Gloucester County Amateur Radio Club

W2MMD

1993 OFFICERS

President	Cory Sickles	WA3UVV
Vice President	Ken Bozarth	KN2U
Treasurer	Bill Mollenhauer	N2FZ
Recording Sec.	Peter Butler	KA2DZF
Corresponding Sec.	John Fisher	K2JF

Directors

3 Yr (93-95)	Leroy Brady Jr.	KB2ODL
	Harry Jessen	N2DUZ
2 Yr (92-94)	Jim Mollica Sr.	K2OWE
	Beth Barnish	KB2EAL
1 Yr (91-93)	Charles Colabrese	WA2TML
	John Cliver	N2NLE

Trustees

4 Yr (93-96)	Marla Bozarth	N2DWR
3 Yr (92-95)	Joel Supkow	KB2AYW
2 Yr (91-94)	Milt Marder	WA2FGA
1 Yr (90-93)	Howard Marder	WA2IBZ

1993 Committee Chairpersons

Advertising	//OPEN//	
ARES/RACES	Chick	WA2USI
Awards	Jack	K2ZA
Banquet	Marla	N2DWR
Budget √	Cory	WA3UVV
Chaplin	Tom	N7GBH
Constitution √	Harry	N2DUZ
Contests	Clif	N2PLE
Crosstalk	Harry	N2DUZ
Data Processing	Charlie	K2PQD
DX	Cliff	N2PLE
Field Day √	Steve	N2GVR
Hamfest √	Pete	KA2DZF
	Joe	N2KLE
Health & Welfare √		
Help	Ken	KN2U
Historian/Archivist	Pete	KA2DZF
Hospitality √	Andrew	N2PKV
Legislation	//OPEN//	
Membership √	Ed	KB2ODJ
Nets	Mike	WA2TOP
Nominations √	Herb	K2HPV
Publicity √	//OPEN//	
Repeaters √	Chuck	WA2TML
Site √	ED	KB2ODJ
Scholarships	Greg	WN2T
Special Events	Walt	WB2OYQ
Special Services	Al	N2FJQ
Sunshine	Miriam	KB2EUA
Technical	Ken	KN2U
Training/Testing	Bill	WA2VQG
TVI	John	K2JF
Ways & Means	//OPEN//	

(√ Indicates Standing Committees)

G.C.A.R.C. Meetings

General Membership:
- 8 PM, 1st Wednesday of every month.
- Deptford Elks Lodge, Highland Ave.
  1 Block from Egg Harbor Rd.

Board of Directors:
- 7:30 PM, 3rd Wednesday of 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)

Nets

ARES/RACES .. Sundays, 220 Hrs on both the
147.780/180 & 223.06/224.66 repeaters.

10 Meter .... Sundays immediately after the
ARES/RACES net. **28.350 MHZ.**

President's Message

Goal (goul) 1. n. an aim or objective, "his goal is to win the struggle" SYN. craving, destination, desire, longing, objective, finish, end, passion, aim, object, aspiration.

Plan (plaen) 1. n. a design for a construction, layout, system, etc. | a formulated scheme setting out stages of procedure. | a proposed or intended course of action. SYN. design, purpose, sketch, invent, intend, create, plot, method, procedure.

Earlier this year 1 had observed that the makeup of our club is somewhat unique. While many amateur radio clubs have a specific "key interest" or "focus", such as microwaves or contesting, we do not. The GCARC is not simply an appliance, ATV, CW, contest, DX, digital. education. experimenter, FM, HF, microwave, public service. repeater. SSB, SSTV, satellite, VHF, UHF, or anything else club. We are a community of diverse people with diverse interests. It is the social aspect of this "community" that holds us together. It is one of our greater strengths.

Recently, it was brought to my attention by one of my closer friends that it may also be one of our greater weaknesses. This lead me to take another look at the way in which we operate on a day-to-day basis. While we have small "pockets" of people with ideas they want to implement. more often than not. they find a limited audience.

