



W2MMD



President Charlie Olinda N2SRQ Vice President //OPEN// Preasurer John Zaruba Jr. AA2BN Recording Sec. Chris Chamberlin N2IVN Corresponding Sec. Cory Sickles WA3UVV Directors 3 Yr (94-96) Bob Krukowski WA2UDO Steve Fidler N2GVR 2 Yr (93-95) Leroy Brady Jr. KB2ODL Harry Jessen N2DUZ 1 Yr (92-94) Jim Mollica Sr. K2OWE Beth Barnish KB2EAL

4 Yr (94-97)	//OPEN//	
3 Yr (93-96)	Marla Bozarth	N2DWR
2 Yr (92-95)	Joel Supkow	KB2AYW
1 Yr (91-94)	Milt Marder	WA2FGA

Trustees

G.C.A.R.C. Meetings

General Membership;

- ♦ 8 PM, 1st Wednesday every month.
- ◆ Deptford Elks Lodge, Highland Ave. 1 Block from Egg Harbor Rd.

Board of Directors;

- ♦ 8:15 PM, 3rd Wednesday every month.
- ♦ G.C.A.R.C. site, Harrison Twp. 4-H Grounds. Approximately 1 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)

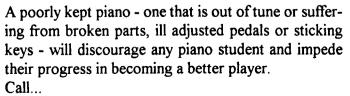
	Advertising	Ray	. N2WHL
	ARES/RACES	Chick	. WA2USI
_	Awards	Jack	. K2ZA
ď	Banquet	Marla	. N2DWR
\Box	Budget √	Charlie	. N2SRQ
O	Callbook Info	John	. K2JF
W	Chaplain	Tom	. N7GBH
<u> </u>	Clubhouse (Site)√	//OPEN//	
\mathbf{Q}	Constitution √	//OPEN//	
بكز	Crosstalk		. N2DUZ
. <u>1</u>	Data Processing		
π ?	DX	-	
7	Field Day √	Steve	. N2GVR
77	Hamfest √		
		Bill	
0	Health & Welfare √.		
8	Help	Ken	. KN2U
تہ	Historian/Archivist		
ب	Hospitality √	Andrew	. N2PKV
· 🗆	Legislation		
	Membership √	Drew	. N2UNG
7	Nets		
耳	Nominations √	Charlie	. N2SRO
_Q	Publicity √		
O	Repeaters √		
	Scholarships		
4	Special Services	_	
\mathbf{O}	Sunshine		
Ö	Technical		
Ĥ	Training & Testing.	Bill	. WA2VOG
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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



T.D. Church - Piano Service (aka N7GBH)

Assoc. Member Piano Technicians Guild





CROSSTALK

March 1994

President's Message

HAMFEST

The G.C.A.R.C. Hamfest for the 1994 year is on the way! You will note that I have put a capitol "H" on the word "Hamfest"...over the years the Hamfest has been a source of strength for Amateur Radio operators... Why is this so? What is the history of "The Hamfest? This would make an interesting story intertwined with some of the many snap shots that have been taken over the years.

Remember the great deal that you got at a Hamfest many years ago?...maybe you are still using it...maybe you gave it to a new Amateur to encourage them along the way.

Possibly Hamfest day is a time that you can "clear out' your shack with the express desire of making more room and gaining the additional capitol needed to purchase that "perfect" rig...

Meeting with friends that you only get to have an "Eye ball QSO" with once or twice a year...Enjoy good food and comrades...look at all the neat stuff(junk) for sale...upgrade to the next pinnacle for your personal conquest...ALL THESE REASONS AND MORE are good reasons to support Hamfest's!

This years Hamfest will be co-chaired by John KA2EZN and Bill N2QEB. They have already met a couple of times and are well on their way. I met with them a few nights ago and find that their biggest need is people to volunteer their help in the "Pre-Flight" type of work. Your talents can be very helpful in making this a great Hamfest.

