

April 15th will probably never win the "My Favorite Day" award. I usually don't look forward to it since it involves paperwork and expense, two of my least favorite things.



For many of us, it also offers an opportunity to reflect on what our government has been doing for us, what it has been doing with our money (that we know about) and whether or not we feel that the taxes we pay are worth what we get in return. Personally, I'm proud and consider myself fortunate to live in the United States of America, but still wish the government (at all levels) would run more like a business and learn to run with less built-in waste.

All this leads me to think about our favorite federal committee, the FCC, and the other areas of government that have influence over it. The past few years have not been kind to Amateur Radio. We have seen the 33cm band eroded by other, dramatically growing users. We have Wind Profiler Radar moving into a heavily populated section of our 70cm band, and of course, we were recently lobotomized of 2 Mhz in our 125cm band.

The last one has me the angriest. This was a typical case of "lawyers, guns and money". Supposedly, the reallocation was for a the private development of new technology (acssb) by an international shipping firm (UPS) and their communications division (11 Morrow). Right.

Today, UPS is using cellular allocations to handle the task since they weren't able to get the "new technology" to work. Meanwhile, back at the ranch, the FCC hasn't been able to figure out quite what to do with the band. You wouldn't have guessed this by the speed in which we were expatriated from it.

The other type of spectrum infringement has me the most concerned, however. Erosion of our allocations through a slow, methodical process could well have the most profound long-term effects on Amateur Radio.

Forty meters is a mess at night, courtesy of international broadcasters. Eleven meters was lost the year I was born. 220 was under attack as long as I can remember, everything from Class E CB to "No-Exam Ham" proposals have had their day in the sun. Currently, some of our microwave allocations have been getting drooled upon by computer businesses. Don't laugh this off, at one time 2 meters was considered "exotic".

As technology has grown, the traditional arguments of emergencies, innovations and wartime requirements have less substance to them. Perhaps we can take a lesson from Native Americans. While they felt it was a ridiculous idea to own the land, just as no one could own the wind and sky, they found out differently when the government and private business interests attempted to commit a form of genocide.

Hams could find themselves in a similar situation; left with nothing but a handful of frequencies and shelves of useless equipment. The parallels are there; Railroad Commission vs Communications Commission, Land vs Spectrum. Both entities represent powerful government control, both targets represent valuable natural resources.

So, how do we prevent this from happening and make our voices heard? Rent a truck in Jersey City and bomb Gettysburg? Luckily, there are more civilized ways of making your point.

While the Plains Indians did not have much in the way of a lobbying group, we do; the ARRL. Although it is smaller and has less resources than "big business", it is a healthy start and has proved valuable in the past. Also, we can write and telephone our legislators; the people who come up with potential laws and control commissions. The first thing we must do, however, is to become interested and informed. Having done that, we need to take action.

Changes that are harmful to our activities need to be challenged and stopped early, much like cancer, in order for our efforts to be most effective. EXECUTION of ideas is the most important thing, for we will accomplish nothing by dreaming, scheming and complaining amongst ourselves.



Proposals that are agreeable in nature need to be actively supported. This helps to keep legislators from working in a vacuum. We need to have a positive public relations image. This brings more people into our camps when they are needed. And I assure you, they will be needed more and more in the future. The outside pressures on our allocations are increasing daily. The amounts of money involved are staggering. For

years, developers have taken over national battlefields, monuments, parks and other "passive" sites of land in order to build office parks and condominiums. I'm certain that many would love to develop and further commercialize our national parks. So far, any attempt to do this has been met with cries of outrage from the public.

Perhaps we need to begin seeing our frequency allocations as a type of national park. A resource which is there for the non commercial use of trained and responsible citizens. Something which is to remain unspoiled by the greed of man. Something which brings pleasure to many, works to expand the minds of future leaders, and allows us to freely communicate with others in our own country and around the world.

Currently, there are some important issues and proposals pending which we (you) need to address. Spectrum Protection, New Allocations, Band Farming and others are in need of your attention.

If I haven't made you think so much that your brain now hurts, get out there and do something!

FOR IF WE DON'T START TO DO SOMETHING, SURELY SOMETHING WILL BE DONE TO US...

