

GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2KMD

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 3 " Michael Lipnitz N2FKS
 2 " C. Sketchley K2PQD
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 1 " D.L. White N2FKT
 1 " W. Ashton WB2OYQ

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 3 " J. Clark KA2OSV
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 AWARDS K2ZA
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 CONSTITUTION WA2NPD
 CONTESTS
 DATA PROCESSING KB2COB
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 HAMFEST WB2CAK
 HEALTH/WELFARE KD2CR
 HISTORIAN K2PQD
 HOSPITALITY KB2AB
 CHAPLAIN K2JJC
 CROSSTALK N2FJQ

MEMBERSHIP WB2GSF
 NETS WA2TOP
 PICNIC WA2GFK
 PUBLICITY K2JF
 LEGISLATION K2JF
 REPEATERS WA2TML
 SCHOLARSHIP N2GSF
 SITE WB2LNR
 SPECIAL SERVICES WB2OYQ
 SUNSHINE KB2EUA
 TECHNICAL WA2TML
 TRAINING/TESTING WA2VQG
 DX KB2BF

CLUB NETS

ARES/RACES SUNDAY 2000 HRS. ET REPEATERS 147 78/18-224.66/223/0
 10 METERS TUESDAY 2100 HRS. ET FREQUENCY 28.350 MHZ

CLUB REPEATERS

147 78/18 224.66/223/06 MHZ 442.100/447.100 MHZ: PL20

CLUB MEETING : First Wednesday of each month at the V.F.W. Hall in Woodbury, N.J. Meetings begin at 8:00 PM.

CROSSTALK Contributions: Send to N2FJQ via Packet 144.95 or 145.07 or best way you can. Deadline is one week before meeting

Site monitors 147 78/18

JACOBS MUSIC
 SHEET MUSIC DEPARTMENT
 (215) 588-2249

EDITOR N2FJQ

Ralph E. Fisher

PRESIDENT/GENERAL MANAGER

***** FEBRUARY *****
*****PRESIDENT'S MESSAGE*****

Seeing so many happy faces at the last meeting was a pleasure. Two major events have been successfully accomplished. The first was a very fine and enjoyable awards banquet. A good time was had by all due to the timeless effort of Virginia Martin N2FJM. The second event was the annual VHF/UHF contest, our first effort from the club site using the club call W2MMD. I would like to thank the people who participated, K2JF, WB2CAK, N2AIV, WB2OYQ, N2HZM, KA2DOT, K2PQD, KA2OSV, WA2TOP, KN2U, Hope I didn't miss anyone. We thank John-K2JF, for a great effort and appreciate the use of his radio's by the club.

Please note the blank space by the contest committee, we need a volunteer to take charge and be contest chairperson, =PLEASE SOMEONE VOLUNTEER=.

Planning and preparation in progress for on coming events, J.C. Bike Hike, Hamfest, 4-H Parking, Fund raising Etc. WA2USI is asking for operators to work the J.C. Bike Hike for the association for Retarded Citizens of Gloucester Co, sign up on the Sunday night net or call WA2USI by phone. I would like to thank Virginia Martin N2FJM for taking charge of 4-H parking this year.

73 ED SUMEK (W2GSN)

***** 1989 DUES *****

Dues are now due for the 1989 year. No statements or bills are sent out, if you have not sent a check, please do so now. If you prefer you can pay with a check or cash at the February meeting. To the early birds thank you, if you have not received a new membership card you can pick it up at the general membership meeting on February 1, 1989, see you there.

Tnx 73 De BOB (KB2COB)

***** DATA PROCESSING *****

The following are updates and changes that you should make to the membership list that was enclosed in the January 1989, Crosstalk, so that your list is up to date, please make these changes to your list by hand, a new directory will be printed and sent in July.

Address correction: KE2IW---Charles Ellis

Change of address, Correct call---Haywood W. Pelly

WA2EUK should be WA2EVK

Correct call---Charles C. Graham---N3DVB should be N3DBV

Correct class of license---James T. Clark Sr. General should be Advanced

Change of call and upgrade of license---Merrill J. Brown

KA2sza is now WK2G upgraded to extra congratulations !!

