroy (KB2ODL) and brother of John (N2PKF). On behalf of the club, please accept our sincerest sympathies.

Amateur Radio Awareness Day

Amateur Radio Awareness Day is Sat., September 19. Last year we had a booth set up at the K-Mart in Mantua! Where do you want to set up a booth this year?? If you have *ANY IDEAS AT ALL..PLEASE* let me know ASAP, so that I can make the proper arrangements and get out some publicity.

Thanks again for your much needed input!!

73....Maria

SOLAR REPORT:

Activity levels appear to be on the rise. (This is good for 15 & 10 meters). Several regions this month have been "hotter" and more magnetically complex than regions of the past several months. Although in the declining phase of cycle 22, activity in cycle 22 has dropped too fast and is too low, when compared with previous cycles. Therefore a return to more active levels is likely and is probably what we are beginning to see. Most experienced observers expect to see an increase in activity with a peak sometime around September with average 10.7 cm flux levels about 160

Tnx, K2JF/John

Ways & Means Committee

Our first 50/50 raffle for 1992 was awarded on July 1, 1992 -- to a Club Member -- KB2AYU. Congratulations All! Thanks to the members who participated. Anyone still holding tickets and/or stubs, must return them to a committee member. Our State Licensing requires us to collect and account for all tickets printed.

Future Raffles will be drawn at the October and December General Membership Meetings. Tickets for these Raffles will be available one month before the drawings at the September and November Meetings. If you can't attend a meeting Tickets will be available from any Committee Member. Thanks and 73,

N2FNF, N2AKL, N2DWR

Novice Changes Proposed **ARRL BULLETIN 69 ARLB069**

The FCC has issued a notice of proposed rule making in PR DOCKET 92-154 that would require Novice class license examinations to be administered by the volunteer examiner program, which now administers all other license class examinations. The plan is essentially as proposed by the ARRL and W5YI volunteer examiner coordinators and described in April 1992 QST, Page 63. The FCC'S NPRM notes that the codeless Technician class is now the entry-level license of choice over the Novice class, that the FCC is burdened by an application error rate of 9.4% for Novices as compared to only 0.8% for VE-administered examinations, and that no Pass-Versus-Fail records are available from Novice examinations, as they are for VE-administered exams.

The FCC believes bringing Novice exams under the VEC system would be in the public interest, saying the VEC system "has demonstrated both its efficiency and its integrity. We conclude that Novice class amateur operator examinations would benefit from those same two virtues." Opposition to this plan has been primarily a concern that Novice examinations would not be as readily available, especially in sparsely populated areas of the country. The League's response was that the explosion in new Technician class licenses since the advent of the Codeless Technician class in April 1991, would indicate that VE examinations are readily available in most areas. The FCC NPRM did not directly address the questions, although alluded to it in noting that the Novice is no longer the preponderant first license. The comment deadline is October 9, 1992. Reply comment deadline is November 9, 1992.

Protect Your Receiver

To protect your receiver's input circuitry in high-RF environment (such as multi-operator contesting Field-Day), solder a grain-o-wheat bulb in series

with the antenna line inside the rig to act as a fuse. The resistance will be low when the filament is cold and the bulb will burn out if too much RF gets into the circuit. The Radio Shack 272-1139 bulb (1.5 volts at 25 mA) is a good choice.

Tnx to W2PAU/K2JF

The 'Spotter' Says...

Many thanks Bill (N2FZ) for such a very nice professional looking sign at the entrance to the Club's site. It sure does look nice and a real good job.

ALSO...

Congratulation Ralph (N2FJL) on your successful crossing the Atlantic in your Sailboat. Sorry to hear about the head-mast, but glad you made it in time for the Olympic games. I guess your "sail" back on the 747 was a little faster and smoother.

Tnx "The Spotter"

September Crosstalk

Input Deadline is Sunday, August 22, 1992!

As in the past, you can leave packet messages to N2DUZ at KF2AW's BBS or even on my own N2DUZ-10 -- Both are on 145.070. Input can also come in the form of ASCII files on floppies(Just ask WA2IBZ!), both 3.5 & 5.25 inch, or just write it up and mail it to me. Even phone calls can generate an article! Thanks.....

N2DUZ/Crosstalk Editor

HAMFEST VOLUNTEERS NEEDED!!!

SIMULATED EMERGENCY TEST (SET) JUNE 13, 1992.