Dah di dah, Cory

DUES ~~DUE~~

WHAT THE HECK DOES THAT MEAN?! Well it is simple... "DUES are over DUE" as of April 01, and unless you want to let your membership lapse and not receive any more copies of the Crosstalk, you best get with the Club Treasurer - NOW! Membership is just \$15 for full Members and \$10 for Associate (Non-Voting) Members. Not to bad in this time! Membership can be paid by mailing it to:

G.C.A.R.C.
Attn: N2FZ - Club Dues
P.O.Box 370
Pitman, NJ 08071

Or calling Bill at home and making arrangements. After April 01, you will have to go through the "New" member process which includes New Membership Application Fees.

Don't let this be your last Crosstalk!

Thx... N2FZ\Bill

There two new members to be introduced this month:
JAMES LANGWORTHY (N)KB2PAU..... ELMER
DREW JACKSON..... N/C WOODBURYHTS

WELCOME TO THE G.C.A.R.C.!

ADVERTISEMENT

DIGITAL MANAGEMENT
Computer Peripheral

Surplus Sale!

TI 820KSR Printer
150+ cps, Wide Carriage Only \$45

Bernoulli Box
Hard Disk - type Storage
with Removable Cartridges Only \$35

IBM Quietwriter
Letter-Quality Printer
with Selectable Fonts Only \$40

ADVERTISEMENT

Mike Mollet, N2SRO, is in need of a high voltage power supply or components to make one. If you have something in the 450, 250, 150 volt, etc. range, let him know. He is trying to upgrade and get some vintage (lots o' tubes) gear on the air. Any help would be greatly appreciated.

Let Cory, WA3UVV know what you have. TNX

DX UP CLOSE AND PERSONAL

WELL, KH5K KINGMAN REEF AND PALMYRA are by the boards now. The DX-pedition was plagued by a late start due to bad Wx and problems due to coral. Kingman reef was very active, and hope all the needy logged him.

5R8-MADAGASCAR... is very active til middle of April. cw and SSB. Since December 1992 all 5R8 calls have been assigned a "D" as 1st letter of suffix. All others are NOT valid.

C9-MOZAMBIQUE... has changed their call sign structure. Anyone interested, please call my directory phone number after 4:30 PM.

D2-ANGOLA... Look for more activity from once rare DX. Be alert for D2SA or D28SA, in the near future.

3V8AS-TUNISIA... No definite answer on legitimacy yet, but K5GQM has logs and is responding to QSL requests.

J5-GUINEA BISSAU... will be active til April 5, weekends and local evening hours, all bands 80 to 10, CW and SSB.

KP1-NAVASSA... W5IJU/KP1 CW, SSB RTTY above the Extra class bands. you may catch them enroute as 6Y5/W5IJU/MM.

9M0S-SPRATLY... has been postponed til later in April.

WFWL 5X-UGANDA... Late April, WFWL on this also.

Propagation watch band conditions have been excellent to poor, and overall will continue to decline. But stay alert! There are some fine windows with these conditions. Remember that band conditions are often enhanced for a time after a major flare and before the charged particles reach earth, 36 to 48 hours later.

Received a letter from a radio friend in CIS -- IRCs are useless there. Send "Green Stamps"! This may seem like a plea for money, but CIS postage rates have TREBLED since January 1, 1993. If you want a QSL returned, I advise sending "Green Stamps". I have been using a NO.10 envelope, with a spurious business address in the upper left hand corner. I then fold one piece of typewriter paper over the QSL card, "Green Stamps" and a NO.6 return envelope. This method has worked for me 9 out of 9 times. DO NOT put anything on the outside of the envelope pertaining to amateur radio! Columbus took a chance!

Some good DX coming up in the near future. Don't forget Spanish, Russian, Helvetia, Holyland and Japan international DX contests in April.

That is it for this month! Please, feel free to call my number listed in the club directory after 4:30PM for QSL information, as I have the '93 Call Books!

(At 15 million miles per hour, it would take 192 years to reach the nearest star... "Proxima Centauri". AND NO FREQUENT FLYER MILES, EITHER!!

TNX to QRZ DX, DX BULLETIN and others.

CU IN THE PILE-UPS!

73'S CLIFF, N2PLE

G.C.A.R.C. ITEMS FOR SALE

The following items are for sale by the G.C.A.R.C. Sealed bids are to be submitted for each item. Minimum acceptable bid, and the condition of the item, are indicated.

