

**Gloucester County Amateur Radio Club**



**1994 Officers**

*President*.....Charlie Olinda.....N2SRQ  
*Vice President*.....//OPEN//  
*Treasurer*.....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

**Trustees**

4 Yr (94-97).....Thomas Mawson II.....KE2SC  
 3 Yr (93-96).....Marla Bozarth.....N2DWR  
 2 Yr (92-95).....Joel Supkow.....KB2AYW  
 1 Yr (91-94).....Milt Marder.....WA2FGA

**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)

**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.....	Harry.....	N2DUZ
Data Processing.....	Skip.....	KE2SC
DX.....	John.....	K2JF
Field Day ✓.....	Steve.....	N2GVR
Hamfest ✓.....	John.....	KA2EZN
	Bill.....	N2QEB
Health & Welfare ✓.....	//OPEN//	
Help.....	Ken.....	KN2U
Historian/Archivist.....	//OPEN//	
Hospitality ✓.....	Andrew.....	N2PKV
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

( ✓ Indicates Standing Committees)

**Nets**

ARES/RACES..... Sundays, 2200 Hrs  
 147.780/180 & 223.06/224.66 repeaters

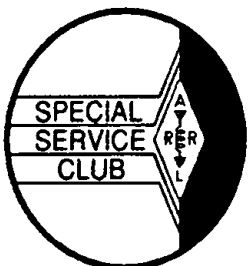
10 Meter..... Sundays, following the  
 ARES/RACES net. 28.350 MHZ.

**PIANO TUNING and REPAIR**

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

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

**Assoc. Member Piano Technicians Guild**



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# ❖ CROSSTALK ❖

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April 1994

## *President's Message*

**I**T WAS A COLD and stormy night...we were traveling to our second scheduled monthly meeting for the month of March. Would many people make it to the meeting or would it be sparsely attended...these questions would be soon answered. Oh no!!...the rain was freezing on the parking lot...I hope everyone will be alright.

The spirit of the Postal worker was at work, "Neither rain nor sleet nor snow..." we had a fantastic turnout. And as a result we had a very good meeting, some good things and some not as good were discussed and were resolved...I'm glad that we didn't put this meeting off for another month! It is very important to me that we as a club move ahead in our efforts and that our actions impact the most number of people in a positive way....I believe that we are being successful!

### **AMSAT...25th Anniversary!**

In my first presidents message I spoke briefly of the involvement of Amateur radio operators using satellites. And that they were able to get their first satellite up just a few short months after our government was able to get their first satellite into orbit. Our first satellite was specifically designed for communication and experimentation...the real baseline of Amateur radio!.

March 3, 1994 will mark the 25th anniversary of this organization, Radio Amateur Satellite Corporation (AMSAT). It all started January 1969, when a small group of interested Amateur Radio operators gathered near the Washington D.C. area. The purpose was to open up a new and exciting mode of communication between Hams. Many of these folk were employed by IBM, The Applied Physics Lab of John Hopkins University, and the National Aeronautics and Space Administration (NASA).

From the excitement that I have seen from some of our club-members I would say that the efforts of those good people back in 1969 have been very successful...Hearty congratulations go to all of the members of the AMSAT group on their first quarter of a century and good success in the next quarter of a century!!

### **Working with other Amateur Radio Clubs**

I have noticed that some other Amateur radio clubs have been having Fox hunts recently...this is exciting to

hear...who knows...maybe we can start a joint Fox hunt once every 3 months and make the boundaries SNJ!

If you have listened to our repeater (147.180) during the morning drive time you will notice that it resembles a technical net...specifically focusing on ways to catch that "widdle wabbit" in the least amount of time...the creative juices are flowing!

KB2ETV, Jay will be the next bunny ...stay tuned for more details.

### **Science Fair...April 23, 1994**

While attending a recent Hamfest I was approached as President of GCARC by a teacher at a local High School. It seems as though they are having a Science/Technology Fair. They asked if we would demonstrate Amateur Radio to the many visitors.

I think that this would be an excellent opportunity to "show off" amateur radio to those folk in the local communities as well as possibly gain new members at GCARC

Some years ago I remember the fun that I had getting ready and showing off my projects at the local Science Fair...and spending as much time as possible walking around and learning about something new...This opportunity would be an excellent time to introduce somebody to a lifelong hobby of meeting new friends from around the world, and experimentation with electronics.

For this demonstration to be a success we need the help of some dedicated Amateur radio operators...And we need one or two people willing to head up this operation.

Recently we have had the help of many club members at the Deptford Mall as we demonstrated Amateur Radio and promoted the Gloucester County Amateur Radio Club...I should tell you now that we were VERY successful in our efforts and all of those who volunteered their time should be congratulated!!!!

If you would like to help in a supportive way OR in a leadership role **P L E A S E** let me know soon so we can get the ball rolling. If you think that you would like to help do not wait until the meeting to let me know...too much pre-flight work needs to be done.