CRITIQUE: Gloucester county ARES, RACES had 22 amateur radio operators take part in the exercise, starting at 8:00 a.m. and lasting until approx. 12:30. Some 45 messages were passed between Woodbury EOC the eight township's, the mobile comm. van, county comm. center in Clayton and the Red Cross. Most messages were in formal form although some were casual comments. In general most of the operations of the amateur radio operators went smoothly. In Deptford, Franklin, Harrison, Logan, Monroe, National Park and Washington Twps. things went like clock work. Keep in mind this was the first time some of the operators had been involved in traffic handling. As such we teamed new operators with old timers so as not to cause problems.

However there were some trouble spots:

1- The operator in the Red Cross center had antenna problems that caused him to be weak but not unreadable. He went out in the parking lot to his car and used his mobile radio for a time then found a very good spot inside the building. The Red Cross asked if we would put an outside antenna on their building to solve the problem for the future. We are working on doing that.

2- In the county EOC some of the messages given to the operators were so poorly written that neither the operator nor the person who wrote the message could read it. Additionally in the EOC county officials answering formal messages were not writing formal answers causing much confusion.

3- In the Clayton Comm. center the operators were very disappointed in the use of their services. The people in Clayton had no idea of the capabilities the amateurs had or why we were there. The operators were friendly, but made no use of the amateurs. There was at least one time when Clayton complained as to not having communications with the mobile comm. van.

They asked the amateurs if we could provide the needed communications. This is not a new problem. Clayton has never used the amateurs in any of the exercises. This is a real problem as there are times the amateurs can communicate when it is not possible to do so from the comm. center.

4- Mobile Comm. van was probably the largest concern to the amateurs. At Clayton the amateurs were not aloud to enter the van as there was no room in side. They were forced to follow it to Geetes dinner where it sat until 9:30 am one and a half hours into the SET. When officials in the comm. van left the dinner they realized they had forgotten their radio walkie talkies leaving them back at Clayton comm. center. A car was sent back to Clayton to pick up the walkie talkies, the van went to a fire house then on to the disaster site. The amateurs again tried to gain access to the comm. van. They were told there was no use being in the van as their equipment did not work. The van was parked in such a place that if there were a real emergency it would have been destroyed. The amateurs are very concerned as to how those in the van knew the amateur radio equipment was not working. Amateurs used the van for a previous drill and all was working fine. It is against federal law for any one not having an amateur license to operate amateur equipment. It was made very clear to the two amateur operators assigned to the van that they were not wanted. This situation needs to be corrected.

The ARES RACES amateur radio operators enjoy the opportunity to serve the community and hope that their services in emergency and non emergency situations will be useful. We would be more than happy to discuss or demonstrate the capabilities of amateur radio communications to anyone necessary toward solving the above mentioned problems.

Submitted by:
C.A. Naylor
Gloucester County Radio officer

ATLANTIC DIVISION LICENSE TEST SESSIONS

AUGUST & SEPTEMBER 1992

Confirm all information with the contact person before appearing for a test. Tests coordinated by any VEC can be included in future bulletins, if information is sent well in advance by the VE team leader to W3ABC or WT3P to the packet addresses given below or to addresses shown on QST page 8.

MARYLAND/DC

AUGUST

- 08 -- Anne Arundel RC, Davidsonville.
Nancy Alley,
(LAUREL)
- 08 -- Frederick ARC, Frederick, 9 AM.
Rick Ogden,
(ARRL)
- 15 -- Laurel ARC, Laurel, 10 AM.
John Creel,
(LAUREL)
- 20 -- Baltimore ARC, Towson. 7 PM.
Robert Kennick,
(ARRL)
- 26 -- MD Mobileers, Glen Burnie
Jerry Gavin,
No walk-ins

SEPTEMBER

- 06 -- Landover, 10 AM.
Freddie Battle,
(ARRL)
- 19 -- Laurel ARC, Laurel, 10 AM.
John Creel,
(LAUREL)
- 29 -- MD Mobileers. Annapolis.
John Kohl,
No walk-ins (ARRL)

SOUTHERN NJ

AUGUST

- 04 -- GE Camden ARC, 11:30 AM.
Timothy Ohrman,
No walk-ins (ARRL)
- 20 -- Bellmawr, 7 PM.
Bill Helmetag,
(W5YI)

SEPTEMBER

- 17 -- Bellmawr, 7 PM.
Bill Helmetag,
(W5YI)

- 19 -- Delaware Valley RA, 12:30 PM.
Don Wright,
(ARRL)
- 23 -- Old Barney ARC, Manahawkin,
Bill Mays,
(ARRL)

