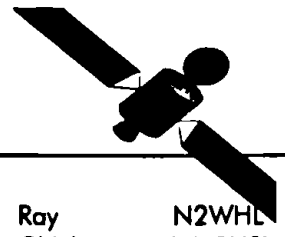




W2MMID



Gloucester County Amateur Radio Club

1994 Officers

President	Charlie Olinda	N2SRQ
Vice President	Gus Bendler	N2TXW
Treasurer	John Zaruba, Jr	AA2BN
Recording Sec.	Chris Chamberlin	N2IVN
Corres. Sec.	Cory Sickles	WA3UVV

Directors

3 Yr (94-96)	Bob Krukowski	WA2UDO
	Steve Fidler	N2GVR
2 Yr (93-95)	Leroy Brady, Jr.	KB2ODL
	John Lloyd	KA2EZN
1 Yr (92-94)	Jim Mollica Sr.	K2OWE
	Beth Barnish	KB2EAL

Trustees

4 Yr (94-97)	Thomas Mawson II	KE2SC
3 Yr (93-96)	Marla Bozarth	N2DWR
2 Yr (92-95)	//OPEN//	
1 Yr (91-94)	//OPEN//	

GCARC Meetings

General Membership:

8 p.m., 1st Wednesday every month, Deptford Elks Lodge, Highland Ave., one block from Egg Harbor Road.

Board of Directors:

8:00 p.m., 3rd Wednesday every month, GCARC site, Harrison Twp. 4-H Grounds (approximately one mile south of Mullica Hill on Rt. 77).

Club Repeaters

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

1994 Committee Chairpersons

Advertising	Ray	N2WHL
ARES/RACES	Chick	WA2USI
Awards	Jack	K2ZA
Banquet	Marla	N2DWR
Budget *	Charlie	N2SRQ
Callbook Info.	John	K2JF
Chaplain	Tom	N7GBH
Clubhouse Site *	//OPEN//	
Constitution *	//OPEN//	
Crosstalk	Greg	WN2T
	Don	N2WFM
Data Processing	Skip	KE2SC
DX	John	K2JF
Field Day *	Steve	N2GVR
Hamfest *	John	KA2EZN
	Bill	N2QEB
Heath & Welfare *	//OPEN//	
Help	Ken	KN2U
Historian/Archivist	//OPEN//	
Hospitality *	Glen	N2YIO
Legislation	//OPEN//	
Membership *	Drew	N2UNG
Nets	Steve	N2GVR
Nominations	Charlie	N2SRQ
Publicity *	Ray	N2WHL
Repeaters *	Chuck	WA2TML
Scholarships	Greg	WN2T
Special Services	Al	N2FJQ
Sunshine	Marla	N2DWR
Technical	Ken	KN2U
Training & Testing	Bill	WA2VQG
TVI	John	K2JF

(* Standing Committee)

NETS

ARES/RACES - Sundays, 2200 Hrs
(147.780/180 & 223.06/224.66 Repeaters)
10 Meter - Sundays following the
ARES/RACES net (28.350 Mhz)



PIANO TUNING AND REPAIR

A poorly kept piano - one that is suffering from broken parts, ill adjusted pedals or sticking keys - will discourage any piano student and impede progress in becoming a better player. Call...

T.D. Church - Piano Service
(a.k.a. N7GBH)

Assoc. Member Piano Technicians Guild



President's Message

Last month's meeting was very nice...but one of the high points was the awarding of Chick Naylor, WA2USI, with the 1993 Milt Goldman award. This is an award that is given to individuals who have rendered exceptional service over the years to the advancement of Amateur Radio, especially in our little "corner" of the world, Gloucester County. Chick has done just that over the years and my hearty congratulations go out to him!

We have many other people in our club who have been working with that same "spirit" as a driving force....to them I would implore...don't grow weary in well doing! Giving of yourself to another person is one of the most rewarding things you can do...keep up the great work!

For a number of months I have been talking to a local Ham, as he and I make our commute to our work QTH. By trade he is an engineer and really enjoys it. I met Lou through a mutual friend, Ray, who now is retired from the electrician's field. Lou, Ray and I have engaged in many very interesting technical discussions, but one subject that we spoke on may have a tremendous bearing on GCARC.