Add to list---Larry Scarpa

Advanced class

I am making every effort to keep this membership list up to date and accurate. However I need your help, should any of your information change, or not be correct, Please send me a note of the changes and or corrections. The data base is made up of the following: Name, Address, Phone, Call, Class of license, Expiration date of license. If you wish, send me a note of your information and I will verify your file.

Thank you for your cooperation, 73 De BOB (KB2COB)

***** SITE REPORT *****

Something new has happened this past month that everyone should be aware of. Our club has operated it's first VHF contest from our location, with a very good score. I can't tell you a complete run down of operators, but it was quite impressive when I visited Saturday evening. Going into the back room I spied WB2CAK-Jerry, N2HZM-Mark, working 6&2 mtrs. In the next room was WA2TOP-Mike working 2Mtr, ssb (I think), then moving into the big room I found K2JF-John working 440. It was quite impressive to say the least. Also in the wings waiting were W2GSN-N2AIV-WB2OYQ-K2PQD-KN2U-N2IQQ-KA2OSV and I know I probably missed a few more operators. Sorry about that, but you will hear more about it right in crosstalk, or at the meeting.

Murphy struck again this month, a few times at the site with respect to water problems. But Murphy was avenged by the faithful. The pipes were fixed and the water problem, for the time being is in fine shape. More to follow. NEWS FLASH-VIA K2JF, 29,952 points for the VHF Bash-GOOD SHOW!!!!

I just recieved 500 Feet of 3/8's yellow plastic line for the poles which will be dressed in the near future. Only thing I'm waiting for now is the pulleys, which will be here in about a week or so. As soon as they are in place the Phone Company will be out to place the poles. So things are rolling right along. The only thing we haven't had any good information on is the septic system, and we are working on that. You can be assured-(I HOPE) that the system will be functioning as soon as possible. Well that should do it for this issue.

So again remember; IT'S YOUR SITE & STATION, SO COME ON OUT AND ENJOY IT.

Till next time. 73 De WB2LNR

***** A.R.E.S. / R.A.C.E.S. *****

Not much to report except for informing all out there: We will have a very big exercise on April 22nd 1989. That's right! The same day as the Bike-A-Thon.

As far as I can see both events will be going on at the same time, so we will be looking for good circuit discipline. Especially since there will be a lot of people listening to the frequency that day. It looks like the repeater will get a good work out that day. I will keep everyone up to date as soon as I get all of the information. So keep it in the back of the list of things to do.

Let me know on the Sunday evening net if you can make it.

Till next time. 73 De WB2LNR

***** LOCAL PACKET *****

The WA2VXT-4 PBBS system is operational 24 hours a day on the frequencies of 145.070 and 221.010 mhz. It utilizes the PRMBS Software as developed by KA2BQE. Use of desqview operating environment allows the operation of two independant PBBS systems sharing common message and files facilities along with a sysop console port. In addition to local mailbox use, the system has complete mail forwarding capabilities worldwide via the various backbone links, wormhole, etc.

A files section is also available containing various sub-directories with files of interest for downloading including executable MS-DOS programs. Future releases of the PRMBS software will incorporate a doorways feature which will allow users access to other applications on the system and even include the capability for the user to partake in "ADVENTURE" games. Thru the forwarding network, users have access to the ARRL bulletins, AMSAT/OSCAR info, Kepelarian files, DX and SWL info, product reviews and much more.

The system hardware consists of a XT clone running at 10Mhz with 20 meg of storage, two serial ports link to PAC-COMM TNC-220's. Rf is provided thru a Kenwood TW-4000A and a Kenwood TM-321A into AEA Isopoles.

In the event of a local emergency, the system can operate from storage battery/Honda generator power. Portable operation is possible using a Toshiba laptop/HK-21 tnc/handheld radio combination which is ideal for disaster and/or demonstration purposes.