1. TRS 80 COMPUTER MODEL 3
NOT WORKING \$10
2. TRS 80 COMPUTER MODEL 4
NOT WORKING \$10
3. TRS 80 LINE PRINTER MODEL 7
NOT WORKING \$10
4. EICO OSCILLOSCOPE
NOT WORKING \$ 5
5. HEATHKIT OSCILLOSCOPE
NOT WORKING \$ 5
6. HALICRAFTERS T.O. KEYER
UNKNOWN..... \$ 5
7. MATCH BOX
UNKNOWN..... \$10

If you have any questions, contact the Site Chairperson, KB2ODJ, ED,
Bids should be sent to:

G.C.A.R.C.
Club Bids
P.O.Box 370
Pitman, NJ 08071

Bids MUST be received by April 20th, and will be opened at the Board of Directors meeting on April 21st. The person(s) who submits the highest bid for each item will be notified and will have until May 19th to pay for the item(s) and remove them from the club site.

Thanks....

G.C.A.R.C.
Board of Directors

A 400 HP VOLKSWAGEN !!!!!

MEET HERB SCHULER, K2HPV, (High Power Volkswagen). First licensed in 1954 as KN2HPV, after about two years upgrading to General and becoming K2HPV. Several years later upgrading again to Advanced and finally in 1981 to Extra.

It was while living in Pennsgrove that Herb became acquainted with some local hams and got the bug. With only a touch of CW from the boy scouts, it took a few months to get his novice ticket. Some ham friends gave him the phonetics "High Power Volkswagen". However it was not until a couple of years later he purchased the first in a line of VW's.

Herb is primarily a CW operator, in fact his HF rig doesn't even have a Mic. Also, almost all of his HF work is QRP. His equipment includes a IC-735 HF rig / auto antenna tuner, Diamond SX-200 SWR power meter, Bencher paddle with home brew c-mos super keyer built in, packet TNC and IC-2SAT VHF HT. Dipoles are the main stay of the antenna farm covering his favorite bands 80, 40 and 30 meters. For the past 20 years, Herb has been a county hunter ringing up 2,806 mixed, out of a possible 3,076 counties and 1,800 on CW. As a DX'er, Herb has 207 worked, 151 QRP. K2HPV, N2CQ and WA2NPD are the club's main stay on 40 CW during field day. If you want to see how it is done come out and watch this group.

Herb retired from Bell Telephone 11 years ago, followed by a second retirement after 5 months as a real estate salesman. Aside from the fast pace of retirement, he and his wife spend time taking care of their aged parents. Once an avid amateur photo buff, besides ham radio, Herb spends time on his CO-CO color computer transferring sheet music into the computer.

Serving in 1977 as club president and as a director, K2HPV is always ready for a bikeathon or ARES drill. He has also put a lot of time on HF mobile with his IC-735; and as I hear it, a microswitch strapped to his leg to send CW... in a VW of course.

Herb relaxes on CW at 18 - 22 WPM. Interesting note: after having failed the 13 WPM CW test three times at the FCC office in Philadelphia, Herb went to a pseudo Hamfest given by Almo radio one evening and passed with flying colors. He feels he studied at night and that his CW was best at night, so passing the test at night worked for him.

Herb Schuler, K2HPV,... truly a "High Powered Radio Operator", proving high power is not always what comes out of the antenna.

by Chic, WA2USI

ULTIMATE HTX202 MOD:

Ever since Radio Shack released its 2 meter handheld and announced to the world that it **COULD NOT BE MODIFIED** for extended receive and transmit, owners have been looking for a way to do it. Recently, I intercepted a Spread-Spectrum, Sub-Space, Negative Frequency message that was digipeated through the Galileo Space Probe. This message, combined with a vision I had after 30 minutes of breathing the exhaust fumes of oxygenated gasoline, has led me to reveal the "ULTIMATE HTX-202 MODIFICATION FOR EXTENDED COVERAGE".

- A. Remove all screws and knobs from the radio.
- B. Carefully remove the circuit board and place it in a brown paper bag filled with styrofoam "peanuts".
- C. Using a hot knife, cut out the section with the lettering "HTX-202".
- D. Place the remaining parts on a lightly greased cookie sheet.
- E. Place the cookie sheet in your oven and set it to "Self Clean" for 2 hours.
- F. Take the bag with the circuit board outside.
- G. Tie the bag closed with a 6' piece of rope.
- H. Swing the bag over your head at least 10 times.
- I. Aiming for the neighbor's cat or the squirrel that is eating your tulip bulbs, let the bag go while barking like a dog.
- J. If you miss hitting anything, try again.
- K. Run back into the house shouting "I'll get you my pretty!" and remove the cookie sheet from the oven.
- L. When the smoke detector(s) turn off, place the cookie sheet in the garbage.
- K. Look in the mirror and repeat 17 times, "I need a vacation and I need it now".
- L. Order a new handheld with extended capabilities.
- M. When it arrives, glue the lettered section of your old radio over the model number of the new one.