73 and good luck on your upgrade!

de

Hugh Turnbull, W3ABC,
Director Atlantic Division ARRL
@ WA3ZNW
Kay Craigie, WT3P,
Vice Director Atlantic Division
@ WB3JOE

SVARC HAMFEST

Don't forget the SVARC HAMFEST on August 2 at Berryville, VA

73 Royce W3CSG @ WB4D.VA

DX DEDOT

By: K2JF/John Fisher

S2 Bangladesh..... S21a is reported to be on the air officially. He has been heard on 21295 1500-1700 UTC. He likes 14256 at 0030 UTC. QSL W4FRU NOTE...CQ Magazine DX operation IS ACCEPTING S21NQ and S2/WZ6C for DX credit. ARRL at present is not accepting these two for DXCC credit.

VO2 CQ Zone 2.....Mike GM4NSZ will be active from VO2 August 7-21 on CW and SSB. He'll pay special attention to the 12 meter band.

H44 Solomon Islands.....H44GC from 0800 UTC Friday August 7 until 0800 UTC Sunday August 9. Suggest frequencies (SSB) 28480, 21380, 14280 and 7080 kHz. (CW) 28040. 21040, 14040, and 7030. QSL via K2PF. This is to commemorate the 50th anniversary of the battle for Guadalcanal.

TY Benin..... TY1IJ is active now, but the length of his stay is unknown. Look at the usual DX frequencies and nets.

KH9 Wake Island..... KK4DK will be there now through September 1 with lots of RTTY.

XU Kampuchea (Cambodia)... Manfred XU/DJ4OF is active now from Kampuchea. He will be there for 9 months. Look for him around 14014 at 1400 UTC.

D2 Angola..... D2CW is now active and will be there until August 13th. He will spend over 80% of his time on CW. Look mostly on the 160, 80 and 40 meter bands. (Heard him on 7005/008 Saturday at 0040 UTC). Also D2/PA3BTQ will be signing by now till end of month.

ZY0 Fernando de Noronha..... Look for ZY0FZI & ZY0RW this one has been heard on 21295 at 1900 UTC. Length of stay is unknown, but WFWL.

PF St. Pierre & Miquelon..... Vince G3TKN will be active as FP/G3TKN AUGUST 7-10.

FP/VO1MP will also be active on all HF bands. Mainly on CW. (Check around 20 kHz from the bottom of each band.)

ZC4 UK Sovereign Base Areas of Cyprus..... A group of FOC operators will be active August 4-11 CW only on all bands 10-160. They will sign ZC4XSW, ZC4TXF & ZC4FOC. They will be active during the WAE CW contest.

5H Tanzania.....Running until Sept. 4 call signs 5H3NU & 5H1ITY on the following frequencies. (CW) 1840, 3520, 7020, 14020, 21020, & 28,020 (SSB) 1845, 3789, 7058, 14195, 21295 and 28495. They well are well equipped for operation on all the above bands.

Well as you can see there is lots doing this coming month in DX. So go get it and see how fast you can get your cards for DXCC.

Oh yes don't forget, N2FJQ is your man for W.A.S. If you got your cards give Al a call.

Remember first time DXCC cards will be counted at the GCARC HAMFEST, so have them ready. If you need help is preparing your submission why don't hesitate to call.

C U in the Pile-Ups

K2JFJohn

Once Upon A Time.....

This is the story about four people named everybody, somebody, anybody and nobody.

There was an important job to be done and everybody was asked to do it. Anybody could have done it, but nobody did it. Somebody got angry about that because it was everybody's job. Everybody thought anybody could do it but nobody realized that everybody wouldn't do it.

It ended up that everybody blamed somebody when nobody did what anybody could have done.

Did you get it?

A MATTER OF OPINION

Nearly every organization or club has a problem similar to our own: Most of the work required for the welfare and even the survival of G.C.A.R.C. is accomplished by a core of relatively few people despite repeated appeals to the general membership for assistance. This small number of members continues year in and year out to perform the required responsibilities and tasks for our club's ongoing operation and success in reaching its objectives.

Each one of us, I believe, would agree that this is not fair. However, it is very obvious that *each one of us* is not prepared to make an investment of his or her time to correct this widely recognized problem in our club. Payment of dues alone, plus participation in the club's activities – including the basic objectives of amateur radio – is not in itself an assurance that our club will remain vital and survive. So what can be done in order to correct this widely perceived inequity? The inequity can even be underscored by the obvious fact that the majority benefits from the heavy contribution of the few.