TNX 73 De WA2VXT-4 PBBS

***** What's your FAX number? FAXmania swepy America in 1988. The FAX market reached \$1.2 billion (hey that's ten to the ninth) as 785,000 units were sold last year-an 88% increase! It is anticipated that \$500 FAX units will become available this year.

TNX 73 W5YI/K2JF

***** EVESDROPPER *****

Balancing the check book after the holidays can be difficult MARLA(N2DWR), especially with the kids and popcorn all over the place.

Ray(WB2LNR),has a list and,you better watch out,you will be on it and never be able to live it down,wow wow:::

Time goes fast and you get older Lenny(KD2CR),but the best thing to do is to carry a road map,in case you get lost,hope you enjoy your long ride.HI

Its tough when you have to look through hundreds of books to find a small bit of information,Dom(W2DWE).

We hear that Jerry(WB2CAK) lost his cool while visiting WA2TOP's home,he was stomping,swearing and shaking the christmas tree over a game he got beat at.

The average person can't understand the long words like"CONSTRICTED",what dose this mean,Harry(N2DUZ),it's not in my dictionary??????????

Ray(AI2B) is busy getting all his information transfered to seq files,but it's rough when the can't be retrieved on IBM,keep trying.Hi Hi

***** A PEEK AT THE PAST *****

Just 30 years ago on FEBUARY 4,1959 the first club buisness meeting of the GLOUCESTER CO.AMATEUR RADIO CLUB was held in the Woodbury courthouse.The second meeting was also held in the courthouse.By the time of the third meeting we moved to the Owens-Illinois club house and that was home base for many years.We elected our first officers that year and became affiliated with ARRL.Just 30 years ago our first crosstalk was mailed out to club members,I might say it was nothing like our paper today.

The year of 1959 was a great time for our club.Just think,dues were only 25¢ per month and the till had about \$2.67 after expenses were paid.We also conducted the first white elephant sale.Yes we had boat anchors to cart home just like today.The first constitution and by-laws were drawn up and approved.The only board member alive today from the first group is yours truly.Yes we had a field day that starting year and made a 3450 score.

To take care of the up and coming hams,a code class was started in the Woodbury courthouse with 10 students.At the close of the year we had a Christmas party and what a time was had by all.Howard Hirst K2QGH supplied some of the entertainment by playing the piano,and had us all tapping our feet.

As you can see,a great deal was accomplished in the beginning just 30 years ago with only a handful of members.I must also add that we were all pulling in the same direction for the good of the club.

Lets look down the road to the next 30 years and keep our club that outstanding jewel of South Jersey.Take part in your club activities.

Get in there and be a part of the club's history to come.

***** HAMFEST *****

This year marks the 11th Hamfest for GCARC. More importantly, 1989 is the 30th anniversary year of our club. We have made great strides in recent years within our organization and I think we should emphasize this at our Hamfest.

Not only does the Hamfest support GCARC members but in turn supports other groups. Two years running we have held Jamboree on the air at our club site. GCARC can provide emergency communications for the township of Harrison, the county, our state and the Delaware Valley area. There is an unlimited number of events that we can provide communication for, which is one of the primary interest of the club and members.

GCARC needs its members help along with our new members. Without you there would be no Hamfest. New members and long standing, young and more experienced members alike all have something to contribute. With a team this large and varied, there is no limit to what GCARC can accomplish.

I want to thank you for your support. Together we can put together another successful Hamfest, building on our past success. If you have any suggestions, please contact me. Thank you for your confidence.

TNX JERRY, WB2CAK

***** NEW SCANNER BILL *****

***** LAW TO INTRODUCE INTO LEGISLATURE *****

Believe it or not, through the efforts of Frank, N2IGO and another NNJ Amateur who has been helping me since the beginning of the year, but wishes to remain nameless, a State Assemblyman will introduce legislation within the month, that will exempt All Amateurs from the current law that states essentially that no one other than the Police or Fire personnel can have radios in their vehicles capable of receiving public service or governmental frequencies, , , , once this bill hits the floor of the Assembly, it will be assigned to a committee - after going to the Attorney General's office to get a legal opinion as to its constitutionality. Frank prepared a legal document that attacks the current law's constitutionality on grounds such as "overbreadth" and "vagueness" and there's a good chance that the Attorney General might agree, , , in any case, once the bill goes to committee, we can expect that the various Police groups will lobby against its passage again.