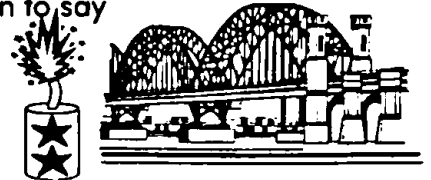
That subject was tuning an antenna: True, you can "pump" wattage into a piece of coax at a specific frequency, let it make its way to the antenna and hope that most

or all of the RF energy goes out into ether (that RF conductive "something" that allows my signal to reach out and touch someone). If that RF energy does not all make it out of your set, through the coax and out of the antenna, it doubles back and comes flying at the fi-

We have many other people in our club who have been working with that same "spirit..."

nals in the radio...this is called reflected power, which is more affectionately known as VSWR. As most all Hams know the "ideal" ratio is 1:1. However, I might add that it is practical to have VSWR

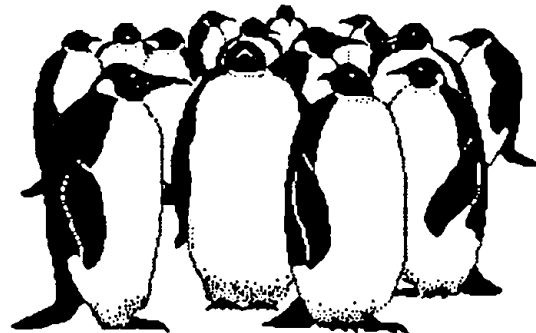
ratios much higher....but that discussion is out of my league at this point! After I mentioned this traditional approach to tuning the antenna, Lou said that he had built something some years ago as a Club project...something called a Noise Bridge. Lou went on to say



that the Noise Bridge allows you to tune the antenna for the maximum noise level, hence the greatest received potential for a certain frequency.

I immediately flashed back to the days that I was installing new ra-

Cont. page 2



Please Join Us

**COME OUT AND JOIN THE FUN AT
THE ANNUAL BEEF AND BEVERAGE NIGHT!
HAVE A WONDERFUL EVENING SOCIALIZING
WITH FELLOW CLUB MEMBERS...**

OCTOBER 5TH 1994

8:00 PM AT THE ELKS LODGE



The Gloucester County Amateur Radio Club sponsors a Club award through its Awards Committee. The award is entitled, "Worked All GCARC Members Award."

The award is a certificate with appropriate endorsements which is available to members of GCARC who have submitted proof of working on the air at least 15 members of the Club. It is also available to non-members of the Club who submit proof of working at least 10 members.

Proof of having had on-the-air contact with Club members shall be a list showing the following details of each contact: **Date-Time-Call of station worked \ Name of operator worked \ Frequency band and mode.**

The Committee will accept hand-written lists, typed lists, or photocopies of actual logs. The list must clearly show the name, address, and call of the person applying for the award. The certificate is presented when the first 15 members are worked, and seals are provided to be added to the certificate for 30, 50, and for each 10 members worked beginning with 60. The Committee retains the lists submitted, so as additional members are worked, it is only necessary to submit additional lists of proof.

For additional information, see Jack Zaruba, K2ZA.

dios in cars. The best way to adjust the antenna to the radio was by setting the radio to about 1400kc AM on the radio dial and tuning for a good batch of "static." Then I adjusted the "antenna trimmer" until the radio gave the maximum static sound out of the speaker (QRM, QRN). At this point the antenna is resonant to that particular frequency.

Over the next year, Lou, Ray and I talked a few times about this "Noise Bridge" that he built. Just last week the subject of that Noise Bridge came up again...this time Lou said that a guy by the name of Charlie stirred up the interest in "Noise bridges" back in the 70's. When I asked what Charlie's call was, Lou began trying different combinations of numbers and letters until they sounded right, and came up with K2PQD! I almost jumped out of my seat!...."I know Charlie, K2...Pennies, Quarters and Dimes"!

Later that day I came into range of the GCARC repeater and mentioned the "Noise Bridge" to the gang. I asked some questions about it and some members of GCARC remembered the "Noise Bridge." I would like to tell you more about this marvelous device but I am not technically able to continue...maybe homebrew project.

This idea is not original with me. Our Club has done it before with much success. Let me know what you

think about this!

To close out this month's President message, I would like to let everyone know that I will be unable to

There is no reason that we can't have that same spirit of discovery in our club today. We are moving in that direction...

help out next year in the same capacity in our club. Last October I was approached by the Boy Scouts in our town if I would help them by taking the position of Scout Master for our troop in 1995.

