

GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

G.C.A.R.C. OFFICERS

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AWARDS K2ZA
BANQUET N2DWR
CONSTITUTION WA2NPD
CONTESTS ?
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SCHOLARSHIP N2GSF
SITE WB2LNR
SPECIAL SERVICES KA2ZZA
SUNSHINE KB2EUA
TECHNICAL WA2TML
TRAINING/TESTING WA2VQG
SPECIAL EVENTS WB2OYQ

CLUB NETS

ARES/RACES SUNDAY 20:00 HRS. REPEATERS 147/78-224.66/223/06
10 METERS TUESDAY 21:00 HRS. FREQUENCY 28.350 MHZ.

CLUB REPEATERS

147.78/18 MHZ. 224.66/223.06 MHZ. 442.100/447.100 MHZ. PL20 OR 3E

CLUB MEETING : FIRST WEDNESDAY OF EACH MONTH AT THE V.F.W. HALL IN
WOODBURY, N.J. STARTS 20:00 PM. SHARP.

CROSSTALK CONTRIBUTIONS : SEND TO N2FJQ VIA PACKET(WA2VXT-4)145.070 OR
(KB2COB-A OR 10)145.070 OR (K2SB)144.950 OR MAIL, DEADLINE IS ONE WEEK
BEFORE MEETING.

CLUB SITE MONITORS 147.78/78

*****APRIL NOTES OF 30 YEARS ACO*****

THE REGULAR MONTHLY MEETING OF THE GCARC WAS HELD WEDNESDAY APRIL 1, 1959 IN OUR NEW MEETING PLACE-THE OWENS-ILLINOIS CLUB ROOM. PRESIDENT VAN TURNER W2KE CALLED THE MEETING TO ORDER AT 20:15 AND MADE A FEW PERTINENT REMARKS RELATIVE TO THE CARE OF OUR NEW MEETING PLACE. HE APPOINTED FRANK RITTER K2UJY CHAIRMAN OF A HOUSE COMMITTEE. THE SECRETARY'S REPORT WAS READ AND RECEIVED AFTER TWO MINOR CORRECTIONS. (A VERY GOOD SECRETARY WAS ED STEISER, K2JJC). THE TREASURER GAVE AN ACCOUNT OF THE EXCELLENT CONDITION OF THE CLUB TREASURY AND HIS REPORT WAS APPROVED. A BILL WAS PRESENTED TO COVER THE MAILING EXPENSE OF THE CLUB PAPER AND APPROVED FOR PAYMENT. IT WAS DECIDED THAT REFRESHMENTS BE PAID FOR BY THOSE PARTAKING OF SAME MAKING IT UNNECESSARY TO TAP THE CLUB TILL FOR THIS EXPENCE. PRESIDENT TURNER READ A LETTER OF FELICITATION FROM THE PHILADELPHIA OFFICE WHICH ALSO COVERED THE SUBJECT OF BCI AND TVI.

HORACE SIMPSON REPORTED THAT IDENTIFICATION BADGES ARE NOT AVAILABLE ON A GRATIS BASIS BUT MAY BE OBTAINED AT A COST OF \$20.00 PER HUNDRED, MOTION OFFERED AND PASSED THAT THE CLUB PURCHASE 100 BADGES AND SELL THEM TO MEMBERS AT 20¢ EACH. THE FURTHER ORDER OF BUISNESS WAS SET ASIDE AND OUR SCM HERB BROOKS WAS PRESENTED TO THE CLUB. HERB SPOKE ON THE BENEFITS ACCRUING FROM AFFILIATION WITH THE LEAGUE, ARC AND OPPORTUNITIES FOR LEAGUE WORK ESPECIALLY IN THE OO FIELD. HERB CONCLUDED HIS REMARKS BY ANSWERING QUESTIONS FROM THE FLOOR. GEORGE STUART, K2SOL THEN MOVED THAT WE AFFILIATE WITH ARRL AND HIS MOTION WAS DULY SECONDED AND PASSED. THE SECRETARY WAS INSTRUCTED TO WRITE THE LEAGUE RELATIVE TO EXECUTING THIS INTENTION.