August 28,1994 marks the date that we have the responsibility of running the "local Hamfest". We will have company coming and it is <u>our</u> job to make all of our visitors feel welcome and to help them realize the "Aura of the Hamfest"! For this to happen we must all chip in our time and talents. The phrase "Many hands make light work", could never be a truer statement.

Please volunteer your help to this important event. Your help will be greatly appreciated by myself and the other men and women that have already "rolled up their sleeves" to make our guests feel at home!

PROTOCOL

You have probably heard me say "There is nothing wrong with wearing bathing suits....but there is something wrong with wearing a bathing suit in Church!"

We have many new Hams(myself included)...that are trying to do our best at being good Amateur radio operators...we need "Elmer's" to help us along the way AND to be good examples. Everyone learns by example!

I have heard a few senior Hams of our club take the time to instruct the younger Hams in the proper VHF Protocol, this is the proper way to guide them through the "Learning curve"...I also know of Club members that will not use the 2 meter machine at all so they can avoid the problem. We are all responsible to help each other...any other way will not work!!!

The junior Hams need to help the Senior Hams take care of some of the more Physical aspects of Amateur Radio and the Senior Hams need to help the Junior Hams with the more technical type of things...together we MUST work together!

A big Thank You to all of those Senior Hams that have taken the time to help "train up the younger"...you will gain the benefit.

I guess that I should define the two words..."senior and junior"...

Senior - anyone that has experience about more of a given subject or topic than a junior. This in no way deals with age. I personally am the senior to some people and a junior to others.

Junior - This is someone that has just started on a journey and needs the guidance of those that have already been there. Once again there is no reference to age.

A quote from an ancient writing, states that "there are always lesser and greater than yourself" this is a very true statement.

"WATSON...THE GAME IS AFOOT!"

I started this paper with my "roof top" computer perched upon my Jetta. When I wasn't helping Steve N2GVR I would be refining my thoughts to Digital. We had a good time, and you can read more about it as you go

(Continued on page 2)

(Continued from page 1) deeper into this Crosstalk.

When Steve N2GVR first started talking about RDF last year I was very excited...then hearing about the fun that he had in the past years, really excited me for the future of RDF for our club.

We had four(4) registered teams out RDF'ing and one unregistered person. Every one did very well considering Steve N2GVR choose a tough site...The woods! Steve told me that the vegetation causes the RF to scatter giving strange readings. This made the hunt a little more challenging for some.

Many cars would drive past our location in the woods...I guess that these people were out for a "nice drive in the woods", however they must have thought that Steve and I were kinda strange...you ask why?...have you seen Steve's car recently?...Add to that a 4 element quad twenty feet up in the air supported by Steve's trunk...all of these facts explain why heads were turned in our direction!

I am looking forward to the next GCARC Fox-hunt...see you there.

4-H PARKING

I can almost hear it now..."Charlie...that event is about 6 months away, we have plenty of time". Well the fact is it is about 6 months away, BUT an important fact needs to be brought up...the 4-H has said that the turn out this year will prove to be a larger year than last...I ask myself..."Is this possible!"..I ask as one that was there last year... We are presently making plans for this influx of people and will need even more support from the GCARC membership. The good people at 4-H rely on us to take care of parking the many visitors to the 4-H fair. They reciprocate by giving us a donation to our Club...these funds help us in our operation every year.

DEPTFORD MALL

March 5th and 6th mark the dates that we will be able to "show off" our hobby. I spoke with the Board of Directors concerning this and they are in favor of us getting this going on an ongoing basis. Steve N2GVR has recently received a package of materials that we can hand out to the folk visiting our station at the Deptford Mall.

We need to have 10 people to help operate our station on a continuous basis during the Mall show. We need the following:

(Continued on page 3)

FROM THE BOARD OF DIRECTORS

ECAUSE OF THE PUBLIC NATURE of our club, it is necessary to advertise. Many newspapers are willing to put a public interest type of story and picture in their publication if we provide them. Also, we could use the photos as part of our historical record and to help keep moral high.