Why is this? While some things. by design. have a limited application to a limited group and others get "shot down" because they are not fully thought out. many never see the light of day due to ignorance and apathy.

Ignorance; because we don't know or understand what is being talked about or the benefit or fun of being involved in something. Apathy; because we don't have a reason to care about it. These are not so much symptoms of a condition as they are side effects. The problem is a corporate lack of declared goals and focal points.

Goals come in two basic flavors; long term and short term. Corporate America has recently been operating with the idea that long term goals are those which can be realized within a year. Short term goals have to be realized by the publication of the next quarterly statement (or heads will roll). An exceedingly more realistic definition allows short term goals to be no longer than one year, and long term goals to be structured within a 5-year plan.

A plan is essential to establishing and realizing goals. If our club is going to grow, not only in membership - but in the quality of membership. we need to establish, follow, maintain and realize GOALS. In order to do this, we need a PLAN.

Last month, I went into some detail on the subject of the club site. I stated the current situation and some ideas on how to improve things as well as what the alternative was if we didn't. Thinking that this should be a significant issue for (many of) the members of our club, I expected some comments and ideas. Guess what? Not one person (as in zero) of the general membership of our club said anything at the September meeting or contacted me about it throughout the month. Perhaps this is because we have grown so complacent about the important things in our organization. we don't know what the important things are anymore.

It is time to wake up and smell the coffee. We NEED to establish a PLAN with short term GOALS and long term GOALS. We need to START at the October meeting.

So here's my challenge to you: Conceptualize at least one idea. Brainstorm it with some friends if necessary. Bounce it off me, if you want to. Think it out as fully as you can. What are the positives? What are the negatives? What will be required in order to do it (people, money, effort, time, etc.)? Then, present it at the October meeting. I'm not only looking for ideas that can be implemented in a month or by the end of the year. Those are important, but we definitely need to work toward the future; things that will be started here and finished by another administration(s) in the coming years. We need positive ideas with many facets in order grow. In fact, we need these goals and plans in order to exist.

Are you up to the challenge? Are you going to at least *try* to make a difference? Are you willing to start something with a positive purpose, even if someone else has to see it to completion? Do you believe in this club? Or are you simply content to come to another meeting and allow the blood to settle in your buttocks while you look at your watch waiting for the banging of the gavel so you can have your shot at some coffee and a donut?

Silent Key

It is with great saddness that we inform the membership of the passing of JimMcDonald, N2AIV. Jim had been a longtime active member of the GCARC, and was always there when needed to offer help and assistance. He especially enjoyed working 10 meters, QRP.

Jim will be greatly missed by all.

73 JIM

SK

ARES/RACES
Net Controls
October & November

The following is a list for the G.C.A.R.C. ARES/RACES Net Controls for October & November 1993. If the primary Net Control isn't around, or can't take the net, please advise your backup person. If you have any questions, please contact either Chick(WA2USI) or Ed(KA2KMW).

73, N2DWR, Marla

DATE	PRIMARY		BACKUP	
Oct 03	WB2OZE	Jose	WB2DXB	Sonny
Oct 10	WA3UVV	Cory	WA2TOP	Mike
Oct 17	WA2IBZ	Howard	WA2TML	Chuck
Oct 24	WA2FGA	Milt	N2SS	Tony
Oct 31	N2QEB	Bill	N2SRO	Mike
Nov 07	N2QEE	Gary	N2PKT	Lou
Nov 14	N2PKJ	Bill	N2NLE	John
Nov 21	N2MWX	Dennis	N2KLE	Joe
Nov 28	N2FKT	Dan	N2FNF	Irma

DX EXCELLENCE TROPHY

At this time, I have been advised that AA2GQ has submitted almost 4 million points to ARRL and CQ for the 1992 DX Contests. Based upon these scores, Tom appears to be the first G.C.A.R.C. member to be awarded the W2GSN DX CONTEST EXCELLENCE Awawrd.