As always...any and all help will be greatly appreciated!!

Charlie Olinda N2SRQ

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## G. C. A. R. C. H A M F E S T '94

This is the first of what is going to be many reports on OUR hamfest.

First, here are the chairpersons involved in coordinating the hamfest:

John Lloyd, KA2EZN  
Bill Burbage, N2QEB  
Walt Seitz, KB2JCG

We have been very active in arranging the activities, and determining who will be doing what job. We plan to have an aggressive advertising campaign, and are going to try a few new things, to enhance our hamfest.

### WE NEED YOUR HELP TO MAKE THIS A SUCCESS!

We are looking for people to help in the following capacities:

- ⇒ Setup
- ⇒ Cleanup
- ⇒ Mailing and labels
- ⇒ Assist in the labeling and mailing of flyers
- ⇒ ARRL Consignment table

We will have a table setup with ARRL books, etc. Proceeds will directly benefit the club.

- ⇒ Sell 50-50 tickets during the hamfest

Food

This is a vital part of the hamfest.

**We need YOUR assistance  
to make this hamfest a success!**

- ⇒ Club Table - Attend the club table
- ⇒ Parking - Help park the cars!
- ⇒ Talk in - Assist in giving directions to the Hamfest.
- ⇒ Grounds Upkeep - Assist Mark, KE2WC in the upkeep of the grounds and facilities during the hamfest.

There are other activities that I'm not going into at this point, but I must stress that I need YOUR help to pull this thing off. We're going to try to set this up so no one should have to do more than 2 hours. 4 at the maximum, in 2 hour shifts. NOBODY should have to be tied up the whole day, or an excessive amount of time because no one would volunteer to help.

We plan to make this an enjoyable (and fun!) experience. If you would like to help, please call John at 609-358-1285.

One other thing I'd like to mention in this installment is

## SALE

MFJ Model 986 Differential T Tuner.

3KW  
Roller Inductor Tuner  
Like new

Ed is asking \$100 for this item. If you are interested, contact Ed, K2JJC,

Kenwood TR-7730, 2-Mtr mobile.

25 Watts      5 Memories      Touch Tone  
Memory Scan      Band Scan  
Original Box w/ Manuals

Chuck is asking \$150 for this item. If you are interested, contact Chuck, WA2TML,

## HELP!

In order for the Club to maintain its "Special Services" classification with the ARRL, it is necessary to inform them of how many Club members are also ARRL members. This information is maintained by the Database Chairperson, KE2SC, Skip. However, the number of responses in the database leave a lot of empty areas.

Please contact Skip either via packet, or leave a message on his phone so that this information can be given to Al, N2FJQ, for completion of the ARRL Application.

### BRAIN TEASER

1. Some months have 30 days. Some have 31. How many have 28 days?
2. Two men were playing checkers. They played five games and each man wins the same number of games. How can you figure this?

(Answers on Page 6)

Voice mail. I intend to implement AT&T voice mail on the club phone number, to deal with hamfest inquiries. As our advertising is going to be quite aggressive, it is our opinion that an answering machine will be totally inadequate. I'll bring this up to the membership at the next meeting. The cost is low, and the efficiency will be up 1000%.

Next month I'll go into details in advertising, and how member response is coming along for OUR hamfest.



# Happy Birthday!

Happy Birthday to the following Club members for the month of April, 1994...

AI2B.....	RAYMOND METZGER .....	02
KA2EZN.....	JOHN LLOYD .....	04
N2AKL .....	ROSLYN MARDER.....	07
KB2DHQ.....	JERRY FRIEDMAN.....	08
N2UNG .....	DREW JACKSON.....	09
N2STQ .....	WILLIAM KING .....	10
W2PAX.....	GURDON COOPER.....	12
N2JIB .....	HARRY ENGLISH.....	14
KD2CR .....	LEONARD KRAVITZ.....	17
N2SRO .....	MIKE MOLLET.....	18
N2FNF .....	IRMA COLABRESE .....	18
N2FPO .....	MARTIN O'GRADY .....	19
WB2OCR.....	RICHARD NETHERBY .....	21
K2JJC.....	EDWIN STETSER SR .....	21
WA2UDO.....	ROBERT KRUKOWSKI .....	24
N2MHO.....	MICHEAL HARLA .....	25



## G.C.A.R.C. SCHOLARSHIP

The Gloucester County Amateur Radio Club is pleased to offer a \$500 scholarship to a graduating senior high school student, either a Club member or the child of a Club member, who intends to pursue a career in communications (broadcasting, journalism, electronics, computer science) in any accredited two or four year college or technical school.

For an application, contact the G.C.A.R.C. Scholarship Committee by writing to...

G.C.A.R.C.  
Attn.: Scholarship  
P.O. Box 370  
Pitman, NJ 08071

or contact WN2T, Greg Potter,

All applications and supporting materials must be in to the committee not later than April 25, 1994.