Congratulations, you now have an HTX-202 with extended coverage.

WARNING: This modification may void your warranty, and will probably give your neighbors and friends something to talk about behind your back. I have not personally tried this mod (I'm crazy but I'm not stupid) so I can't guarantee the results. Your mileage may vary.

P.S. If you haven't figured out by now that this article is submitted for your enjoyment on April 1st, well, what can I say?

73... CORY

ARRL BULLETINS

Helping Amateurs In Many Ways

QST DE W1AW
ARRL BULLETIN 23 ARLB023
FROM ARRL HEADQUARTERS
NEWINGTON CT MARCH 3, 1993
TO ALL RADIO AMATEURS

ON TUESDAY, MARCH 2, THE U.S. HOUSE OF REPRESENTATIVES ADOPTED H.R. 707, THE EMERGING TELECOMMUNICATIONS TECHNOLOGIES ACT OF 1993. THE LEGISLATION HAD BEEN REPORTED OUT, WITHOUT AMENDMENT, BY THE HOUSE COMMITTEE ON ENERGY AND COMMERCE. THE BILL REQUIRES THE FEDERAL GOVERNMENT TO RELEASE 200 MHZ OF FREQUENCY SPECTRUM FOR COMMERCIAL USE TO FOSTER NEW TECHNOLOGIES IN THE PRIVATE SECTOR, WITH AT LEAST 180 MHZ TO BE BELOW 5 GHZ.

IT IS VIRTUALLY IDENTICAL TO LEGISLATION THAT WAS ADOPTED BY THE HOUSE IN 1991, BUT THAT DID NOT MAKE ITS WAY THROUGH THE SENATE DURING THE 102ND CONGRESS.

IN RECOMMENDING ADOPTION, THE COMMITTEE REPORT SAID "AN EXAMPLE OF THE DILEMMA THAT SPECTRUM MANAGERS MUST FACE DUE TO SPECTRUM CONGESTION WAS PROVIDED SEVERAL YEARS AGO, WHEN THE COMMISSION WAS FORCED TO RE-ALLOCATE TWO MEGAHERTZ OF SPECTRUM THAT HAD BEEN UTILIZED, ON A SECONDARY BASIS, BY THE AMATEUR RADIO SERVICE. THE AMATEUR SERVICE HAS ESTABLISHED AN IMPRESSIVE RECORD OF PROVIDING LIFE-SAVING EMERGENCY COMMUNICATIONS DURING NATURAL DISASTERS AND ACCIDENTS, WHEN MORE CONVENTIONAL METHODS OF COMMUNICATIONS WERE RENDERED INOPERABLE.

"YET BECAUSE OF THE LACK OF ALTERNATIVE, THE COMMISSION WAS FORCED TO TAKE AWAY THESE TWO MHZ IN RETURN FOR GIVING THE SERVICE 'PRIMARY' ACCESS TO AN ADJACENT THREE MHZ BAND. PASSAGE OF H.R. 707 WILL ALLEVIATE THE PRESSURE TO TAKE MORE SPECTRUM FROM THE AMATEUR SERVICE BY PROVIDING FREQUENCIES FOR NEW TECHNOLOGIES IN OTHER BANDS."

THE HOUSE BILL DIFFERS SOMEWHAT FROM SIMILAR LEGISLATION INTRODUCED IN THE SENATE BY SENATOR INOUE, S. 335, WHICH INCLUDES AUTHORITY FOR THE FCC TO ASSIGN SPECTRUM IN CERTAIN SERVICES BY AUCTION AND ALSO INCLUDES SPECIFIC PROTECTIONS FOR THE AMATEUR SERVICE THAT WERE SOUGHT BY THE LEAGUE DURING THE

PREVIOUS SESSION OF CONGRESS. AS YET, THERE HAS BEEN NO ACTION IN THE SENATE ON S. 335.

IF THE SENATE ADOPTS THE INOUE BILL IN SOMETHING RESEMBLING ITS PRESENT FORM, THE ARRL WILL ENCOURAGE THE CONFERENCE COMMITTEE THAT RESOLVES THE DIFFERENCES BETWEEN THE BILLS TO INCLUDE THOSE PROTECTIONS.

MORE INFORMATION ON S.335 WILL APPEAR IN APRIL QST.