If any G.C.A.R.C. member can offer a higher score, please contact me, ASAP!

TNX-73 ES DX   K2OWE

Article Deadline for
November Crosstalk is
8PM, Sunday, October 24.

FCC PREEMPTS
"SCANNER LAWS"
FOR HAMS

The FCC has ruled that states and municipalities may NOT enact ordinances forbidding Amateur Radio equipment simply because it receives frequencies normally reserved for police and other public safety services.

On November 14, 1989 the ARRL filed a MOTION FOR A DECLARATION RULING CONCERNING THE POSSESION OF RADIO RECEIVERS CAPABLE OF RECEPTION OF POLICE OR OTHER PUBLIC SAFETY COMMUNICATIONS. The laws referenced by the ARRL prohibit the possession of such receivers if they are capable of receiving police communications. These are the so-called "Scanner Laws".

On March 15, 1990 the FCC issued a PUBLIC NOTICE requesting additional comments on the matter.

On August 20, 1993 the FCC finally adopted a PREEMPTION ORDER which says, essentially, that "...state and local laws that preclude the possession in vehicles or elsewhere of Amateur Radio Service transceivers by Amateur Operators merely on the basis that the transceivers are capable of reception of public safety, special emergency or other radio service frequencies. the reception of which is not prohibited by federal law, are inconsistent with the federal objectives of facilitating and promoting the Amateur Radio Service and, more fundamentally, with the federal interest in Amateur Operators being able to transmit and receive on authorized Amateur Service frequencies. We therefore hold that such state and local laws are preempted by federal law."

This culminates a five-year effort by the ARRL to obtain a definitive ruling after several highly publicized cases where Amateur Radio operators were subjected to arrest and seizure of mobile Amateur Radio equipment by local authorities for violation of so-called "scanner laws".

From: VE7JLB@VE7UBC.#VANC.BC.CAN.NA
To : THINK@ALLUSA

Things that make you go Hmmm

The six most important words:
    "I admit I made a mistake."
The five most important words:
    "You did a good job."
The four most important words:
    "What is your opinion?"
The three most important words:
    "If you please."
The two most important words:
    "Thank you"
The least most important words:
    "I"

These are the things that make me go Hmmmmmmm. I can only hope that they make you think for at least a minute.

         Ciao,   Jeff L Bingley, VE7JLB

ATLANTIC DIVISION HAMFEST CALENDAR 1993
+ Denotes ARRL Hamfest

Note: The 1994 hamfest calendar will begin circulation later this fall. Sponsors are encouraged to send 1994 information to W3ABC @ WB3V.MD for inclusion in the 1994 bulletins.

+OCT 3	Pack Rats - Warrington, PA
OCT 16	Ft. Venango Mike & Key Auction/Flea Market - near Franklin, PA
+OCT 16	Radio Amateurs of Greater Syracuse - Syracuse, NY
+OCT 17	Penn Wireless Assn - Bensalem, PA
+OCT 17	Columbia ARA - West Friendship, MD
OCT 24	Foothills ARC - Greensburg, PA
OCT 24	Mason-Dixon - Westminster, MD
+OCT 24	RF Hill ARC - Sellersville, PA
NOV 13	Central PA Repeater Assn - Hershey, PA

CONVENTIONS AND CONFERENCES
OCT 2	Mid-Atlantic States VHF Conference - Horsham, PA
OCT 3	Maryland/DC Section Club Presidents Seminar - Annapolis, MD

73 de
Hugh Turnbull, W3ABC, Director Atlantic Division ARRL
@ WB3V.MD
Kay Craigie, WT3P, Vice Director Atlantic Division
@ WB3JOE.PA

DID YOU KNOW THAT:

October 1st: On this date, "W" and "K" call signs went into effect for U.S. amateurs, "W" for continental stations, and "K for all stations in the insular possessions and Alaska." This was per order of S.W. Edwards, 'Supervisor of Radio, U.S. Dept. of Commerce, Detroit Michigan.