It is proposed by the Board that the club purchase the following items for this purpose:

- 1 'Point & Shoot' type of camera w/flash & batteries
- 4 Rolls of 12 exposure color print film w/processing

This would enable us to have a record of award presentations, Amateur Radio activities, etc. It is also proposed that this camera be the responsibility of the Advertising/Publicity Chairperson, and that this be added to that position description.

This matter will be open for discussion at the March General Membership meeting. If you have a point of view, let it be heard there!



For the month of March, 1994, the membership wishes the following members a Happy Birthday!!!

N2DJZ	JAMES De FORREST	3
N2IMH	JAMES CASTO	5
W2SPV	EDWIN KEPHART	6
WA2LET	WAYNE WILSON	7
N2TXG	DANIEL TREMOLINI	8
N2PLE	WAYNE CLIFFORD	9
N7GBH	THOMAS CHURCH	10
WA2FGA	MILT MARDER	12
N2FKT	DANIEL WHITE	12
WA2NPD	DOUGLAS GEHRING	13
WN2T	GREGORY POTTER	13
AA2BN	JOHN ZARUBA JR	13
KB2QCS	JEROME MORRISON	16
KB2BF	PAUL MUNZENMAYER	22
KB2ETT	JOHN CRONIN SR	25
N2HYS	JANICE GORMAN	27

Did we miss you? Then the information is not available to the Database Chairperson. Give Skip, KE2SC a call and let him know what YOUR day is!

FOX HUNT THE WINNER IS...

"Steve Sez"

NOVICE/TECH CLASSES

73, Steve, N2GVR

As you may know, the Hidden "T" was found on Saturday, February 17. We had a total of five hunter teams, but only four of them registered for the hunt at the Deptford Mall. The teams were...

KN2U & N2DWR	34.1 miles
KB2ETV	39.6 miles
N2KLE & N2KLD	47.7
N2WSI & N2WVP	Did Not Finish
N2WHY	Not Registered

From what I hear and understand, everybody had a good time and chased a lot of reflections.

ANOTHER FOX? LETS ALL FIND THIS ONE!!

This time the hidden "T" will be Scott, N2WKV. If you were involved in the February Fox Hunt or not, tweak up those antennas - or is it antenni? - and get ready for this one!

As before, it will be a 'jammer' on the W2MMD repeater, it will be timed type of hunt, and the fules are:

- 1: Hunt time starts at 0830, Saturday, March 12th.
- 2: Starting point will be wherever you want! (Try being at the center of the hunt area!)
- 3: Frequency to hunt is 147.780 MHz.
- 4: Boundries..Gloucester county south of, and including Washington, Glassboro and Elk Townships.
- 5: Hidden "T" will be:
 - * 5 watts, FM voice, Vertically polarized
 - * within 250 feet of access raod for passenger cars
- 6: If all hunters have not arrived by 1200 Hrs, the hunt will be ended unless the 'Jammer' and remaining hunters agree to continue
- 7: In case of bad weather, the hunt will be held; However, the 'Fox' will be on a blacktop road.
- 8: All involved will meet for lunch at the Five Points Diner at 1300

Follow the basic and common sense guidlines as before, and be sure to HAVE FUN!

FIELD DAY '94 JUNE 25-26

The first Field Day orginizational meeting will be held on Wednesday, 7 March, 1994 at 1930 hrs at the Clubhouse. We'll be needing lots of help so please try to attend. Call me at 694-0162 if you have any questions.

The club is forming an ARRL Novice/Tech class, to be held at the clubhouse If you know of anybody interested have them contact me soon, because the class is almost full. They can reach me at 694-0162, PASS THE WORD!!

We're also looking for HELP in the way of instructors. We already have the ARRL Video Tape Course to structure the class around. Give me a call if you can give us a hand. The more HELP we have the easier it will be.

ELECTRONIC CIRCUITS

YOU'LL SEE ELECTRONICS IN A WHOLE NEW LIGHT!

Watch electronics theory translate into practice as you travel inside the circuit and see how electronic devices work. You'll learn about biasing and coupling. You'll explore various amplifiers - audio, video, differential and operational - and their configurations. By the time you complete the Electronic Circuits video, you'll have a thorough understanding of basic electronic principles and applications. To get the most from this video, you should first complete the DC Electronics, AC electronics and Semiconductor videos or have equivalent knowledge.