73, WN2T, Greg

## DX MEETING

A DX meeting is scheduled to be held at the Club Site on the fourth Wednesday of April (27th) at 2000 hours.

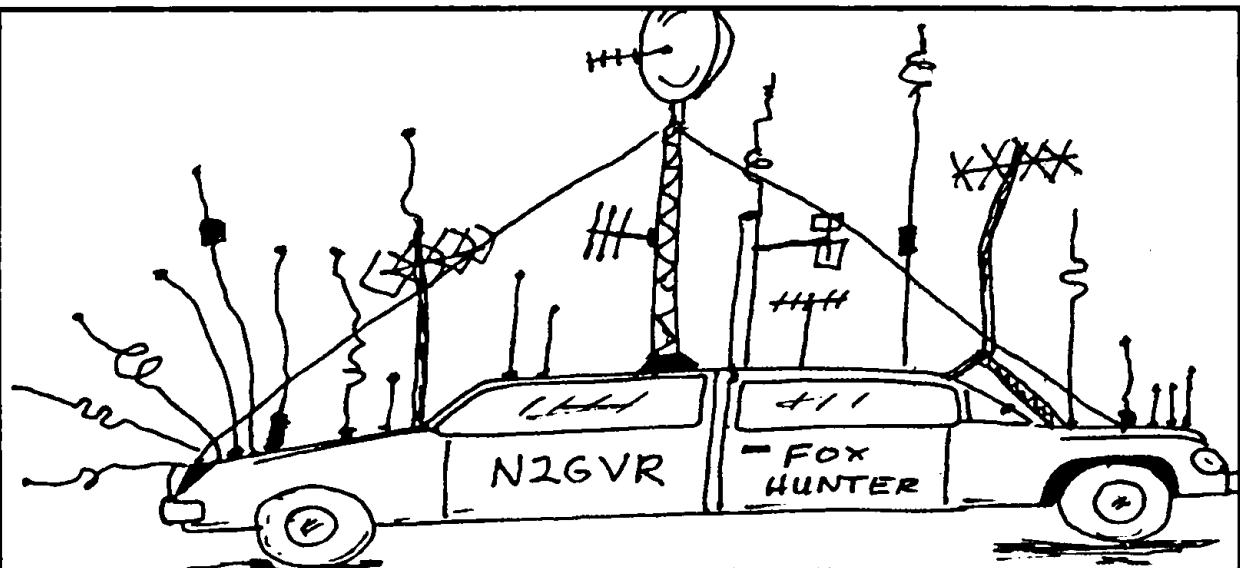
This meeting is an inquiry meeting for those who: Are DXers; Those who are interested in DX; Those who are interested in finding out what DX IS. If we find that there are enough interested we will continue to have meetings.

C U in the PILE-UP'S

73 JOHN K2JF

Article Deadline for  
May 1994 Crosstalk is  
8 PM, Sunday, April 24.

## EVER WONDER WHY STEVE WINS ALL THE FOX HUNTS?



**4-H  
MALL EXPO  
'94**

**"Steve Sez"**

73, Steve, N2GVR

**CONTINUING  
EDUCATION**



**EXPLORE THE MOST COMMON  
CIRCUITS IN ELECTRONIC EQUIPMENT**

Well, 4H Mall Expo '94 has come and gone. The Club set-up a display of Amateur Radio in the way of an operational 2 meter packet and repeater station and a HF receive only station for all bands. We also had computer generated CW running at times and the QLF key with a sounder and live demos (that large key sure did attract a lot of attention). At the Into table we had continues running Amateur Radio related video shows as well as packets of information for all age groups about Amateur Radio School, Testing, Hamfests, Clubs, Archie comic books for the children and of course applications for GCARC and the 4H.



Virtually every electronic device has a power supply of some type. This 25 minute video covers detailed theory and troubleshooting of linear power supplies commonly found in consumer products. Plus, you'll learn about discrete and integrated circuit designs.

Classes will be held at the clubhouse on Saturdays at 1300 hrs on May 7th, 14th, 21th, and the 28th. Contact me if you plan to attend

Many thanks go out to those that came out to help and visit as well as those that sent us traffic via packet radio. Again, you all did a really great job the 4H people were very impressed. It was a pleasure working with you all.

**FIELD DAY '94  
JUNE 25-26**

- N2WFM, N2SRO, N2TXW, K3JGJ,
- N2FZ, WA2VQG, KN2U, N2DWR,
- N2KLE, N2SRQ, K2JF, WA2VEE.

The second Field Day organizational meeting will be held on Monday, 11 April 1994 at 1930 hrs at the clubhouse. We're coming along pretty good and as of this writing we're at 11 alpha. We are looking for RTTY ops for 17 and/or 12 meters as well as Amtor and/or Pactor. Let me know if your interested.

*(if you noticed I left you out Drew, because you deserve a really big thanks in your own paragraph.)*

Also, the push is on this year for **BEAMS** all above 40 meters and self-supported antennas for all.