Unlike the last time the bill was in the Legislature, all of us have become very aware of what this law can mean, given the current state of the art in VHF/UHF transceivers EVERY ONE OF US HAS A STAKE IN THIS LAW!! For the committee hearings, I have been assured that the League's counsel will be on hand to testify; bringing in the fact that we, by virtue of our federally issued licenses, are exempt from this law. In fact N3AKD, is seeking an FCC ruling on our situation and may have this by the time the committee hearings start. Anyway, where every one of us comes in is that we have to make our Legislators aware of this situation and that we need relief from this law. I have a listing of all the current State Legislators and if you need names, addresses and phone numbers, just get in touch with me. Remember, next (this year 1989) is an election year. That may work in our favor. The important thing is that you and I must talk this up and keep hammering on our friends and fellow club members to contact their representatives once this bill is introduced and file designation is given to it. Watch your local PBBS, or listen to your local traffic net and/or listen to Eastlink for the very latest information. TNX WA2HEB SCM SNJ/K2JF

***NOTE: I will write for the above names etc of our local representatives for the club members. TNX/73 JOHN/K2JF

*****QUESTION: Who has the largest Private TV network in the United States?

*****ANSWER: Ask WA2USI

***** ARRL COORDINATES SHIPMENT OF PACKET STATIONS TO USSR *****

Six donated complete Packet VHF stations have been sent to the USSR at the request of Leonid Labutin,UA3CR,who has been put in charge of the radio communications in support of the Armenian earthquake relief effort by the Radio Sports Federation of the USSR.Leo had requested assistance in the form of portable packet-radio stations to help the Soviets develop their fledgling packet-radio network in response to the emergency.Thanks to QST columnist Vern RiPortella,WA2LQQ,donation of equipment was lined up from the TANDY Corporation (six Model 102 laptop computers),Yaesu USA (six FT-23R transceivers),and AEA (six PK-88 Tnc's,a PK-232 data controller and six Hotrod antenna's). The complete stations were packed and given to Vern RiPortella,who delivered them to Kennedy Airport where they were flown to Moscow,December 21,1989.

As of this writing several of the portable packet stations are on the air, supplementing communications between the stricken area,Moscow,and the rest of the world. TNX ARRL/K2JF

***** FCC PROPOSES TO EXPAND 6-METER REPEATER SUBBAND *****

THE FCC has proposed,in Docket 88-527,to expand the 6-meter repeater subband by 1MHZ,to include 51-52 MHZ. The proposal is in response to two petitions filed by two repeater groups on the West Coast.The Southern California Six Meter Club (SCSMC) and The Southern California Repeater and Remote Base Association (SCRRA).Both groups requested expansion of the 6-meter repeater subband in order to accommodate a growing number of the repeaters in the band.

Comments on the proposal are due January 27,1989,with reply comments due February 28,1989. TNX INDEXA/K2JF

***** TV CABLE COMPANY ORDERED TO FORFEIT \$2000 *****

The FCC Philadelphia Field Office has ordered the Raystay Company trading as TV Cable of Carlisle,Pa.,to forfeit \$2000 for repeated violations of the FCC signal leakage standard. During two separate inspections of its cable system,FCC Personnel found a total of 25 instances of excessive signal leakage.

The FCC's rules prohibit cable television systems using frequencies between 54 and 216 MHz from exceeding a maximum signal leakage standard of 20 microvolts per meter measured at a distance of ten feet from its cable.

Compliance with this rule is required to ensure that cable television systems do not interfere with over-the-air users in the same area.