October 4th: On this date first man-made signals from space. Sputnik, USSR 1957.

October 6th: On this date Armstrong was awarded patent for regen. reciver, 1914.

October 7th: On this date the FCC issues 1st 2-way mobil radio license, 1932.

October 21st: On this day the 1st Trans-Atlantic AM signals transmitted VA to Paris 1916.

October 22nd: On this day Earth received the first video signals from Venus, USSR 1975.

October 30th: CQ WW DX PH 0000Z for 48 hours.

October 31st: On this day W1AW returns from WWII QRT, 1945

October 31st: U.S. returns to Standard Time at 0200 local. TURN YOU CLOCKS BACK 1 (ONE) HOUR.

                 Tnx K2JF

October's Program?

Mr. Bozarth, KN2U, has informed this editor that the title for the October General membership program is...

"High Power Conversion Efficiency Regulator for Emergency Battery Systems"

This is a very interesting and informative program.

(Ed Note: OK, Ken. I put it in the Crosstalk, now what the heck is it?!)

THE TOWER

The picture you see to the right is the Pitman Water Tower located at the corner of Laurel and Wesley Ave. (Two blocks from K2JF's QTH). If you look carefully you can see the two GCARC's antennas. One for 2 meters and the other one for 440. The triangles you see jutting out from the Tower are to suspend cables that will hold large covers so they can sand-blast and then spray paint the tower, without getting the stuff all over the town.

Due to the ring of wire around the top of the tower and just underneath our antennas there may be some degradation in the two signals. The spraying is scheduled to start the week of the 20th; provided the WX cooperates.

Tnx K2JF

Ed Note: Thanks to John for the photo, and to WB2FJE, Bill Frambes, for the detailed scaning.

YOU'RE INVITED

WHAT: 1994 GCARC Installation of Officers & Awards Dinner

WHEN: Saturday, January 8, 1994
6-11PM (1800-2300)

WHERE: Dutch Inn
Rt. 295-S
Gibbstown, NJ

MENU: Seafood Newburg on a Bed of Rice
Carved Top Round of Beef
Jumbo Stuffed Shells
Boneless Breast of Chicken(Italian Style)
Carved Smithfield Ham
Greenbeans Almondine
Rice Florentine
Potato Salad, Cole Slaw, Pickled Beets,
    Macaroni Salad, Assorted Relish
    Tray, Tossed Salad, Dinner Rolls
Coffee, Tea, Milk
    AND
DESERT TABLE!
Cash Bar...

There will be music (DJ Style). RELAX!! This year the music is by Charlie(N2SRQ) and Marla(N2DWR). NO, we are NOT going to have the same DJ as last year, eventhough many people requested it.

There will be dancing, and of course, everone should come to see our newly elected officers get sworn at.... I mean SWORN IN!! There are always lots of laughs that evening!

Come by yourself, or bring a friend. Hey, you can even bring your spouse if you want to!

The cost? A mere $16.50 per person, or $33.00 a couple. There will be DOOR PRIZES GALORE!!!! Not to bad for a nights entertainment, friendship and food!

Please R.S.V.P. by December 20, 1993, to Marla, N2DWR

PACKET EDITORIAL

For the average packeteer, sending mail and reading bulletins are probably the main activities. There are others who enjoy chasing DX on HF and they probably spend their packet time on the local DX-cluster checking out what DX is available.

A smaller group enjoys connecting nodes together to see how far they can get and see what interesting items are available on distant bulletin boards. (Connects to Connecticut and Washington, DC are fairly reliable and with a little patience I know of some who have gotten to West Virginia and Ohio.) Another group within the packet community are those who enjoy keyboard to keyboard chats either locally (as on PHLNET) or worldwide (as on QSO: n2mh-11.)