In business, or even in life in general, sound judgement dictates that to correct a serious problem, often serious or drastic corrective action is absolutely necessary. Unless we in G.C.A.R.C. are satisfied that we do not have a problem – that in fact our present and past manner of operation is completely acceptable – we should take some drastic action to change a continuing situation which I believe is not at all satisfactory to the majority of our members.

As most of you are well aware, any proposed change will have its supporters and non-supporters. Those who would not support a change in the status quo will put forward all kinds of objections reflecting their individual opposition to a change. Some of their opinions and their logic will sound very convincing. What you should ask yourself is: Do these arguments against a change benefit the majority of our club members, or only a selective minority? Is any change needed? And if so, is it equitable, reasonable and generally beneficial to the majority of our membership?

If you believe that some change is needed – and not only needed, but long overdue – then consider carefully and with an open mind the following option.

PROPOSED CONSTITUTIONAL AMENDMENT

G.C.A.R.C. IS AN ORGANIZATION WHICH IS OPERATED UNDER A MEMBERSHIP-APPROVED CONSTITUTION. THE CLUB MEETINGS ARE CONDUCTED ACCORDING TO *ROBERT'S RULES OF ORDER*. CONSEQUENTLY, A MOTION IS ALWAYS IN ORDER. THEREFORE, I INTEND TO MAKE THE FOLLOWING STATEMENT AND MOTION AT OUR NEXT MEETING:

IN ADDITION TO THE PRESENT RULES AND PROCEDURES FOR INITIAL AND CONTINUING MEMBERSHIP IN G.C.A.R.C., AND BASED ON A RADICALLY NEW CONCEPT THAT – CONTINUING MEMBERSHIP IN G.C.A.R.C. SHOULD ALSO BE A PRIVILEGE THAT IS EARNED IN ORDER TO BE RETAINED – I MOVE THAT THE CLUB CONSTITUTION BE AMENDED AS FOLLOWS...

"DURING JANUARY OF EACH YEAR THE MEMBERSHIP COMMITTEE WILL REVIEW EACH MEMBER'S CONTRIBUTION TO THE GOOD AND WELFARE OF THE CLUB, PROVIDING HOWEVER THAT SUCH MEMBER HAS BEEN A CLUB MEMBER FOR NO LESS THAN THE PAST TWELVE CONSECUTIVE MONTHS. IF, BY MAJORITY VOTE OF THE COMMITTEE, A MEMBER HAS NOT MADE AN ADEQUATE CONTRIBUTION TO G.C.A.R.C DURING THE YEAR, THE COMMITTEE WILL RECOMMEND TO THE BOARD OF DIRECTORS THAT SUCH MEMBER SHOULD BE SUBJECT TO SUSPENSION/EXPULSION IN ACCORDANCE WITH ARTICLE VI, SECTION 10., OF THE CONSTITUTION. FURTHER, THE MEMBERSHIP COMMITTEE BY A MAJORITY VOTE WILL HAVE THE AUTHORITY TO CONSIDER WHETHER A MEMBER'S PRIOR YEAR OR YEARS OF CONTRIBUTION TO THE GOOD AND WELFARE OF THE CLUB CAN JUSTIFIABLY BE THE QUALIFICATION FOR CONTINUING MEMBERSHIP.

A MEMBER'S QUALIFYING CONTRIBUTION FOR RETAINING HIS OR HER MEMBERSHIP WILL BE REVIEWED ANNUALLY BY THE MEMBERSHIP COMMITTEE.

THE MEMBERSHIP COMMITTEE, INCLUDING ITS CHAIRPERSON, SHALL CONSIST OF FIVE MEMBERS AND WILL BE APPOINTED BY THE PRESIDENT IN ACCORDANCE WITH THE BY-LAWS, PARAGRAPH 6.

CONTINUING GENERAL MEMBERSHIP INPUT TO THE MEMBERSHIP COMMITTEE IS NOT ONLY WELCOME, BUT ALSO NECESSARY, IN ORDER TO REFLECT THE DIVERSIFIED VIEWS OF THE MEMBERS.

WHEN APPOINTED BY THE PRESIDENT, THE MEMBERSHIP COMMITTEE MEMBERS WILL NOT CONSIST OF ANY CURRENT CLUB OFFICERS OR TRUSTEES."

MILT MARDER -- WA2FGA