The FCC has denied a request from the Raystay Company to review the \$2000 forfeiture. (Note* If you are experiencing any TV Cable interference,get in touch with your Club's RFI committee.) TNX FCC/K2JF

***** CALL SIGN PIRATE *****

A "PIRATE" has been heard using K2OWE's call on 28 MHz and 3.7 MHz cw with strong signals in the local area. Anyone who can help locate this pirate PLEASE notify Jim or any of the club officers.Your name or call will not,(I REPEAT,WILL NOT BE REVEALED), TNX WB2YOF/K2OWE 73

***** Did you know that there are 21 radio beacons in space(the GLOBAL POSITIONING SYSTEM) that can pinpoint your location to within 200 feet! When you drive across country you will have a computer on board.On a disk you'll have the information on hotels and restaurants,and when you want to stop,you will call up that information.You will be warned if you make a wrong turn. (Think it will get us to 5-points?) Tnx 73 De W5YI/K2JF

***** CREATIVE SPECTRUM GRAB (?) *****

While most of the amateur community has focused it's attention on the highly publicized FCC reallocation of a portion of the 220 Mhz.band to land mobile,a grab of amateur spectrum may have been accomplished through the back door. UPS,the only known beneficiary of the 220 decision,may have been outdone by several Japanese manufacturers and U.S. retailers in their ability to capture an amateur band for their benefit.

Here's the possible scenario:First,appear to be a newly converted backer of amateur radio by carrying licensing materials in your stores.Keep in mind this is just a cover for stage two.

Second:import a ten meter "amateur"radio which would have a great appeal to CBers(a long dormant market needing stimulation). The rig should run higher power than permitted for CB,since the sale of amplifiers to cover the CB/10M range is illegal.And with a simple jumper modification,the rig should cover the entire 26-30 Mhz.range.Just in time for the great sunspot years.Indicate on the radio that an amateur license is required to transmit,but don't require or request to see an amateur license before selling it.

If the rigs receive wide enough distribution,we have a de-facto expansion of CB to 4Mhz.total-all perfectly legal from the manufacturers and retailers standpoint,and without involvement of the FCC. And,as has been proven by the CB fiasco,beyond the control of anyone to reverse.

The scenario may or may not have been the intent of the manufacturers and retailers.And the actual risk to amateur radio may range from zero to significant.But the fate of the amateur 10 meter band may now be in the hands of 20,000 retail salespeople. from ACC notes,Sept.-Dec.1988 De WA2TML.

***** MAILBOX CALL-SIGN SLOT LIST *****

01.HOME	15.N2FJM	29.K2OWE	43.K2PSI	57.W2DWE	71.N2dwr
02.	16.N2HYS	30.KB2GW	44.K2RCH	58.N2DJZ	72.N2ETJ
03.	17.KA2DOT	31.WB2LNR	45.WB2THM	59.N2AYK	73.WA2SIT
04.	18.AI2B	32.NM2T	46.WA2PFC	60.WB2GSF	74.N2DUZ
05.	19.	33.N2FJQ	47.WB2UVB	61.WA2FZB	75.N2HIS
06.	20.	34.WA2UHQ	48.N2IQQ	62.N2FKT	76.
07.	21.WA2TML	35.	49.KD2CR	63.KA2OSW	77.KB2COB
08.	22.N2FNF	36.WA2GFK	50.WA2USI	64.N2FKS	78.SYSTEM USE
09.	23.KC2PC	37.	51.WA2UDO	65.WB2CAK	79.SYSTEM USE
10.	24.K2JF	38.WB2OYQ	52.KE2ES	66.WB2DXB	80.SYSTEM USE
11.	25.W2PAX	39.KA2KMW	53.NJ2B	67.WA2ZND	
12.	26.N2ASV	40.KZ2N	54.WA2TOP	68.ND2P	
13.	27.WB2OZE	41.WA2IBZ	55.K2PQD	69.N2FSG	
14.WB2VOH	28.W2GSN	42.N2AKL	56.KA2OSV	70.KN2U	

NOTE-The word "HOME" is stored in location 01./As of 1-16-89 / De WA2TML.