MEETING ADJOURNED AT 22:40 AFTER WHICH WHITE ELEPHANT SALE WAS CONDUCTED BY CHARLIE, K2PQD.
EXCERPT OF MINUTES OF 1959===TNX C. SKETCHLEY, K2PQD

*****AMERICAN CANCER SOCIETY BIKE-A-THON*****

I REALISE THE CLUB AGREED THAT THIS WOULD NOT BE A CLUB SPONSERED EVENT, I AM SOLICITING HELP FROM OUR CLUB MEMBERS AND SOME OTHER CLUBS ON BEHALF OF THE CANCER SOCIETY. THE DATE IS JULY 23, 1989, IF YOU CAN HELP OUT PLEASE LET ME KNOW, LEAVE MESSAGE AND TEE SHIRT SIZE ON MACHINE,

*****MS 150 BIKE-A-THON*****

SAME DEAL AS ABOVE, EXCEPT THIS IS A TWO(2) DAY AFFAIR, SEPT. 23 & 24TH, I WILL HAVE SIGN UP SHEETS AT THE MEETING OR LEAVE MESSAGE AND TEE SHIRT SIZE ON MACHINE,
TNX WALT WB2OYQ

*****NEW NOVICE AND TECHNICIAN TRAINING*****

CLASSES TO START ON EITHER APRIL 18 OR 25TH, TUESDAY NIGHTS FROM 7:00 P.M., UNTIL 9:30 P.M. (COFFEE OR SODA BREAK 8 TO 8:15 P.M.) CLASSES ARE FREE AND RUNS 9 WEEKS FOR NOVICE AND 3 ADDITIONAL WEEKS FOR TECHNICIAN. TELL YOUR FRIENDS, WIVES OR ANYONE ELSE WHO MIGHT BE INTERESTED, CONTACT BILL OR RALPH AND LEAVE YOUR MESSAGE AT CAMDEN CO RACES EOC AT CLASSES WILL BE HELD AT THE TRAINING ROOM IN BELLMAWR, BROWNING RD. AND LEWIS AVE. CLASS SIZE IS LIMITED SO YOU MUST REGISTER IN ADVANCE. INSTRUCTORS WILL BE BILL HELMETAG, BILL O'DONNELL AND CHICK NAYLOR.
TNX BILL WA2VQD

*****NEWS FLASH*****

MR. ENNIS COLMAN, SECTION 2 CHIEF ENGINEER IN CHARGE OF THE FCC OFFICE IN OUR AREA HAS RETIRED... THE ACTING NEW CHIEF IN CHARGE OF THE FCC OFFICE IS MR. JOHN RATHES... MR. RATHES OF THE "FRIENDLY CANDY COMPANY" HAS BEEN MOST HELPFUL IN AMATEUR MATTERS. TNX K2JF VIA WA2VXT PBBS.

*****FCC MONITORING STATION*****

THE BELFAST, ME. MONITORING STATION HAS ISSUED A SECOND NOTICE TO KIUGM FOR===THE TRANSMISSION OR DELIVERY OF THIRD PARTY TRAFFIC INVOLVING MATERIAL COMPENSATION EITHER TANGABLE OR INTANGIBLE, DIRECT OR INDIRECT, TO A THIRD PARTY, A STATION LICENSEE, CONTROL OPERATOR, OR OTHER PERSON IS PROHIBITED, DOWNLOADING THE FILES "FOR SALE NEW DUAL BANDER", WANTED 440 COMBINER/PARTS", WOULD BE A VIOLATION OF SECTION 97,114(B), ISSUING OFFICER: DAVID H. LARRABEE. TNX WA2VXT PBBS

#1

*****WANTED*****

H.F. EQUIPMENT: I AM GETTING BACK INTO THE GAME, I WOULD LIKE INFORMATION ON DRAKE TR-7 OR ANY USED H.F. TRANSCEIVER, PREFER DIGITAL READ-OUT PLEASE CONTACT ME BETWEEN 9 PM 5 PM OR LEAVE INFO. ON PACKET TO K2JF. TNX DAVE W2YC VIA K2JF VIA WA2VXT PBBS

#2

MIDLAND 2 METER # 13500===CLEGG FM 76 220 MHZ===MIDLAND 220 MHZ # 13509===CALL WALT WB2OYQ
LEAVE MESSAGE ON MACHINE. TNX WALT WB2OYQ

*****THE MYSTIQUE OF GROUNDING*****

THIS FRIDAY AFTERNOON SEMINAR WAS ONE OF THE FIVE PRESENTATIONS THAT WERE AVAILABLE TO ARRL CONVENTION ATTENDEES AT 2:30 P.M. JUDGING BY THE PACKED ROOM, IT MUST HAVE BEEN THE MOST POPULAR, GIVEN BY DR. ALAN CHANDLER, K6RFK, VICE PRESIDENT ADVANCED ELECTRONIC APPLICATIONS(AEA), IT WAS VERY INFORMATIVE.