The final group (there may be more) that I can think of are those who are working with the TCP/IP software. This group has some sub-groups. There are those who work on the programming end improving the software, adding features and debugging, and those who enjoy using the many and varied features. TCP/IP is a set of communication protocols that have become a standard in the computer networking world. The software runs on nearly every kind of computer available. The KA9Q software (which is known as NOS for Network Operating System) includes the features necessary to run TCP/IP over packet radio.

The thing that I like best about TCP/IP is that I have the ability to do "normal" AX25 packet stuff, like connect to a BBS or an ax25 station and I also have the ability to use the sophisticated features of NOS, like ASCII & binary file transfers, automatic mail services, and much more. As you can tell, I'm sold on TCP/IP for packet radio.

What I would like to see happen in the near future is for the club to sponsor a club packet station, but not just your "run of the mill" packet station or node. The system would function as a NETROM node giving us access to the outside world. It would also function as an AX25 BBS like KF2AW except that instead of listing all the bulletins together, it would list them is separate "areas" like SALE, WANTED, GCARC, AMSAT, etc. "Areas" could also be set up for special conferences, like one called "6M REPEATER" for those who might be interested in putting up a 6 meter repeater or "TCP/IP HELP" for those setting up the TCP/IP software. The system would also be part of the TCP/IP network and include all the advanced features that are available there.

NOW FOR THE INTERESTING STUFF.

For those running TCP/IP who would be up 24 hours a day (which probably wouldn't be many), personal mail would be forwarded right to your system. If you wanted certain bulletins or all the bulletins automatically sent to your system, you could set up the NNTP (network news transfer protocol) feature. You would also be able to respond to bulletins and personal mail right from your system. You would have the ability (with FTP- file transfer protocol) to upload and download binary and ASCII files without having to baby-sit your computer. Using SMTP (simple mail transfer protocol) you would be able to put mail on a friend's system direct in a

matter of seconds or minutes (if he runs TCP/IP) anywhere from Connecticut to Washington, DC. (Via bbs mail it goes though about 6 BBSes to get to New York City and takes at least a few hours.) A converse node could also be incorporated into the system to give club members and others the ability to do keyboard to keyboard either one to one or in groups. (How about a packet net on packet???)

If you only run your system part time you could still have all of the above features, but rather than have the club system looking for you continually, you would get mail forwarded to you by POP (post office protocol.) When you start NOS it asks the PO server if there is any mail and the server sends it. You could also use the NNTP feature to get all or some of the bulletins since the last time you ran NOS.

For those still running standard "vanilla" ax25 packet, they could connect to the club system and read bulletins, download files, enter the converse node, read and send personal mail, etc.

If we really wanted to get fancy we could even add telephone access to the system with access limited to bonafide hams. This would give perspective packeteers and packeteers with tnc/radio problems access to the packet world.

All of these features could be incorporated into a single system with a small hard-drive (possibly even an XT) or some of the features could be on individual systems or even linked to KF2AW.

At the very least, I think it is time for a TCP/IP node/switch which would be reachable from ALL of Camden & Gloucester Counties.

Your Thoughts????

Skip Mawson, KE2SC@KF2AW
or
TCP/IP [44.65.2.8]

FCC
BBS PHONE NUMBER

Here's the imfo you asked for. Just call the number, and make a selection. Easy as that! You don't even have to log on.

Federal Communications Commission

FCC Public Access Link (PAL)
Voice Number: 202-653-6288 or 202-632-0002
Data Number: 301-725-1072

Contains information on Federal Communications Commission rulemaking, including specific references to investigative dockets. Also contains telecommunication topics of special interest.

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+------------------------------------------------+
|_  KK6RB * STEVE * SANTA ANA * CALIF _|
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"First Pizza" Award
From ACC

The FCC has responded to the Pizza lobby in Washington, finally granting hams the right to order pizzas over their amateur repeater autopatches. To cover their tracks, the FCC broadened the ruling to include a wide variety of communications which were previously banned under the strict interpretation of the "business rule."