***** FOR SALE:Robot 400C B/W slow scan television system,includes SSTV converter unit,B/W camera with power supply,schematics and manuals for SSTV and camera.Works perfect and ready to put on the air. \$200.00

Tamiya "Boomerang" 4WD R/C race car,includes car,motor,7.2V,1200Mah battery,Futaba 2 ch.tx/rx,2 servos,ac/dc timed charger for drive battery,and all instructions.Tx is dry cell type but nicads can be used. \$260.00

FOR ABOVE ITEMS; CONTACT ART-KA2DOT

***** FOR SALE: Icom IC-30A 22 channel crystal controlled 440Mhz FM mobile transceiver,with 14 sets of crystals and COM-SPEC subaudible tone generator mounted inside it,with manual. \$175.00 or best offer.

Icom IC-502 6meter SSB & CW transceiver,2 watts portable with built in batteries and antenna also manual. \$100.00 or best offer.

Sony Camcorder-Model CCD-V8-AFU with all accessories,2 batteries and car adapter. \$850.00 FOR ABOVE ITEMS; CONTACT

ROTUMA. On December 29, The ARRL awards committee unanimously accepted The ARRL DX advisory committees recommendation that Rotuma be added to the ARRL DXCC countries list. DXCC credit will be given for contacts on or after November 15, 1945. Both the recent 3D2XX and the 3D2XR operations will be creditable. Other operations, if any, will be accredited upon receipt of complete documentation. Qsl may be submitted for Rotuma credit on or after June 1. Cards submitted before that date will be returned without action. There are a few DXCC members who have been given FIJI credit based on a 3D2XR or other Rotuma qso. They may resubmit this qsl card for the proper Rotuma credit, along with a FIJI card for FIJI credit, on or after June 1, 1989.

UNITED ARAB EMIRATES. A61AB is back on the air after a lengthy equipment repair delay and should be more active than previously.

LACCADIVE ISLANDS. SURI, VU2MY, reports that the planned dxpedition to this Indian ocean island can be expected no earlier than mid February or later.

SOUTH PACIFIC DXPEDITION. The BLACK FORREST DX GROUPE, DL5UF, HILDE, DK1CE, ULMAR and DF2UU, HANS, are starting a South Pacific tour on February 15 to last until mid March. Stops planned are Western Samoa, 5W, South Cook, ZK1, Tokelau, ZK3, American Samoa, KH8 and Tonga, A3. Before returning to West Germany, they will visit the FIJI Islands and then New Zealand and Australia. QSL VIA DL5UF.

EASTERN SIBERIAN DX CLUB DXPEDITIONS. This Russian groupe is expected to operate 3WOA from Vietnam around Januaty 27. They are also planning operations from LAOS, XW, and The Peoples Democratic Republic of Yemen, 70, and a stop at Spratley Is. 1S, for 3 days.

Thanks to KB1BE and the CONN. DX ASSN. for the DX info. VIA WA2VXT-4 PBRS.