ALAN EXPLAINED HIS REASON FOR CHOOSING THIS TOPIC. IT SEEMS THAT SEVERAL YEARS AGO, HE WAS INVOLVED WITH 15 OTHER PEOPLE ON THE SUBJECT OF GROUNDING WHO ALL GAVE THEIR OPINIONS ON THE SUBJECT. THEY WERE ALL WRONG!

THERE ARE FIVE TYPES OF GROUNDING: POWER, LIGHTNING, RF, ANTENNAS AND CIRCUITS. POWER GROUNDING WAS MOST OBVIOUS TO EVERYONE WITH THE TYPICAL COLOR CODING OF BLACK, WHITE AND GREEN WIRES. THE WHITE WIRE IS THE NEUTRAL WIRE, THE BLACK WIRE IS THE "HOT" SIDE. THE GREEN WIRE IS THE EQUIPMENT GROUND AND THE NEUTRAL AND EQUIPMENT GROUND WIRES BROUGHT BACK TO THE NEUTRAL TERMINAL IN THE PANEL.

LIGHTNING GROUNDING IS SOMETHING MORE OF US SHOULD BE AWARE OF. A TYPICAL LIGHTNING STROKE CAN BE ANYWHERE BETWEEN 10 AND 250KA. CONSIDERING THAT AND THE INDUCTANCE OF THE TOWER, ABOUT 125KV MAY BE INDUCED ON THE COAXIAL CABLE AT THE BASE OF YOUR TOWER. THEREFORE, YOUR COAXIAL CABLE(i.e., the shield) SHOULD BE GROUNDED AT THE BASE, USING A BARREL-TYPE COAXIAL CONNECTOR.

ALAN SAID THAT THERE IS REALLY NO SUCH THING AS AN RF GROUND. THIS CAN BE EXPLAINED WITH PLAIN #12AGW WIRE. THE WIRE MAY MAKE A GOOD GROUND, BUT TAKING INTO CONSIDERATION THE INDUCTANCE OF THE WIRE, THE IMPEDANCE WILL INCREASE WITH AN INCREASE IN FREQUENCY. HE ALSO SAID THAT THE $\frac{1}{2}$ -WAVE PHASING SECTIONS SHOWN IN THE 1976 ARRL HANDBOOK ON PAGE 170(PAGE 380 IN THE 1971 BOOK) IS INCORRECT. IN ADDITION TO CONNECTING THE SHIELDS TOGETHER, RESISTORS SHOULD BE CONNECTED BETWEEN THE BALANCED OUTPUT AND THE SHIELD. HE DIDN'T KNOW IF THE LATER ISSUES HAD CORRECTED THIS OVERSIGHT.

ALAN STRESSED THAT ANTENNAS HAVE TWO TERMINALS. WHEN CONNECTING THE COAXIAL CABLE TO A COMMON DIPOLE, THE SHIELD SEES TWO LOADS-THE OTHER HALF OF THE DIPOLE AND THE SHIELD ITSELF, AND THAT CAN BE ANYWHERE BETWEEN 20 AND 1000, DEPENDING ON THE LENGTH.

TNX JOHN MINKE, N6JM VIA WORLD RADIO

*****OLD EQUIPMENT MANUALS*****

THIS IS NOT A ADVERTISEMENT BUT A HELPFUL HINT THAT I WISH TO PASS ALON TO YOU WHO STILL HAVE THE OLDER EQUIPMENT AND YOU NEED A MANUAL=====A GOOD SOURCE OF MANUALS FOR OLD EQUIPMENT IS "HI-MANUALS, P.O. BOX 802, COUNCIL BLUFFS, IA. 51502"== THEY CARRY MANUALS FOR FOR MOST NATIONAL, HALLICRAFTER, HAMMERLUND, AND OTHER PIECES OF EQUIPMENT..

TNX DAVID KNEPPER W3BJZ VIA WORLD RADIO

*****RADIO CLUB ATTENDANCE*****

YOU CAN ALWAYS GET EXCELLENT SEATS AT ALL CLUB MEETINGS. FROM YOUR ADVANTAGEOUS SEAT YOU CAN GAWK AT, SMILE AT, IGNORE OR ENJOY THE FELLOWSHIP. YOU'RE IN A WONDERFUL SPOT TO SEE AND SAY "HELLO" TO NEW MEMBERS. YOU NEVER HAVE TO WORRY ABOUT WHAT TO WEAR EXCEPT FOR YOUR BADGE. IF YOU NEED ADVISE ABOUT A PROBLEM YOU CAN COLLECT A TON OF IT FREE. THE COST FOR ALL THESE BENIFITS, JUST ONE EVENING A MONTH! TNX HAM RADIO GUIDE VIA WORLD RADIO

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

ALL SYSTEMS STATUS QUO..... WAITING FOR BIDS TO COME IN ON THE SEPTIC SYSTEM. WE ARE IN NEED OF HAND TOOLS, AND ALL KINDS OF TOOLS. SO IF YOU HAVE ANY SPARES THAT YOU WOULD LIKE TO DONATE, PLEASE DO SO. ALSO LOOKING FOR RG-8 COAX. WIRE FOR ANTENNAS AND GROUNDING.