Classes will be held at the clubhouse on Saturdays at 1300 hrs on April 2nd, 9th, 16th. 23rd, and 30th. Contact me if you plan to attend

HAMFEST 1994 SUNDAY, AUGUST 28

MMEDIATELY AFTER THE FEBRUARY General Membership meeting, four persons approached the President volunteering for the Hamfest Committee. The decision was made to have John, KA2EZN, and Bill, N2QEB, both co-chair this event.

The Hamfest is scheduled for Sunday, August 28th, and as in the past volunteers are needed for everything that has to be done. How about contacting either John, or Bill, to let them know what you would like to do. (As in past years, the Crosstalk Editor would like to handle the tailgaters!)

Come on! This is the <u>major</u> money maker for the Club, and unless it goes well we go in the hole! Let's try and do better than last year!!

(Continued from page 2)

- 1.)One operator and one person to answer questions for each shift
- 2.)Workers to help set up and take down Amateur radio equipment
- 3.)Someone to setup and take down our PA system

Please try to set this time aside...if you can help let Steve N2GVR or myself know, Charlie N2SRQ.

A WILDERNESS VHF PROTOCOL

Page 99 of the February 1994 edition of QST has a very important article that I believe we should try to adhere to. A plan that may save someone's life...Please read it...It doesn't cost anything to be an informed Ham...BUT...it may cost something if we are not informed. Thank You!

COMMITTEE REPORTS COMMITTEE CHAIRS...PLEASE READ

In an effort to conserve the precious time that we have at the monthly meetings...It has been recommended that each Committee Chairperson submit their reports to Harry, N2DUZ, for publication in Crosstalk...I agree with this and add that I would like each of my Committee Chairpersons to submit a little something every other month. The reason for this is so you can tell the general membership about events coming up or some operating procedure that needs to be followed so that we have a s-m-o-o-t-h running organization.

Submissions can be in the form of ASCII text files, packet message (N2DUZ @KF2AW, 147.070Mhz), or via modem (just be sure to call Harry to coordinate first).

In closing I want to thank all of the folk that have selflessly helped make this Club the respected organization that it is...Have a great month and I hope to see you at the next monthly meeting.

73,

Charlie Olinda N2SRQ

Article Deadline for April 1994 Crosstalk is 8PM, Sunday, March 27.

SENSE OF A GOOSE

THE FOLLOWING is excerpted from a recent AIRLANT Weekly:

"Sense of a goose? Did you ever wonder why geese fly in a "V" formation? We know that as each goose flaps his wings, it creates an uplift for the bird immediately following. It's been estimated that by flying this formation. the flock adds as much as 70 percent greater flying range than if each goose flew on its own. Whenever a goose falls out of formation, it feels the increased drag of trying to push on alone and quickly moves back into formation to take advantage of the additional lift. When the lead goose gets tired, he rotates back in the wing and another goose lies point. Geese honk from behind to encourage those up front to keep up their speed. Finally, when a goose is sick and falls out, two geese fall out and follow him down to help and protect him. They stay until he is either able to fly or until he is dead. Then they launch out on their own with another formation until they catch up with their own group."

...hmmm... We could learn a lot from geese!

(Thanks to WA2TML, Chuck, who provided the above from a recent NAWC Warminster SITREP Newsletter.)

FOR SALE

Ed Stetser, K2JJC, has the following items for sale:

Yaesu FL-101 - HF Transmitter Yaesu FR-101 - Communications Receiver Shure Microphone Heath SB-610 Monitor Scope

All items are in good operating condition and include manuals. He is asking \$300 for the package. Give Ed a call if you are interested.

NEEDED & WANTED

Herb, N2IZM, needs to buy, or borrow & copy, the owners and/or Service Manual for a Kenwood model TR-7950 2 meter FM transceiver.

If you can help Herb out, please give him a call Thanks!