***** TVRO *****

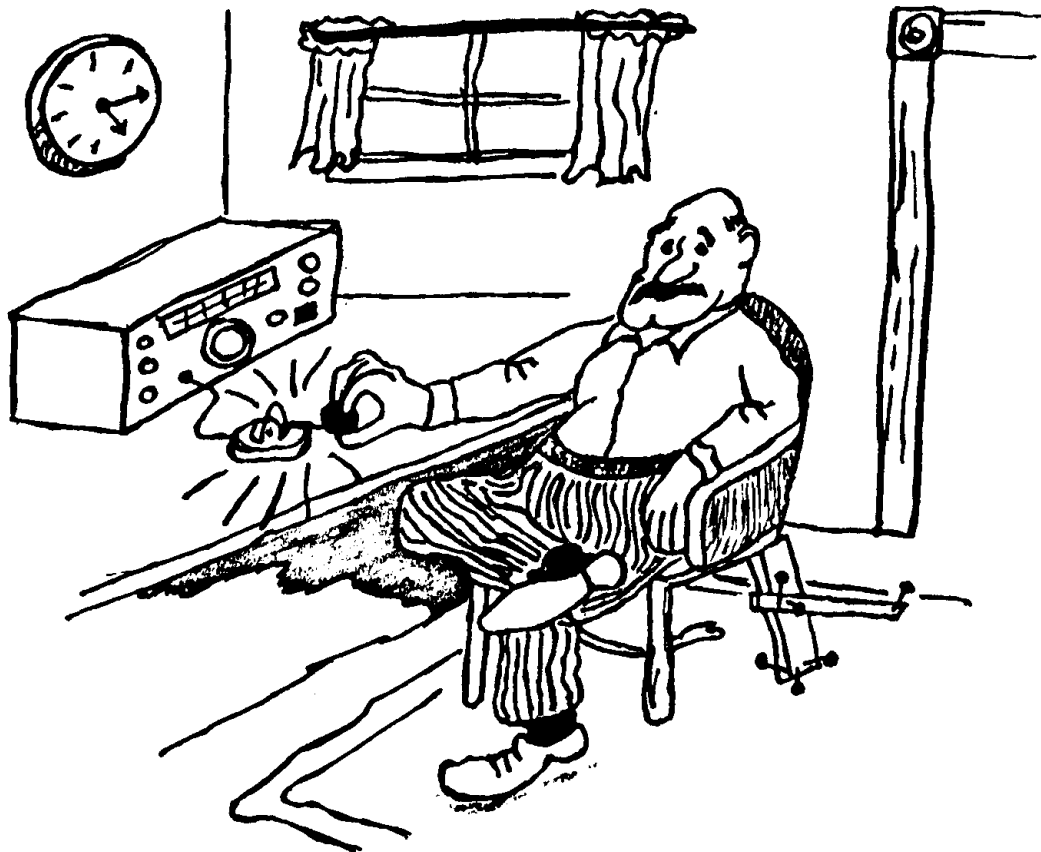
A US District court in New Jersey overturned a restrictive home satellite dish zoning ordinance by the town of Maplewood that would have unreasonably impaired the instalation and use of home TVRO systems. In it's decision, the court cited the 1986 FCC preemption that prohibits local municipalities from unfair restricting home dish installation and use. The Maplewood ordinance restricted antenna height to six feet and placed landscaping, and other restrictions on the homeowner. Tnx De 73 MAGAZINE

*****DO YOU REMEMBER? When floppy disk drives became available?(I bet WA2DXB, K2PQD, W2GSN, K2JF do!). Blank disks cost up to \$5 each! The going price is now as low as a quarter! Here are some firms that offer very low BULK DISKETTES.

DISK INTERNATIONAL SUPPLY CO(1-800-233-2477), ROYALE DATA PRODUCTS INC (1-800-544-3472), DISKETT CONNECTION (EAST 1-800-621-6221), There are more and if you are interested call K2JF. I bet some of the computer boys in our club can get them real cheap locally; so, call WB2DXB, K2PQD, K2OWE, AI2B (They can get them for you wholesale) TNX De W5YI/K2JF

*****The Futures Group (Glastonbury, Ct) forecasts that prices of slow-scan picture phones will drop to under \$200, making them a popular gift item in 1990. Printed books will be sent via phone, using high-speed laser pictures (250 pages in 6 to 8 minutes and easy to use binding systems). WILL IT ORK OVER THE PHONE PATCH ? TNX De W5YI/K2JF

*****Computer guided lawn mowing has been unveiled by Technical Solutions of Sterling, Va. A robot lawnmower follows the pattern of long grass until its sensor detects only blades at a prescribed height! The LAWN RANGER will sell for about \$800. TNX De W5YI/K2JF/KB2COB-A/K2JF



**KEYER HERE HAS VARIABLE SPEED OM...
BUT ONLY ONE MEMORY**

******* WARNING-RECALL *******

Although this is not a ham radio oriented message it concerns a matter of safety which is important to all of us. This is apparently not well publicized matter either. I didn't see the newscast where it was announced but was told about it by a friend and have confirmed it.