NNNN

QST DE W1AW
ARRL BULLETIN 24
ARLB024
FROM ARRL HEADQUARTERS
NEWINGTON CT MARCH 5, 1993
TO ALL RADIO AMATEURS

IN RESPONSE TO A REQUEST BY THE ARRL, THE FCC HAS PROPOSED IN ET DOCKET 93-40 TO ESTABLISH A SECONDARY ALLOCATION FOR THE AMATEUR SERVICE IN THE 219-220 MHZ BAND TO BE USED FOR AMATEUR AUXILIARY STATION (POINT-TO-POINT) PACKET BACKBONE NETWORKS AND OTHER AMATEUR POINT-TO-POINT FIXED COMMUNICATIONS. THE COMMISSION ALSO PROPOSED OPERATING LIMITS AND OTHER MEASURES TO ENSURE THAT SUCH AMATEUR OPERATIONS DO NOT CAUSE INTERFERENCE TO PRIMARY OPERATIONS IN AND ADJACENT TO THE 219-220 MHZ BAND.

THE FCC NOTED THAT THESE SYSTEMS CAN BE USED IN TIMES OF EMERGENCY WHEN OTHER COMMUNICATIONS FACILITIES ARE OUT-OF-SERVICE OR OVERLOADED TO EFFICIENTLY CARRY A LARGE VOLUME OF MESSAGES, AND THAT AMATEURS PLAN TO USE WIDEBAND BACKBONE PACKET RADIO NETWORKS TO PROVIDE INTERCITY LINKS OF THEIR LOCAL PACKET RADIO SYSTEMS.

IN ITS PETITION, ARRL ASKED THE COMMISSION TO AUTHORIZE ACCESS BY AMATEURS ON A SECONDARY BASIS TO THE 216-220 MHZ BAND FOR AMATEUR WIDEBAND PACKET NETWORKS AND OTHER POINT-TO-POINT FIXED COMMUNICATIONS SERVICES. ARRL ARGUED THAT CROWDED CONDITIONS ON THE EXISTING BANDS, PARTICULARLY IN URBAN AREAS, PREVENTED COMPLETION OF A NATIONWIDE BACKBONE PACKET NETWORK FOLLOWING THE LOSS OF ACCESS TO THE 220-222 MHZ BAND.

THE COMMISSION IS PROPOSING TO AUTHORIZE AMATEUR WIDEBAND PACKET POINT-TO-POINT COMMUNICATIONS AND OTHER POINT-TO-POINT FIXED COMMUNICATIONS ON A SECONDARY BASIS IN THE 219-220 MHZ BAND. THE COMMISSION SAID IT BELIEVES THIS WILL FOSTER TECHNOLOGICAL EXPERIMENTATION AND INNOVATION, PARTICULARLY WITH HIGHER DATA RATES, AND FACILITATE THE CONSTRUCTION OF A NATIONWIDE PACKET DATA BACKBONE NETWORK. THE COMMISSION EXPECTS THAT THIS ACTION WILL RELIEVE CONGESTION IN THE 222-225 MHZ BAND IN CERTAIN GEOGRAPHIC AREAS. THE COMMISSION SAID THE AMATEURS' ABILITY TO PERFORM INTERFERENCE ANALYSIS, THE DIRECTIONAL NATURE OF THE PROPOSED SERVICES, AND THE SECONDARY STATUS OF THIS PROPOSED ALLOCATION SHOULD ADEQUATELY PROTECT ALL PRIMARY AND EXISTING SECONDARY OPERATIONS IN AND ADJACENT TO THE 219-220 MHZ BAND.

THE COMMENT DEADLINE ON THE FCC PROPOSAL WILL BE ANNOUNCED LATER, WHEN THE COMPLETE TEXT OF THE NOTICE OF PROPOSED RULE MAKING IS AVAILABLE.

NNNN

For the month of APRIL,
we wish the following a



Very Happy Birthday!

<u>CALL</u>	<u>NAME</u>	<u>DAY</u>
WK2G	MERRILL	01
A12B	RAYMOND	02
N2AKL	ROSLYN	07
KB2DHQ	JERRY	08
W2PAX	GURDON	12
N2JIB	HARRY	14
KD2CR	LEONARD	17
N2FNF	IRMA	18
N2SRO	MIKE	18
N2FPO	MARTIN	19
K2JJC	EDWIN	21
WA2UDO	ROBERT	24
N/C	HAL GOTTFRIED	25

Chas Sketchley, K2PQD
Data Processing

ATLANTIC DIVISION LICENSE TEST SESSIONS APRIL, 1993

Confirm all information with the contact person before appearing for a test. Some hamfests, but not all, offer tests. Many hamfest test sessions cannot accept walk-ins. Inquire in advance, to avoid disappointment.