Within a few weeks I was approached by the GCARC Board of Directors about the possibility of running for the office of President. Boy did I have to do a lot of thinking about that! When I went to the December meeting we had the normal crew out to the meetings. They would probably remember it....that was the time that the Elks lodge made a mistake and scheduled a wedding reception! We had to go to the Five Points diner to have our meeting. At that meeting a vote was taken concerning whether or not I should be elected as President of this GREAT CLUB. The vote was unanimous...at which time I

asked the membership at that meeting the same question that I asked at the June 1993 meeting (concerning 4-H parking). If I do accept this responsibility, do I have your support? I mean are you willing to help? On both occasions the 50 or so people who were in attendance said "YES." I have to say that those people for the most part have helped the Club along. However, we unfortunately have gained very little ground because we have within our club those who would seek to have it their way, or nobody can play!

For every negative action it takes 7-8 positive actions to break even. When you are action-oriented as I am, this is an alarming ratio and almost impossible to counter. If you have been sitting on the sidelines watching as these things have been happening, I would ask you to go out of your way and try to do some positive things, if for no other reason than to keep this Club going forward.

I must say that the folks who have helped this year have done a great job.....and to them I would say a hearty, "Thank You!"

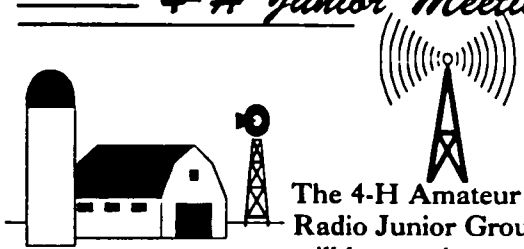
We have the opportunity to nominate those who we feel would carry the torch for GCARC into the year 1995. Please give this some careful thought...Make sure that those who would do these important jobs have the following qualifications:

MATURE: Do their decisions reflect the needs of the group and NOT their selfish interests only. Will their decisions help to make our Club better this year as well as years to come?

RELIABLE: When they volunteer to do something...do they go out of their way to make sure that the job gets done...OR...do they constantly use every excuse in the book not to do the job? Has their attendance at gatherings and special projects been good...remember... "Where your heart is, there your heels will follow"!

COMPASSION: Is their compassion genuine?...You don't hear much about this today...but you have to be compassionate for your fellow Hams if you expect to lead them...Make sure that you choose someone who has this quality.

4-H Junior Meeting



The 4-H Amateur Radio Junior Group will be meeting on the 4th Friday of every month at the GCARC Club Site.

This group, which is for Grades 5-12, will be working with GCARC members Bob Budd, KB2EAH, Walt Seitz, Jr., KB2JCG, and Charlie Olinda, N2SRQ.

We're confident that the young people of this organization will want to pursue their ham licenses and join our great fraternity!

A HAM: You are probably thinking...well they better be a HAM! In the Navy a Captain earns the title "Old Man" by his crew...so the term HAM should be an earned position...and I might add that position can be lost, as is the case with some former HAMS I know. Is there still the thrill in going to a hamfest for the fun of it? That will tell you whether or not the love for Amateur Radio is there or not. Is the candidate for office known to be a HAM Radio Operator or not? ... an important question.

STICK-TO-IT-IVENESS: You probably have heard the adage, "When the going gets tough, the tough gets going. "There is a bit of truth to this...Is the person the type of person who gets mad and says, "Do it yourself...I quit!!!!" -- or do they try to find a way to achieve the goal by using a different tack?

HONEST: With themselves and with others.

TEAM MEMBER: Are they willing to work together as a team member? This is really a rough assignment...we all know the best way to get a job done....and I guess that any of the ways to do something is good, as long as it works. But only one way can be used! Is the person the type who will be willing to put an idea away and endorse another for the good of the Club, or are they the type who

goes away pouting when it isn't done their way? This attitude takes us back to the top of the list...Mature!

As you can see the list is long when you put this on paper. The folks we nominate for the positions of leadership must contain these qualities. Maybe you are one of those people who could take the responsibility. I believe that every personality trait (leadership included) is contained with any group that is formed: auto mechanics class, RF design team

For every negative action it takes 7-8 positive actions to break even....

within a large company, Avon, McDonalds fast food or Amateur Radio clubs. Just do your part and

that is all that I ask! If you have talents ..PLEASE... try your best to use them for the good of the Gloucester County Amateur Radio Club...Thanks!