Drew, N2UNG, really came through for the Club in this event, during our hour of need. He volunteered the use of his computer system, time and effort when it was needed the most and with very short notice, he was **READY**. **THANK YOU VERY MUCH DREW** for all the help, equipment and time. It was a pleasure working with you. (thank goodness he road with me, if he had a car he might of left)

Call me if you have any new ideas.

73 ALL, Steve, N2GVR

Well here are the results of the March 12, GCARC Fox Hunt

**GIVE LAVISHLY!  
LIVE ABUNDANTLY!**

- 1: N2GVR/N2SRQ..... 8 min. 10 sec
- 2: WA2TOP..... 41 min. 53 sec
- 3: N2WUP/N2WSI..... 57 min. 30 sec
- 4: N2KLE..... 1 hr 7 min. 50 sec
- 5: N2WHY/N2WHL..... 2 hr 47 min. 55 sec
- 6: N2SVN..... 3 hr 15 min. 8 sec



The more you give, the more you get-  
The more you laugh, the less you fret-  
The more you do unselfishly,  
The more you live abundantly...  
The more of everything you share,  
The more you'll always have to spare-  
The more you love, the more you'll find  
That life is good and friends are kind...  
For only what we give away  
Enriches us from day to day.

The hunt started at 0830 officially and ended at 1200 hrs. I think all the teams did quite well, learned a lot and had fun doing it. It looks like this is going to be a really good monthly event with the number of teams growing each month. There is some really good RDF equipment projects coming up in the very near future so keep an ear out for these.

It also looks like I haven't lost my touch after 2 years of no hunting. But, competition should increase as better equipment is made available and put to use Well, that's all I have for now on this subject so 73 and see you all at the next hunt.

Helen Steiner Rice

ZCZC AG88  
 QST de W1AW  
 ARRL Bulletin 24 ARLB024  
 From ARRL Headquarters  
 Newington CT March 3, 1994  
 To all radio amateurs



ARRL, FCC INK PACT

The ARRL and the Field Operations Bureau (FOB) of the Federal Communications Commission have signed a new agreement concerning the use of amateur volunteers.

The agreement is a revised and expanded version of one entered into in 1984, and spells out the roles of amateurs, as trained and registered official observers, as well as the role of the FOB. The volunteers continue to be known as the ARRL Amateur Auxiliary to the Field Operations Bureau ("AA").

While the new agreement continues to place initial information gathering at the local level, i.e., in conjunction with regional FOB offices, it specifies a more centralized system for presenting information to the FOB in cases where enforcement is requested. This will be done between the Office of the Chief, FOB, and the league's Washington office.

The new agreement also adds an FOB agreement to protect the identities of Amateur Auxiliary members, to the extent allowed by law, when the FCC institutes an enforcement proceeding involving information provided by the AA.

The FOB also agrees to assist the ARRL in the training of volunteers and in publicizing the objectives and accomplishments of the program.

The new agreement became effective February 26, 1994.  
 NNNN

**TRIVIA**  
**FROM - K2PQD, CHARLIE**

New Jersey registered Amateur Radio Calls for 1994!

<u>LICENSE CLASS</u>	<u>NO. OF CALLS</u>
EXTRA .....	2,072
ADVANCED.....	3,195
GENERAL .....	3,467
TECHNICIAN.....	5,409
NOVICE.....	2,727
MILITARY .....	7
CLUB.....	82
REPEATER.....	68
<b>TOTAL.....</b>	<b>17,027</b>

ZCZC AX44  
 QST DE W1AW  
 SPECIAL BULLETIN 12 ARLX012  
 FROM ARRL HEADQUARTERS  
 NEWINGTON CT MARCH 10, 1994  
 TO ALL RADIO AMATEURS



AMATEUR RADIO TO THE RESCUE

TWO MEN RESCUED FROM A SINKING BOAT IN THE GULF OF MEXICO CREDIT AMATEUR RADIO FOR SAVING THEIR LIVES.

LARRY HOOKER, KB5ZNY, OF THAXTON, MISSISSIPPI, AND HIS SAILING PARTNER, RETT WHITE, WERE RETURNING FROM HONDURAS ON HOOKER'S 35-FT SAILING VESSEL "OFF THE HOOK," WHEN THEY RAN INTO AN UNEXPECTED STORM AND HIGH SEAS.

HOOKER HAD BEEN IN CONTACT WITH HIS FRIEND RANDALL O'BRIAN, KD5ZH, OF WEST POINT, MISSISSIPPI, SINCE HOISTING ANCHOR ON FEBRUARY 6, ON 80, 40, AND 20 METERS. HOOKER HAD VISITED HIS DAUGHTER, TINA HOOKER, KB5YNN, A MISSIONARY WITH GLOBAL OUTREACH IN THE NORTHEASTERN PART OF HONDURAS, IN AN AREA ACCESSIBLE ONLY BY AIR OR SEA.