>> EASTERN PA

- 1 Levittown, 7 PM.
Dave Heller, (W5YI)
- 1 Philadelphia, 6 PM. Phil-Mont MRC.
Dusty Rhoads, (ARRL)
- 2 Nazareth, 7 PM. Delaware-Lehigh ARC.
John Greenage, (ARRL)
- 3 Fallsington, 10 AM. Penn Wireless Assn..
George LeNoir, (ARRL)
- 19 Telford, 6:30 PM. RF Hill ARC.
Warren Erdman, (ARRL)

>> SOUTHERN NJ

- 15 Bellmawr, 6:15 PM.
Bill Helmetag, (W5YI)
- 17 Jackson, 10 AM. Jersey Shore ARS.
Dave McCauley, (ARRL)
- 24 Rio Grande, 10 AM. Cape May Co. ARC.
John O'Neill, (ARRL)
- 30 Mays Landing, 7 PM. *No walk-ins*
Steve Lucas, (ARRL)

>> DELAWARE

- 24 Wilmington, 9:15 AM. AWARE.
Giselle Walls, (ARRL)

Articles for the Crosstalk?

Send them to:

Harry Jessen - N2DUZ
48 Prospect Ave.
Erial, NJ 08081-2107

Or via packet: (145.070 Mhz)
N2DUZ @KF2AW.#SNJ.NJ.USA
- or -
Connect to: N2DUZ-10

REMEMBER THAT OLD Barbie Doll you or your girl friend had years ago? Know how much it is worth today? How about old comic books? Old baseball cards? Well, here is your chance to get in on the ground floor of another possible collectable... The G.C.A.R.C. "35th Anniversary" mug! But you had best hurry! There are only 4 of these rare mugs left, and at \$5 they are a bargain! (Just think, in another 10-15 years they may be worth \$5.25!)

Give Bill, N2FZ, a call
meeting!

to reserve yours now, or take a chance and try to get one at the April club

FOR SALE

The following equipment is in mint condition and most of it has either never been used or used only briefly!

B&K Precision (DynascanCorp.)

Model 467 CRT Teseter/Rejuvenator
New-\$536 Asking-\$300

Adaptors CR-20, -23, -24 -31 (ALL Together)
New-\$ 75 Asking-\$ 40

Model 520B Transistor Tester
New-\$268 Asking-\$150

Model 1653 Variable AC Isolated Power Supply
New-\$173 Asking-\$100

NCM Corp.

Model 871 Video Wonderbox A/V Pattern Generator
New-\$525 Asking-\$300

TENMA (MCM Corp)

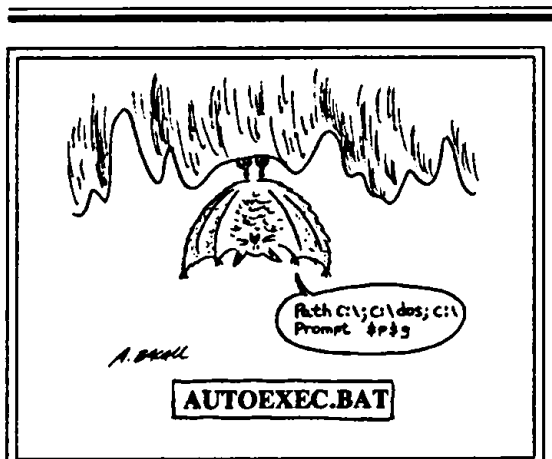
Degaussing Coil
New-\$ 30 Asking-\$ 15

Model 72-475 Sweep Function Generator
New-\$219 Asking-\$120

Model 72-405 Resistance Substitution Box
New-\$ 28 Asking-\$ 15

The above prices are open to negotiation. If interested contact:

Richard Fitch - WA2YLC
95 N. American St.
Woodbury, NJ 08096



For those of you who ARE NOT computer buffs, this is what an AUTOEXEC.BAT looks like!