...73...N2SRQ, Charlie Olinda



HAPPY BIRTHDAY!

WB2CAK	Jerry Barnish	10/27
KA2OSV	James Clark Sr.	10/26
K2JOL	Robert Houck	10/26
N2BK	William Kardas	10/30
N2FKS	Michael Lipnitz	10/11
N2RTX	John Litsch	10/27
KB2ETX	Jeff Marder	10/24
KB2OWC	Thomas Moyer	10/02
N2FZ	William Mollenbauer	10/09
N2QED	Donna Reed	10/07
----	Michael Scanzello	10/26
N2NAX	Richard Stein	10/21
K2ZA	John Zaruba	10/09

Thank you!

Thanks to these great people who helped at the 1994 GCARC Hamfest! You helped to make this important event a great success!

Diane Budd and Brian Budd (non-members)
Mike Coles (non-member)
Robb Jump
Sam (N2DWE)

Goldie (N2YNB)
Steve Bromhead (awaiting call)
Bill (N2YIM)
Edie Clark (non-member) -- "The Keeper"
Ray (N2WHL)
Sonny (WB2DXB)
Glen (N2YIO) and his nephew, Ed Palmer (non-member)
Steve (N2VVP)
Beverly (N2VVQ)
Tony (KA2FFS) -- (non-member)
Irma (N2FNF)
John (N2WSI)
Rose (KB2AJP) -- (non-member)

Jamboree- on-the-Air

Begins Sat., Oct. 15 at 0800 and continues through Sunday, Oct. 16 'til 2400 at Camp Roosevelt, Elmer, N.J.

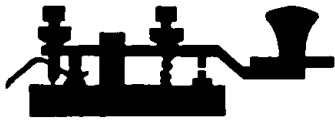


Come out and lend a hand to this great international activity!



Thanks to Ken, KN2U, for an interesting and informative presentation, entitled, "Boy Do I Do Stupid Things." Well, Ken's presentation was far from "stupid." He gave us some excellent tips on battery hookups and diodes to prevent "fireworks" and trips to ham stores for new parts.

AHA!
Look what's part of Crosstalk...

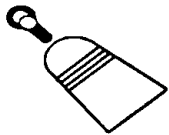


DX REPORT

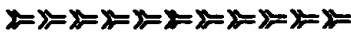
V2 Antigua.. The Frankford Radio Club (FRC) sponsored Team Antigua and will be active on CW and SSB, Oct. 26 to November 2. The call will be V26B during the CQ Worldwide contest; also, look for V26A, V26E

before and after the contest. V5 Namibia.. V59T will be active on Oct. 25 - Nov. 6, including activity during the CQ Worldwide SSB contest. Before and after, look for V51/home call from a bunch of U.S. hams. V6 MICRONESIA.. JA0VSH and YL, JG0PBJ will operate V63KZ and V63MP, Oct. 1-10. They will operate CW and SSB from 0820-2033Z. 3B8 MAURITIUS.. JA1OEM will operate Oct. 14-22. He has a license but call sign is undecided. He'll be on CW and SSB, concentrating on the low and new bands. D6 COMOROS.. JA1ELY, JA1ETQ, JA1IDY and JL1UXH will operate from the Comoros, Oct. 24-26 and Oct. 29-31. Call signs will be picked up from Comoros. FH MAYOTTE.. The same bunch will appear on Mayotte, Oct. 27-28. FR REUNION ISL... JA1OEM will operate from Reunion, Oct. 25-30. 5R MADAGASCAR.. Same guy will be active as 548HP, Nov. 1-20. CK1.. Prefixes may be used by Cape Breton Island in Oct. to celebrate the 210th anniversary of the colony. VR6 PITCAIRN ISL... VR6PAC is active on Wednesdays on 14255 at 0100 Z. QSL direct to P.O. Box 73, Pitcairn Island, via New Zealand. Lots of good activity on the 40 meter CW band and 80 meters is getting better as the winter nights come on. Geomagnetic field is settling down, and the QRN is dropping. QSLs received: TN0CW, 9H1EU, XU8DX, and 4S7WP. CU in the pile-ups! 73 de John, K2JF.

TKS to all!