BLACK AND DECKER has announced a total recall of all MODEL 401 and MODEL 403, spacesaver (under counter type) coffee makers. It seems they have bad timers which are capable of shorting out and causing a serious fire. If you have one of these CALL-1-800-833-3396 (TOLL FREE). B&D will send you a postage paid mailing label and a refund check for the suggested retail price of your unit (usually slightly more than you paid). You may also receive an additional free gift from them! This is apparently a serious matter since their advise when you call is "If you have one of these models, plugged in, unplug it immediately!"

TNX De WB2IJM Via WB2MNF PBBS

******* SOLAR CYCLE *******

A NASA physicist presented a scientific paper to the American Geophysical Union which predicted an "exceptionally large peak in the current solar cycle occurring in 1990 which will shorten life spans of orbiting satellites."

Increased ultraviolet radiation makes the upper layers of our atmosphere hotter and thicker increasing satellite drag which in turn decays orbits and shortens their lifetime. (It is now predicted by NOAA and the boys out at Boulder that this cycle will SURPASS the 1957 cycle). "Youse guys" who were around then can remember real great DX from all over. Like shooting fish in a pond. All that it took then to get on Honor roll was that they be there; so, let us hope that countries that are now not operating will allow operation.

TNX De W5YI/K2UF

NOTICE

THE REVISED CONSTITUTION AND BY-LAWS OF THE GLOUCESTER COUNTY AMATEUR RADIO CLUB WILL BE READ A SECOND TIME AND VOTED ON AT THE NEXT (FEBRUARY) GENERAL MEMBERSHIP MEETING. THE REVISED CONSTITUTION AND BY-LAWS, IF PASSED, WILL COMPLETELY REPLACE THE EXISTING CONSTITUTION AND BY-LAWS. THIS WILL TAKE PLACE IF 75% OF THE VOTES CAST ARE IN FAVOR OF SUCH ACTION.

This revision was done to make the Constitution and By-Laws easier to read and to include accurate descriptions of how the Club is actually being run. For example, the election and budget processes are now fully described. No new changes are included in this rewrite. Ample time will be allowed for discussion and questions before a vote is taken.

Copies of the revised Constitution and By-Laws were previously distributed to all Club members. These copies contained an error in ARTICLE VIII - Section 4.

This section should read:

ARTICLE VIII - MEETINGS

Section 4. A quorum for general or special membership meetings shall consist of a minimum of fifteen (15) CLUB members.

Copies of the new Constitution and By-Laws will be distributed to all members if approved.
tnx de WA2TML



FEBRUARY



1989

SUN

MON

TUE

WED

THU

FRI

SAT

			1 G.C.A.R.C. GENERAL MEMBERSHIP MEETING 20:00 PM WOODBURY YFW HALL P&E ATTEND	2	3	4 VERMONT QSO PARTY NEW HAMPSHIRE QSO PARTY NORTH AMERICAN CW SPRINT
5 G.C.A.R.C. ARES / RACES NET 20:00 PM	6	7 G.C.A.R.C. 10 METER NET 21:00 PM	8	9	10	11 OCWA CW QSO PARTY DUTCH "PACC" CONTEST YLRL YL/OM SSB CONTEST
12 G.C.A.R.C. ARES / RACES NET 20:00 PM	13	14 G.C.A.R.C. 10 METER NET 21:00 PM	15 G.C.A.R.C. BOARD OF DIRECTORS MEETING 20:00 PM CLUB SITE	16	17	18 ARRL DX CW CONTEST
19 G.C.A.R.C. ARES / RACES NET 20:00 PM	20	21 G.C.A.R.C. 10 METER NET 21:00 PM	22 DEADLINE FOR CROSSTALK	23	24 CQ WW 160M CONTEST	25 CQ WW 160M CONTEST FRENCH SSB CONTEST YLRL YL/OM CW CONTEST
26 G.C.A.R.C. ARES / RACES NET 20:00 PM	27	28 G.C.A.R.C. 10 METER NET 21:00 PM				

VISIT YOUR CLUB SITE