Membership

Birthday Recognitions

The following GCARC members do not have birthdates listed in the club's membership database:

CALL	FIRST NAME	LAST NAME
N/C	CATHERINE	JOHNSON
N/C	GARRY	JOHNSON
N/C	BRUCE	MARSHALL
N/C	DAVID	D'ORAZIO
N/C	HAL	GOTTFRIED
N/C	BECKY	JOHNSON
N/C	MICHAEL	SCANZELLO
KA3SER	CHARLES	PRELLE
KB2AYW	JOEL	SUPKOW
KB2BIG	RAYMOND	BUIRCH
KB2ETV	CHARLES	FOX
KB2FRM	EARL	MC NELLY
KB2JKD	ALMEIDA	MC NELLY
KB2KPE	JIM	PARIS
KC2PC	CHRISTOPHER	KELLY
KF2IH	MICHAEL	SAPIO III
KR1M	STEVE	SOSSON
N2DNJ	JOSEPH	GREENE
N2FJL	RALPH	De GROODT
N2LGH	DANIEL	WILLIAMS
N2MHO	MICHEAL	HARLA
N2MSM	JOHN	MASSIE
N2NGQ	LLOYD	SUTER
N2NZR	THOMAS	SHULTZ
N2RHR	HOWARD	LEIBOWITZ
N2RTW	GERRY	CONNER
N2SBV	HENRY	VANDENBERG
N2SCJ	ROBERT	TURNER JR
N2SXO	RAYMOND	WRZESZCZYNSKI
N3ISO	HARRY	LAUER
ND2P	HARRY	WOLF
W2DWE	DOM	FARINELLA
WA2JCT	SALVATORE	Di AMORE
WA2QOY	HAROLD	BERRY
WA2SIT	RICHARD	MUNYAN
WA2TQC	KENNETH	BANO
WA2WFZ	MARK	ANTHONY
WB2GSF	HARRY	JACKSON

Additionally, those that are listed as N/C (No Call) have not provided their callsigns for inclusion into the databse. Please be sure to get this info to K2PQD, Charley, via packet @KF2AW, telephone , or by mail 22 G Street, Woodbury, NJ 08096.

C.Sketchley. K2PQD
Data Processing

Advertising for the Crosstalk?

- OR -

Publicity for the G.C.A.R.C.?

Send the information to:

Jacob Freedman - N2MPN
517 Devon Rd.
Moorestown, NJ 08057

WHAT HAPPENED?!

Following received via packet by N2DUZ...

Hello Harry,

Would you please advise the members in a little notice for Crosstalk that the response for Club Jackets has been VERY SLOW. As of this date, I have a grand total of 9 orders. A bit far from our anticipated and NEEDED goal of 45. If I don't get any input within the next few days or at the meeting, I'm sorry to say it is not worth continuing the effort.


Thanks de N2PKT

.....

Seems that a lot of people 'wanted' these jackets. What happened? This is your last chance for a long time to get one. Show the club colors and your support of amateur radio in general! Look in March's Crosstalk or contact N2PKT, Lou, for more information.

Have you purchased a new handheld, mobile or HF rig lately? Logging software? Why not take a few moments to let everyone in the club know what you think of it? Maybe you'll win a Pulitzer prize!

Open 7 A.M. to 1 A.M. (609) 228-5166



Fine Selection of Gourmet Food

Steaks • Chops • Seafood
Cheesecake

Rte. 47 & 41 Deptford Township
Conveniently Located at
5 Corners Intersection
P.O. Box 392 Sewell, NJ 08080

Ample Parking

"SIDESWIPER"

WHEN I GOT BACK on the air after a long absence, I started out on the Novice bands going very slow with a straight key. As I kept at it, my speed began to improve and soon I was doing 12-15 WPM... BUT NOT FOR LONG! My wrist and arm muscles would start to tense up and I couldn't send. This is known as '*Glass Arm*' and I believe it is the result of using the key improperly. My solution was not an electronic keyer, but what is known as a 'Sideswiper'. I saw an article in an old '73 magazine about such a key and so I decided to look it up.

If you think of a straight key as a single pole, single throw switch, then a Sideswiper is a single throw, double throw switch with a center off position. Instead of an up down motion with a straight key, the Sideswiper is a side to side wiggle. It is twice as fast and a lot less tiring.

My original Sideswiper used a piece of hacksaw blade as the lever, but this proved to be unsatisfactory because it was too springy and made contact chatter. I next tried a blade made for a Sawsall. This is a thicker and stiffer blade and so cut down on the chatter. I used this keyer for about 1 ½ years. Recently in another issue of '73, I found an article on a homebrew paddle for an electronic keyer that used two pieces of perfbord laminated together at the ends. This is the best material so far. There is very good dampening, so you can really close up the contact spacing to get increased speed without contact chatter.