February 27 - April 09, 1994

G.C.A.R.C. & Amateur Radio Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Feb 27 8:00 PM ARES/RACES 8:30 PM 10 Mtr Net	Feb 28	Mar 1	Mar 2 8:00 PM GCARC Gen. Mem. Mtg.	Mar 3	Mar 4	Mar 5 1:00 PM Ham Radio
Mar 6 8:00 PM ARES/RACES 8:30 PM 10 Mtr Net	Mar 7	Mar 8	Mar 9	Mar 10	Mar 11	Mar 12 1:00 PM Ham RadioEducation
Mar 13 8:00 PM ARES/RACES 8:30 PM 10 Mtr Net Hamfest - York, Pa.	Mar 14	Mar 15	Mar 16 7:30 PM B.O.D. Mtg	Mar 17 St. Patrick's	Mar 18	Mar 19 1:00 PM Ham Radio Education
Mar 20 8:00 PM ARES/RACES 8:30 PM 10 Mtr Net Hamfest - Monroeville Pa	Mar 21	Mar 22	Mar 23	Mar 24	Mar 25	Mar 26 1:00 PM Ham Radio Education »Hamfest - Timonium, Md.
Mar 27 8:00 PM ARES/RACES 8:30 PM 10 Mtr Net »Hamfest - Timonium, Md. Palm Sunday	Mar 28	Mar 29	Mar 30	Mar 31	Apr 1 April Fools Day Good Friday	Apr 2 1:00 PM Ham Radio Education
Apr 3 8:00 PM ARES/RACES 8:30 PM 10 Mtr Net Daylight Savings—set shead 1 hour	Apr 4	Apr 5	Apr 6 8:00 PM GCARC Gen. Mem. Mtg.	Apr 7	Apr 8	Apr 9 1:00 PM Ham Radio Education

Printed by G.C.A.R.C. Crosstalk Editor on 2/18/94

LEGEND:

'»Hamfest' indicates an ARRL Hamfest

'Hamfest' indicates a NON-ARRL Hamfest

DX REPORT BY: K2JF, JOHN FISHER

WELL THE BIG DX (3Y0PI) operation is over. They all got aboard the ship at 2200 Z Sunday. They are headed for the Drake passage. That is the area between South America and Antarctica. From there they will land on King George Is. which is owned by Chile. They are hoping that the Chilean Air Force will be able to take them to Ponte Rains where they will then charter a return plane(s) to their respective homes If they are unable to get the Air Force plane, they will then proceed to Capetown, Africa which will take another ten (10) days. The logs are all ok and they hope to get them back to the Bransons very soon. They did about 60,000 QSOs.

C31 ANDORRA...If you have recently work the follow stations, they are not authorized. You better work another C31 for a country count. C31/OZ3JK/M, C31LX. C31NP. C30EJA. & C31AZ.

ZK2 NIUE... Look for Chuck WIOS, & Kit KD0KI, till Marh 12.

5W WESTERN SAMOA... From March 13 -20 the above two will active. They will be active primarily on SSB trying 21300, then 14242 kHz. They intend to spend sometime in the Novice portion of 10 meters around 28402 kHz. They plan to be active around 2330 UTC each day. They may visit the net on 14236 kHz.

T33 BANABA... Nils SM6CAS & Mat SM7PKK will be active from Banaba March March 27- April 5 as T33CS & T33KK.

KP5 DESECHEO IS.... KP5/AB4JI with two operators will be active during the ARRL SSB DX contest March 5-6. Anyone interested in joining this operation should contact Ray. AB4JI.

KH8 AMERICAN SAMOA... Aandy G4ZVJ will be active as AH8F from Tutuila Is. thru March 16. This is primarily a CW operation.

There is plenty other stuff out there so Get-Em

A POINT OF VIEW

If it is green or wiggles......it is Biology
If it stinks.......it is Chemistry
If it doesn't work.......it is Physics!

Ed Note: Well John? Any comments?

CONTESTS

Well we just had a Big one. The ARRL CW DX contest. Hope you who went into it had fun. Here is away to build up your CW countries.