O'BRIAN WAS THE FIRST TO LEARN OF THEIR DIFFICULTIES AND EVENTUALLY CONTACTED THE US COAST GUARD. O'BRIAN CONTINUED TO HELP PROVIDE COMMUNICATION, ALONG WITH THE COAST GUARD, WHO CAME UP ON 3862.

ON MARCH 4, HOOKER AND WHITE WERE TAKEN ABOARD THE COAST GUARD CUTTER CUSHING AND THEIR BOAT WAS PUT UNDER TOW BUT SUBSEQUENTLY SANK.

"THE LORD DECIDED THAT HE WOULD USE AMATEUR RADIO TO SAVE US," HOOKER SAID.  
 NNNN

**WANTED**

THE GCARC BOARD OF DIRECTORS is looking for a couple of items to be donated to the Club. We are in need of an overhead projector and a 6 ft portable screen to be used with the overhead projector. If you know of someone who has these items and could/would donate them to the Club, please give one of the Directors, or the President a call. (The second option would be to purchase these items at a VERY good price.)

Thanks & 73

'The Board'

## DX REPORT

BY: K2JF, JOHN FISHER

IF YOU MISSED THE CQ WPX SSB contest you sure missed your chance to get DXCC in one week-end. All the bands were open and 10 was hopping. You Novices and Tech-Plus could of done yourself up real proud on DXCC.

If you haven't tried contesting, you should get into it for a bit. It is certainly one way to get you DXCC score up there in a hurry.

**SPRATLY ISLAND...** 9M0A will be an all band multi-op starting April 2 running for 4 days. (Get this one)

**SOUTHERN SUDAN...** PA3CXC/ST0 in on 18070 around 1700 & 1800 Z.

**HONG KONG...** Tim KJ4VH will ber on as VS6/KJ4AH mostly CW. He hopes to be active de HL and BV over the next couple of weeks

**TRINDADE ISLAND...** PY0TUP is expected to start a four month operation starting early May. WLKUA.

**WALLIS ISLAND...** RUDI FW/DK7PE is on for some part of April.

**SAINT MARTIN...** FS5PL has been quite active on the lower end of 40 meter CW around 0400z.

**MACAO...** XX9TR & XX9TZ Martti OH2BH will be active during the Easter holidays.

### CONTESTS:

Here are some contests you can get you "feet we" before attacking the Big Ones.

- ◊ JA Intl DX CW.....Apr 8-10
- ◊ DX YL-NA YL CW.....Apr 13-15
- ◊ Helvetica Contest.....Apr 23-24
- ◊ SP DX RTTY.....Apr 23-24

If you need help contact one of the DX boys; your Club has no CONTEST CHAIRMAN listed.

Tnx to ARRL/QRZ-DX/ & others.

C U in the Pile-Ups

K2JF

### ANSWERS

#### Questions on Page 2

1. Meht fo lla
2. Rehto hcae gnialp ton erew yeht.

*Thanks to K2JF, the Boy Scout Field Book,  
and various sources for this one!*

## THE HUNT IS ON

THE HUNT IS ON,, so you are all doing better as I can see by the times from the last hunt, but 8 min. is going to be hard to beat. Jay was unable to take the hidden "T" position this time because of reasons beyond his control so, I will fill in since most of you think I have an unfair advantage hi...hi... . So here are the rules for Aprils hunt.

- ⇒ This will be a timed type hunt.
- ⇒ Hunt time starts at 0830, 9 April 1994.
- ⇒ Frequency, on two meters 147.540 MHz. simplex.
- ⇒ Check-in frequency will be on the GCARC 2 meter repeater 147.18/78 and will be monitored by the "T" throughout the hunt. Check-in starts at 0825 hrs.
- ⇒ Boundries, Deptford Township Lines. (NOT West Deptford or Westbury etc...)
- ⇒ Starting point, again wherever you want. (*Hint: Best to start in the CENTER OF THE BOUNDARIES and/or as high as possible and/or in the clear.*)
- ⇒ Hidden "T" will be: 5 watts, FM voice, and vertical.
- ⇒ Hidden "T" antenna and transmitter will be within 250 feet of access of standard passenger car.
- ⇒ In case of bad weather, the hunt will be held and the hidden "T" shall remain on a paved area.
- ⇒ If all hunters have not arrived by 1200 hrs the hunt will be ended unless the 'FOX' and remaining hunters agree to continue.

All involved will meet for lunch at the Five Points Diner at 1300 hrs the same day for lunch.

Follow the same basic and common sense guidelines as before and have fun looking for me this time. Well that's all I have for now, so happy hunting and hope to see YOU at the finish line. hi...hi...

73...