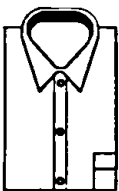
Thanks to all those Club members who helped to fix up the trailer at the site! A new kitchen floor has been installed, the furniture has been rearranged, spot lights put outside, and the TV is working!



C.R.O.P.



Don't forget the walk-a-thon to fight hunger on Sunday, Oct. 16! (See last month's Crosstalk for details.)



If you would like to obtain embroidered Club emblems on jackets or sweatshirts, you can obtain them from N.J. Monogramming in Erial.

Tell them you want the GCARC monogram. Prices vary according to material, but front and back on a typical jacket runs about \$60.00. If you have any questions, see Joe, N2KLE.

**Deadline for
Nov. Crosstalk
is Fri., Nov. 18**

Want an answer to a technical question? Having problems with SWR ? (We know if it "ain't" 1:1 the rig will implode - just kidding.) Or, maybe you would like to explore ideas for building projects, Club presentations, outings? And, there's nothing wrong with having a good time with a nice bunch of people, too! All this can be yours on Friday nights at the Club site. Come on out around 7:00 p.m. and shoot the breeze!



Congrats to Sept. 50/50 winner Pete, KA2D37.

Would you repeat that?



As reported by Chuck, WA2TML, the 220 Machine has been down a month as a result of lightning damage. A new antenna is on order and the machine should be up again shortly.

Chuck also mentioned that the status of the 440 Machine is under review. Although the Board has approved a temporary move to Barnsboro, other options were discussed at the Club meeting. The Technical Committee and the Board will be pursuing the matter for resolution.

The GCARC Club Annual Family Picnic was held this year at Fort Mott State Park. We had a wonderful




time together - talking, horsing around, taking a guided tour of the Fort Mott Museum and the actual three batteries that were used to protect our area from invasion. (I'll have brochures at the next meeting.)

In all we had about 30 folks out this sunny afternoon. Joe DiNovi, WA2GFK, was our cook and did a great job. Many of the folks brought some of their favorite dishes...so as you can imagine we had quite a feast. We really have much to be thankful for!

Thanks to all that helped this be a fun time for all.....
73..N2SRQ...Charlie Olinda

OCTOBER 1 - 31, 1994

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						Oct. 1 Calif. QSO Party-10/1-2 <hr/> RSGB 21/28 mhz SSB Test <hr/> VK/ZL DX Test-Phone
Oct. 2 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest-Pack Rats Warrington, PA	Oct. 3	Oct. 4 Ham School-Bellmawr 7-9:30 p.m.	Oct. 5  <div style="border: 1px solid black; padding: 5px; background-color: black; color: white; text-align: center;"> GCARC General Membership Meeting 20:00 </div>	Oct. 6	Oct. 7	Oct. 8 Ibero/Amer. Test-10/8-9 <hr/> Illinois QSO Party <hr/> PA QSO Party <hr/> VK/ZL Test-CW - 10/8-9
Oct. 9 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest-Pack Rats Warrington, PA	Oct. 10 W1AW Qualifying Run, 35-10 wpm.	Oct. 11 Ham School-Bellmawr 7-9:30 p.m.	Oct. 12 YL Anniversary Party, CW - 10/12-14	Oct. 13	Oct. 14	Oct. 15 Hamfest-Radio Ama. Gr. Syracuse <hr/> Simulated Emerg. Test-10/15-16 <hr/> JOTA-10/15-16 <hr/> RSGB 21/28 Test-CW
Oct. 16 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest-Carlisle, PA	Oct. 17	Oct. 18 Ham School-Bellmawr 7-9:30 p.m.	<div style="border: 1px solid black; padding: 5px; text-align: center;"> 20:00 GCARC Board of Directors Mtg </div>	Oct. 19	Oct. 20	Oct. 21 Hamfest-Franklin, PA <hr/> Texas QSO Party - 10/22-23
Oct. 23 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest-Sellersville, PA	Oct. 24	Oct. 25 Ham School-Bellmawr 7-9:30 p.m.	Oct. 26 W1AW Qualifying Run, 10-35 wpm <hr/> YL Anniversary Party, Phone - 10/26-28	Oct. 27	Oct. 28	Oct. 29 ARRL International EME Competition - 10/29-30 <hr/> CQ Worldwide DX Test, Phone - 10/29-30
Oct. 30 20:00 ARES/RACES 20:30 10 Mtr Net on 28.350 Mhz <hr/> Hamfest-Westminster, MD	Oct. 31	