ACC is awarding a coupon that can be redeemed for a large pizza, and a "First Pizza" award certificate suitable for framing to the *first* ham that orders a pizza using their repeater patch under the new rule. Write to us with the details of your order, including the exact local time and date, and type of pizza you ordered. Include the callsign of the repeater through which you placed your phone call. (Offer void where prohibited by law.)

Full wording of the new 97.113, which goes into effect on September 13. is reproduced here.

Anyway you look at it. it's *still illegal to use Amateur Radio for communications relating to your employer, or if self-employed, relating to your business.* And Amateur Radio isn't to be used on a regular basis as a substitute for other services. like cellular. Other than that, it's all fair game, including occasionally ordering pizza.

(ED NOTE: The above was from the February-September 1993 edition of the ACC NOTES, published by Advanced Computer Controls, Inc.)

GOOD NEWS!

We recently received a donation from the Harrison Twp. 4H in the amount of $2,000!

Our appreciation again goes out to those who continue to encourage and cultivate a solid relationship between our organizations.

WA3UVV, Cory

Full Text of the New 97.113

The following is the new FCC amateur rule 97.113, effective September 13, 1993. Note that communications of a personal nature are implicitly acceptable, unless you are using amateur radio on a regular basis to conduct communications that could reasonably furnished through other services. In other words, amateur radio isn't to be used as a replacement for a cellular phone. And it isn't to be used for communications regarding one's employer or business.

Note also that retransmissions of weather and propagation forecasts from stations like NOAA Weather Radio and WWV, which were previously prohibited, are now permitted (see paragraph (e) below).

97.113 Prohibited transmissions.

(a) No amateur station shall transmit:

(1) Communications specifically prohibited elsewhere in this Part;

(2) Communications for hire or for material compensation, direct or indirect, paid or promised, except as otherwise provided in these rules;

(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer. Amateur operators may, however, notify other amateur operators of the availability for sale or trade, of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis;

(4) Music using a phone emission except as specifically provided elsewhere in this Section; Communications intended to facilitate a criminal act; Messages in codes or ciphers intended to obscure the meaning thereof, except as otherwise provided herein; Obscene or indecent words or language; or false or deceptive messages, signals, or identification;

(5) Communications, on a regular basis, which could reasonably be furnished alternatively through other radio services.

(b) An amateur station shall not engage in any form of broadcasting, nor may an amateur station transmit one-way communications except as specifically provided in these rules; nor shall an amateur station engage in any activity related to program production or newsgathering for broadcasting purposes, except that communications directly related to the immediate safety of human life or the protection of property may be provided by amateur stations to broadcasters for dissemination to the public where no other means of communication is reasonably available before or at the time of the event.

(c) A control operator may accept compensation as an incident of a teaching position during periods of time when an amateur station is used by that teacher as a part of classroom instruction at an educational institution.

(d) A control operator of a club station may accept compensation for the periods of time when the station is transmitting telegraphy practice or information bulletins, provided that the station transmits such telegraphy practice and bulletins for at least 40 hours per week; schedules operations on at least six amateur service MF and HF bands using reasonable measures to maximize coverage; where the schedule of normal operating times and frequencies is published at least 30 days in advance of the actual transmissions; and where the control operator does not accept any direct or indirect compensation for any other service as a control operator.

(e) No station shall retransmit programs or signals emanating from any type of radio station other than an amateur station, except propagation and weather forecast information intended for use by the general public and originated from United States Government stations, and communications, including incidental music, originating on United States Government frequencies between a space shuttle and its associated Earth stations. Prior approval for shuttle retransmissions must be obtained from the National Aeronautics and Space Administration. Such retransmissions must be for the exclusive use of amateur operators. Propagation, weather forecasts, and shuttle retransmissions may not be conducted on a regular basis, but only occasionally, as an incident of normal amateur radio communications.

(f) No amateur station, except an auxiliary, repeater or space station, may automatically retransmit the radio signals of other amateur stations.

6 ACC Notes