N2GVR, Steve

## GRAND OPENING MARCH 26, 1994

HRO (Ham Radio Outlet)  
1509 N. DuPont Hwy  
Parkway Plaza  
New Castle, DE 19720

(302)322-7092  
(800)644-4476

TNX to Cory WA3UVV

## WHY ARE 'HAMS' CALLED 'HAMS'?

HAVE YOU EVER WONDERED why we radio amateurs are called "Hams"? Well it goes something like this:

The word ham was applied in 1908 as the call sign of one of the first amateur wireless stations operated by members of the Harvard Radio Club. They were Albert Hyman, Bob Almy and Peggie Murray. At first they called their station Hyman-Almy-Murray. Tapping out such a long name in code soon called for a revision, and they changed it to Hy-Al-Mu, using the first two letters of each name. Early in 1909 some confusion resulted between signals from HYALMU and a Mexican ship named Myalmo, so they decided to use only the first letter of each name and identified their station as HAM.

In the early pioneer and unregulated days of radio, amateur operators picked their own frequencies and call letters. Then, as now, some amateurs had better signals than some commercial stations. The resulting interference finally came to the attention of congressional Committees in Washington and they gave much thought to proposed legislation designed to critically limit amateur activity.

In 1911, Albert Hyman chose the controversial Wireless Regulations Bill as the topic of his thesis at Harvard. His instructor insisted that a copy be sent to Senator David Walsh, a member of the committee hearing the Bill. The Senator was so impressed that he sent for Mr. Hyman to appear before the Committee. Hyman was put on the stand and described how the little amateur station, HAM, was built, and he almost cried when he told the crowded committee room that if the bill went through, they would have to close up the station because they could not afford the license fees and other requirements which were set up in the Bill.

The debate started and the little station, HAM, became a symbol of all the little amateur stations in the country that were crying out to be saved from the menace and greed of the big commercial stations who didn't want them around. Finally the Bill got to the floor of Congress and every speaker talked about the poor little station, HAM.

That's how it all got started. You can find the whole story in the Congressional Record. Nationwide publicity identified the station HAM with amateurs. From that time to this, in radio, every amateur is a 'HAM'.

*TNX to VE3TGR ans  
"SPARKS" the newsletter of the  
Delta Amateur Radio Club, Memphis TN.  
Tnx, K2JF, John*

Reprint from the December 1992  
issue of G.C.A.R.C. CROSSTALK!

To: ALLBBS @ ATLDIV  
Fm: AA3CH  
09-Mar-94 05:16  
PUBLIC SERVICE EVENT  
BID: 11178\_AA3CH

HELLO AND THANK YOU FOR READING THIS PUBLIC SERVICE QST.

ON SUNDAY APRIL 10, 1994 THERE WILL BE THE MS SUPER CITY WALKS AT THE FOLLOWING LOCATIONS

MAIN STREET CAMDEN CO. NJ.  
KELLY DR. PHILA. PA.  
BURLINGTON CO. NJ  
RIDLEY CREEK STATE PARK DEL. CO. PA.  
TAYLOR STATE PARK BUCKS CO. PA.  
TOWN OF LINWOOD NJ.

IF YOU CAN HELP OUT PLEASE CALL OR PACKET BACK

AA3CH@AA3CH.#EPA.PA.USA.NA

73

THE 96 OVER THE HILL GANG/METRO-COMM.

\*\*\*\*\*  
METRO-COMMA BBS  
VIA METRO-LINK  
\*\*\*\*\*

## VEC TESTING

**V**EC TESTING IS CONDUCTED the 3rd Thursday of every month, starting at 7:30 PM, at the Bellmawr, NJ, Senior Citizens Center. For more information, contact Bill Helmetag, WA2VQG, on the 146.895 (+600) repeater, or by calling and leaving your name and number on the recorder..

## CAMDEN COUNTY NETS

The Camden County ARES\RACES net meets each Tuesday at 7:30 PM on the Bellmawr repeater (146.895). If you live in Camden County and would like to join, check in and someone can give you the information about joining.









There is also a 1010 Net that meets each Thursday at 7 PM, on 28.360 MHz. Check in and in just a couple of weeks you could have your own 1010 number!