I usually send between 15 & 20 WPM and have never had a problem with '*glass arm*'. There are no electronics to break, no batteries to replace and no knobs to adjust in order to change speed. It also adds a little personality to the sending that you don't get with an electronic keyer.

Several months ago, I was copying a QSO and one of the hams said he was using an old key call a Sideswiper. After they were finished, I called the Sideswiper user. After he gave me the usual signal report, he said it sounded like I was using a Sideswiper, but of course that was not possible today!

N2FZBill

SEEKING EMPLOYMENT in electronics, electromechanical service/repair field. Electronic school graduate with Extra Class Amateur Radio License. Troubleshooting, repair and business experience. Good people skills. Any leads appreciated.

Contact Bill Mollenhauer, N2FZ



April 1993

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



Sunday

Monday




Tuesday

Wednesday

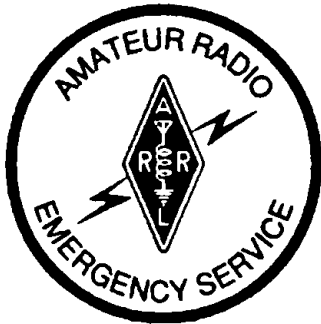
Thursday

Friday

Saturday

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 April Fools Day	2	3
4 6:00 PM ARES/ RACES Net 8:30 PM 10 Mtr Net  Daylight Savings—set ahead 1 hour Palm Sunday	5	6 Passover	7  8:00 PM GCARC Gen. Mem. Mtg.	8	9 Good Friday	10 Hamfest - Auburn, NY
11 6:00 PM ARES/ RACES Net 8:30 PM 10 Mtr Net  Easter	12	13	14	15	16	17
18 6:00 PM ARES/ RACES Net 8:30 PM 10 Mtr Net	19	20	21 7:30 PM B.O.D. Mtg	22	23	24
25 6:00 PM ARES/ RACES Net 8:30 PM 10 Mtr Net	26	27	28	29	30	

The ARES Primary and Alternate Net Controls
for the months of April thru June will be:



	<u>Date:</u>	<u>Primary</u>	<u>Alternate</u>
<u>April</u>	04	KB2GL	KB2FRM
	11	KB2ODJ	KB2IRK
	18	KE2ES	N2AIV
	25	KN2U	N2ASV
<u>May</u>	02	N2DWR	N2AYK
	09	N2FJQ	N2FKT
	16	N2DWK	N2HYS
	23	N2FNF	N2IMH
	30	N2KLD	N2NGQ
	<u>June</u>	06	N2KLE
13		N2PKJ	N2PKT
20		N2QEE	N2QEB
27		WA2HVW	WA2IBZ

Thanks.... Chick, WA2USI

WA2USI..... CHIC
KA2KMW ED
N2DWR MARLA

AA2BN JOHN
K2HPV HERB
K2JF JOHN

K2OWE JIM
K2ZA JACK
KA2DZF PETE

KB2AYU AL
KB2DHQ JERRY
KB2EAI HARRY

KB2ETV CHARLES
KB2ETX JEFF
KB2FRM EARL

KB2GL _____
KB2GW _____
KB2IRK WESLEY

Gloucester County ARES/RACES Call-up List

(Current as of March 27, 1993)

KB2JCG WALTER
KB2ODJ ED
KN2U KEN

N2AIV JIM
N2AKL ROZ
N2ASV RUSS

N2AYK ED
N2CME PETE
N2DWK SAM

N2FJQ AL
N2FKT DAN
N2FNF IRMA

N2HYS JANICE
N2IMH JIM
N2KLD MARY-
ELLEN

N2KLE JOE
N2LZS LOU
N2MOO DON

N2MWX DENNIS
N2NGO LLOYD
N2NLE JOHN

N2PKJ BILL
N2PKK PEG
N2PKN TONY

N2PKP MARK
N2PKT LOU
N2QEB BILL

N2QEE GARY
N2RTX _____
N2SBN _____

N2SCD STAN
N2SCE STEVE
N2SRO MIKE

N2SS TONY
N2SXO _____
NY2J _____

W2HVW WALLY
WA2FGA MILT
WA2IBZ HOWARD

WA2PFC ED
WA2TML CHICK
WA2TOP MIKE

WA3UVV CORY
WB2CAK JERRY
WB2DXB SONNY

WA2EFL HERB
WB2OZE JOSE
WB2VFX BILL