MAR 5-6... ARRL DX SSB contest. See Dec. QST pg 125

MAR 19-20... BERMUDA AMATEUR RADIO contest. You an will a trip to Bermuda. See Feb QST pg 111.

MAR 26-27... CQ WW WPX SSB contest. See Jan CQ pg 22.

Many tnx QRZ DX, NJDXA, & others.

C U in the Pile-Ups.

.John, K2JF





Gloucester County Amateur Radio Club

1994 Proposed Budget Comparison by Category

Category Name	1993 est	1993 act	Difference	1994 est	Comparative
INFLOWS	4000 00		70.000	4444	
4H Parking	1300.00	2000.00	53.85%	1800.00	38%
ARRL Renewals	40.00	4.00		20.00	
Checking Intrst	50.00			40.00	
Dues	3000.00	2508.14	-16.40%		
Education Income				125	
Fund Raisers				700	
Hamfest	4000.00	5718.40	42.96%	5000.00	25%
Raffle	300.00		-100.00%	500.00	67%
Savings Intrst	450.00	418.47	-7.01%	400.00	-11%
Budgeted Inflows	7840.00	8665.64	10.53%	11585.00	48%
OUTFLOWS					
Advertising				250.00	
Awards	100.00	36.04	-63.96%	100.00	0%
B&B Program	150.00	289.40	92.93%	250.00	67%
Banquet	225.00	1185.67	426.96%	1000.00	344%
BSA JOTA				150	i
Callbooks	57.50	64.36	11.93%	58.00	1%
Clubhouse	3382	9485.64	180.47%	4127.00	22%
Crosstalk	700.00	431.87	-38.30%	700.00	0%
DX	50.00	0.00	-100.00%	100.00	100%
Education Material				125	1
Field Day	450.00	450.00	0.00%	450.00	0%
Hall Rental	300.00				
Help & Welfare	50.00				
Insurance	1000.00				
Membership	275.00				
Miscellaneous	250.50				
Postage	1300.00				
Repeater	775.00				
Scholarship	500.00				
Sunshine	25.00				
Budgeted Outflows	9590.00	16312.83	70.10%	11585.00	21%
Total Inflows	7840.00	8665.64	10.53%	11585.00	48%
Total Outflows	9590.00	16312.83	70.10%	11585.00	21%
Difference	-1750.00	-7647.19	336.98%	0.00	

Note:

Comparitive is the difference between the 1993 budget estimate and the 1994 budget estimate.

WE'LL TRY IT AGAIN WHAT WOULD YOU LIKE?

A

S SOME OF YOU MIGHT ALREADY KNOW, the G.C.A.R.C. is trying to start a club net on 2 meters.

What we need from the membership is information to make this net work, and to let your club officers know if you want it or not! Please take the time to fill out the following questionnaire and either drop it in the suggestion box at the March General Membership meeting, or mail it to:

G.C.A.R.C. Attn: New Net? P.O. Box 370 Pitman, NJ 08071

Hey, you can even call the information into Steve, N2GVR, what you want!	Come on! Ta	ke just 3 minu	ites and let us know
1: a) Best day of the week for a net? b) Best time for the net?			
2: How much time can you give to the net on the da	ay and time you	ı indicated a	above?
3: a) Which club repeater(s) can you work: b) Which club repeater(s) can you listen to:	2 Mtr 440	<u>220</u>	
4: Would you like to a) hear the Newsline? b) have a swap & shop? c) have a technical roundtable? d) have a CW practice net? e) have a junior operators net? f) have a YL net? g) have a computer rountable? h) have an RDF net?	<u>YES</u>	<u>NO</u>	NOT SURE
5: Would you just like to forget it all?			

The plan is still in a fluid state, but initially it is as follows:

Introduction the the G.C.A.R.C. Net and ask for check-ins

Transmit the newsline report

G.C.A.R.C. Chairpersons with information to the membership

Swap & Shop

Technical Roundtable

Plans are still fluid, so now is the time to let us know what you want, if anything. take the time to complete the questionnaire!

Thanks to All N2GVR, Steve