73, WA2VQG, Bill



# April 03 - May 07, 1994

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

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>April 3</b> 20:00 ARES/RACES 20:30 10 Mtr Net - 28.350MHz  Daylight Savings—set ahead 1 hour	<b>April 4</b>	<b>April 5</b> 19:30 Camden County - ARES/ RACES Net	<b>April 6</b>  20:00 GCARC Gen. Mem. Mtg.	<b>April 7</b> 19:00 1010 Net - 28.360 MHz	<b>April 8</b>	<b>April 9</b> 0830 - GCARC FOX HUNT! 
<b>April 10</b> 20:00 ARES/RACES 20:30 10 Mtr Net - 28.350MHz »Hamfest - New Castle, De.	<b>April 11</b>	<b>April 12</b> 19:30 Camden County - ARES/ RACES Net	<b>April 13</b>	<b>April 14</b> 19:00 1010 Net - 28.360 MHz	<b>April 15</b>	<b>April 16</b>  13:00 Ham Radio Education
<b>April 17</b> 20:00 ARES/RACES 20:30 10 Mtr Net - 28.350MHz	<b>April 18</b>	<b>April 19</b> 19:30 Camden County - ARES/ RACES Net	<b>April 20</b> 19:30 B.O.D. Mtg	<b>April 21</b> 19:00 1010 Net - 28.360 MHz 19:00 VEC Test- ing - Bellmawr	<b>April 22</b>	<b>April 23</b>  13:00 Ham Radio Education
<b>April 24</b> 20:00 ARES/RACES 20:30 10 Mtr Net - 28.350MHz	<b>April 25</b>	<b>April 26</b> 19:30 Camden County - ARES/ RACES Net	<b>April 27</b>	<b>April 28</b> 19:00 1010 Net - 28.360 MHz	<b>April 29</b>	<b>April 30</b>  13:00 Ham Radio Education
<b>May 1</b> 20:00 ARES/RACES 20:30 10 Mtr Net - 28.350MHz	<b>May 2</b>	<b>May 3</b> 19:30 Camden County - ARES/ RACES Net	<b>May 4</b>  20:00 GCARC Gen. Mem. Mtg.	<b>May 5</b> 19:00 1010 Net - 28.360 MHz	<b>May 6</b>	<b>May 7</b>  13:00 Ham Radio Education »Hamfest - Cherry Hill, NJ. »Hamfest - Oswego, NY Hamfest - Kent Island, Md.

**LEGEND:**

»Hamfest' indicates an ARRL Hamfest

'Hamfest' indicates a NON-ARRL Hamfest

Subj: Peter 1st, as it was:ON6TT  
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3Y - PETER I DXPEDITION  
 UPDATE March 2 1994

- PART I B -

"Honey, I'm hooooommmme!"

The battle is over. Sigh. It is difficult to summarize this 7 weeks' trial in a just a couple of words, but I'll try. One question first: "Is it true that people over here wash themselves daily?"

Gee, we'll have to get used to that again. During the three weeks stay on the island, we had only two (2) occasions to freshen up and peel off our underwear.

In part 1 of this update, I will concentrate on the general aspects, to give you an impression 'how it really was'. We will distribute a more detailed report on radio-activities in one of the next days.

#### RESULTS:

VP8BZL and occasionally some other calls: 5000 to 6000 QSOs

VP8BZL/MM: 1000 QSOs. Station was used more to monitor than to transmit

3Y0PI: 62000 QSOs (new world record for non-arm chair DXpeditions)

(35% CW and 65% SSB, 700 RTTY and 50 satellite)

4K1F, 4K1/XE1L, VP8CBE (South Shetlands): 1000 QSOs in one night

ZD8D: 50 QSOs

With the Akademik Fedorov while awaiting better weather during 4 days: 300 QSOs (hi)

This totals to a gross of 70,000 contacts

#### ANTENNAS:

Most antennas were put on a straight line, facing N/NE.

##### Wired to the SSB tent:

Crushcraft 20m yagi, 40m yagi, 10-15-20m triband yagi, 9G1XA-like 15m high vertical for 75-80-160, R5 (10-12-15-17-20m) and later on 3 element wire yagi for 160. These were occasionally used for CW and RTTY too.

##### Wired to the CW tent:

Cushcraft 15m yagi, WARC yagi 12/17/30, 10-15-20m triband yagi and Battlecreek special for 40-80-160. Some of these were used for SSB occasionally.

Higain tape-dipole for skeds on commercial frequencies.

70cm/2m yagis for satellite.

*Tip:* it does not matter if a triband yagi decides to go vertically polarized after a storm. The next storm with winds from the opposite direction will turn him horizontal again. Horizontal looks better though.

*Tip:* It does matter if a Battlecreek snaps in the middle. If you still can not get 160m going after repairing the broken section with large stakes, check the top loading wire for 160m. If after 3 re-erections, SWR is bad on all bands, check the bottom switch box. The switch might be malfunctioning .

*Tip:* using lots of radials and chicken wire under the verticals proves to optimize performance. Do count on them being covered by 1 meter of snow after 3 weeks. Wires tend to melt into the snow and get covered up by ice. Count on 24 man hours per vertical to dig out the grounding system, when breaking up camp.