73 DE WB2LNR

*****FOR SALE*****FOR SALE*****FOR SALE*****

I AM MOVING AND CAN'T HAVE HAM GEAR AT THE NEW QTH=I HAVE MY COMPLETE STATION FOR SALE AS A PACKAGE DEAL ONLY++++KENWOOD TS-510S++++NEW IN BOX 10MTR 4EL BEAM NEW IN BOX BY CRUSHCRAFT++++HORIZONTAL VERTICAL 10-80 MTRS++++RINGO RANGER++++MIKE+++COAX+BENCHER PADDLE++5POS.COAX SWITCH+++KANTRONICS CODE READER++JOHNSON LOW POWER++TUNER.MY NAME IS DON BRANT KA2WMU

---\$550.00 FIRM. TNX DON KA2WMU

*****RF IN THE HAM SHACK*****

IT IS ALWAYS A PROBLEM IN ANY SHACK, BUT WORSE WITH COMPUTERS AROUND THERE ARE CRACKS IN THE SHIELDING, POOR FITTINGS ON THE COAX, POOR GROUNDS ON THE SOLDERING CONNECTIONS, THE QUESTION IS WHERE IT COMES OUT AND THE RELATIVE AMOUNTS. SO HERE AT KD9YK I HIT ON THE IDEA THAT A VTVM (RCA VOLTOHMIST SENIOR I USED) AND A LENGTH OF COAX WITH A COUPLE ALLIGATOR CLIPS I HAD, I PUT A DIODE 1N34 IN THE CLIPS AND USED IT AS A PROBE. THE SCALE SENSITIVITY WAS ADJUSTED AND I FOUND MY COAX FITTING LEAKED. A SMALL CAPACITOR MIGHT IMPROVE THE OPERATION ACROSS THE DIODE TO READ THE RELATIVE DC.

TNX 73 DE KD9YK VIA WA2VXT PBBS

*****OSCAR 10 METER NET*****

A NEW 10 METER NET TO COMMENCE FOR OSCAR SATELLITE BEGINNERS ON SUNDAYS IN KEEPING WITH AMSAT'S GOAL OF EDUCATION, A NEW NET WILL COMMENCE ON SUNDAY FEBUARY 12,1989 AT 19:00 UTC ON A FREQUENCY OF 28.460 MHZ. THIS WEEKLY HF NET WILL HAVE AS ITS NET CONTROL STATION (NCS) VINNIE BANVILLE, WB2YBA. THE FREQUENCY OF THIS AMSAT "NOVICE/TECHNICIAN" NET WAS CHOSEN SPECIFICALLY FOR THE PURPOSE OF ATTRACTING NOVICE AND TECHNICIAN CLASS LICENSEES AND INTRODUCING THEM TO THE WORLD OF OSCAR SATELLITES. THIS NET WILL INCLUDE A WIDE RANGE OF TOPICS FOR DISCUSSION RELATED TO USING THIS EXCITING MODE OF AMATEUR RADIO SATELLITE COMMUNICATIONS, eg., TRANSPONDER MODES, SATELLITE TRACKING PROGRAMS, ANTENNAS, EQUIPMENT, SIMPLE ORBITAL MECHANICS, ETC. THE LEVEL OF THE DISCUSSIONS ARE INTENDED TO BE INTRODUCTORY IN NATURE. ALL ARE INVITED TO CHECK INTO THIS NET AND WELCOME VINNIE AS HE STARTS THIS NEW AMSAT "NOVICE/TECHNICIAN" NET.