#### TRAVEL DETAILS:

- Commercial flights to London, following RAF flights over Ascension to Falklands.
- Icebreaker Kapitan Khlebnikov to Peter I, arrived 29/1 PM.
- FB landing WX during 20 helicopter flights with two Mil-2 choppers transferring close to 18 tons of equipment, fuel, tents people and personal gear to the camp in 4 hours. Camp was set up on the north side of the island, 500 m from the edge where the glacier breaks into the sea, 30 m below.
- Akademik Fedorov arrived on 17/2 am, took 2 people and 3 tons of equipment with a large Mil-8 helicopter. Bad weather set in with limited to no visibility at all, high winds and snowdrifts. No flights on 18/2. Small opening on 19/2 took 2 more people and another 3 tons. On 20/2: marginal fog openings with consistent high winds and snowdrifts.
- Camp was evacuated in 4 hours with 6 additional helicopter flights. NOTHING was left behind on the island, except our foot prints. Helicopter pilot refused to take 'human waste' of the island. We said: 'Shit no go, we no go', threw the 10 (leaking) bags in the cargo space, closed the door and got on the chopper.
- Arrived at King George on 23/2. Flew with heli to the Russian Bellinghausen base (4K1F). Transfer aborted due to bad weather. Transferred rest of personal gear and tents on 24/2. Sold the tents (worth \$18,000 for half the price, and added \$9,000) for seats on a Hercules flight to Punta Arenas. Due to bad weather (agn hi), flight did not get in until 27/1.
- Stayed at the Russian base while waiting. Arrived at Punta Arenas 27/1 around midnight. Robbed the local fish restaurant and held 3 hours sleep- in at local hotel (I still have the room keys in my pocket if anyone is interested).

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- Complete crew of 9 left for Santiago at 6 am on 28/1. Team split up.
- Martin and I arrived (after stop overs in Miami, Washington DC, Chicago, Newark and London) at noon on 1/3. Bob, N4GCK reported still to be in
- Santiago looking for snow to shovel ('snow shoveling addiction syndrome').
- HB9AHL reported on a Swiss Air flight above the Atlantic at this time. Stewardess unable to wake him up.
- Walnut Creek (California) declared as national disaster area when Bob put his clothes in the washing machine. Major rivers are now polluted.
- (Just a joke, Bob!)

### CAMP LOGISTICAL DETAILS:

#### SHELTERS:

Two operating shelters of 8x8 ft (one CW and one SSB). Kitchen shelter of 8x12 ft (used to sleep awaiting evacuation of the island. Wood is hard to sleep on in case no-one has noticed. But you get used to it after a while. KOIR was the lucky one, he got to sleep on the table). Sleeping shelter of 12x24 ft. Tip: if you ever go to Antarctica, do NOT (repeat: do NOT) take the bunk next to the entrance. People will put the pee-pot next to you, forget to close door-flaps, you will hear sharp sounds of zippers in your nightmares for months to come, and people tent to kick your bunk while stepping into the tent. Also, you might wake up at several occasions being covered by dust-snow blown in through Only-God-Knows small holes.

**Another valuable tip:** the best way to melt the ice formed on the door-flap zippers are 'foot warmers': small bags with chemical substance which warms up when in contact with air. Only one hour and you're out of the tent. People will complain that it takes very long to change operators, though.

Shelters were warmed with propane heaters (6 bottles of 100 kgs propane each).

Our separate top-open toilet shelter with home made toilet seat proved to be very useful.

Count on digging out 5 feet of snow before 'taking a sit', after a storm.

Count on clean toilet paper playing 'gone with the wind'. Take that into consideration BEFORE sitting down... People will complain about the long radio-silence between working the 1's and the 2's though.

#### GENERATORS:

Two 4 Kw Onans and two 5 Kw Hondas, with 14 barrels of gasoline (200 liters each).

**Tip:** check ships' crew if they do not store Onans upside down on the ship, especially if there is still oil in them. Do not trust manufacturers when they say that all oil is drained. If you do not follow this advise, you will have severe difficulties starting the generators.

**Tip:** you can find generators back during snowstorms by looking for a small hole in the snow. That is where the exhaust pipe puts out hot air. When you can not find that hole anymore, try following the electrical wires coming from the shack tents.

**Tip:** do not worry if Onans loose parts like bolts, nuts, mufflers and pilots. As long as they keep on vibrating on their wooden crate-cover bases, while trying to mate with the Honda next to them, they tend to keep on working.

**Tip:** do not say to the pileup: "I'll have to refill the generator, will be back in 5 min." PC32 out of the snow.

K2JF de WB2YOF  
4-Mar 1615Z >

### COOKING TRIVIA

- ◇ To improve an inexpensive cake mix, add one tablespoon butter to the batter for a richer tasting cake.
- ◇ Discover baking with mayonnaise. Try substituting mayo as a shortening or oil - it blends easily, adds moistness and contributes toward a tender texture.
- ◇ Throwaway cake plate - Save bottom cardboard from pizzas and cover with aluminum foil. Great if you are donating a cake or pie to a cake sale.
- ◇ Dip Spoon in hot water before measuring lard, butter, etc. It will slip off the spoon more easily.
- ◇ To keep egg yolks from crumbling when slicing hard cooked eggs, wet the knife before each cut.
- ◇ Out of Ginger ale ? Mix equal parts of Coke and 7-Up.
- ◇ Use Styrofoam egg cartons as trays when you need extra ice cubes or parties.

Thanks to K2JF, the Boy Scout Field Book,  
and various sources for this one!

**R U A DOER ?**