TNX 73 DE WA2VXT PBBS

*****COAXIAL ATTENUATION VALUES*****

TRANSMISSION LINE LOSS TABLE FOR COAXIAL LINE

(ALL VALUES ARE DB PER 100 FEET)

FREQUENCY IN MHZ

CABLE TYPE RG/U	10	50	100	200	400	1000	3000
6A	.04	1.90	2.70	4.10	5.90	9.80	23.00
8,8A,213	.55	1.30	1.90	2.70	4.10	8.00	16.00
BELDEN 9913	**	.64	1.00	1.60	2.50	4.50	***
BELDEN 9914	**	1.10	1.60	2.40	3.50	6.00	***
BELDEN 9888	.60	1.20	1.70	2.70	4.20	7.80	14.20
BELDEN 8214	.60	1.20	1.70	2.70	4.20	7.70	14.20
8X	1.10	2.50	3.70	5.40	8.00	13.50	26.00
9,9A,9B,214	.66	1.50	2.30	3.30	5.00	8.80	18.00
11,11A	.66	1.60	2.30	3.30	4.80	7.80	16.50
14,14A,217	.41	1.00	1.40	2.00	3.10	5.50	12.40
218,219	.24	.62	.95	1.50	2.40	4.40	9.50
BELDEN 9915	**	.60	.80	1.20	1.90	3.50	***
34,34B	.32	.85	1.40	2.10	3.30	5.80	16.00
55B,223	1.20	3.20	4.80	7.00	10.00	16.50	30.50
58	1.25	3.15	4.60	6.90	10.50	17.50	37.50
58A,58C	1.40	3.30	4.90	7.40	12.00	24.00	54.00
59,59B	1.10	2.40	3.40	4.90	7.00	12.00	26.50
62,62A	.85	1.90	2.70	3.80	5.30	8.70	18.50

*** NO DATA AVAILABLE

Field Day "89" - June 24 & 25

Hi kids, do you know what June 24 & 25 means? Sure, I knew you did, it's Field Day time. Or whatever Mr. Rodgers might say. But it is getting near to that time of year again when our well-organized (?), highly-disciplined (??), precision-tuned (???) event known as Field Day will be held. It's already April and it seems as though FD "88" was not that long ago. How time flies, when you're having fun.

Before I go on, please note the message from our club Prez. on the subject of alcohol, etc, being used on the club grounds. We have had several violations in the past and they simply cannot continue as we have far too much to lose by it. Enough from me on that.

"I don't know anything about Field Day and don't want to make any mistakes", "my CW is really bad", "I'm not a contester", "I don't know how to be a Band Chairman"; any of these sound familiar? If you have heard some of my QSO's on the repeater, you might have heard these statements or variations of them. These all pretty much applied to me for the first five years I was a ham. Then, after joining the club, Jerry (WB2CAK) and I decided to try 20 CW in the form of teletype. Well, that didn't pan out so we went in on 20 meter phone in 1985 and have been going out to Field Day every year since. We made many mistakes along the way, but we learned a lot each year and have had a lot of fun in the process. So don't let fear get in your way of coming out to Field Day this year. Even if you can only stay a few hours, it will be worth it.

For those of you who might consider coming out for the weekend, but don't know what to expect, here is a basic rundown. We have all the amenities that are normally available with a mobile home. Yes, that means the ability to take a hot shower when you wish. Just save me some hot water, please. Some of us start rolling in late Friday afternoon and set up tents and trailers for the weekend. We now have two power load centers that will be brought out on Friday afternoon and plugged in so those who need electric for their set-up, will have it available. These are the same load centers that will be providing generator power for Field Day operations after 1pm Saturday afternoon. There is a telephone in the trailer, so it will not be difficult to get in touch with someone at the site. The best part is that we eat well during the weekend, beginning with coffee and donuts (generally) on Saturday morning. The club provides the food for us from Saturday morning through Sunday morning breakfast. This year both Roslyn Marder (N2AKL) and Irma Colabrese (N2FNF) will be doing the food prep for us and they take their Field Day activity very seriously. I assure you, you will eat well.

This year the ARRL has authorized the 12 meter and 17 meter bands for Field Day contesting, therefore, they are included in our repertoire(?) of operations.

The following are Band Chairmen thus far:

80 CW. - OPEN

75 PH. - Art Strong - KA2DOT

40 PH. - OPEN

40 CW. - Ken Newman - N2CQ
 20 PH. - Ed Sumek - W2GSN
 20 CW. - OPEN
 17 PH. - OPEN
 17 CW. - Ray Martin - WB2LNR
 15 PH. - OPEN
 15 CW. - OPEN
 12 PH. - OPEN
 12 CW. - OPEN
 10 PH. - Dan White - N2FKT
 10 CW. - Jack Zaruba - K2ZA
 6 PH. - OPEN
 6 CW. - OPEN
 2 PH. - OPEN
 2 CW. - OPEN
 220 PH. - OPEN
 440 PH. - OPEN

There are a lot of bands still open for anyone that may be interested in being a Band Chairman. Just give me a call on the phone or the repeater or see me at the club meeting. The following is my definition of "Band Chairman" for those that may not know but curious to find out.

BAND CHAIRMAN: a ham who takes on the responsibility of putting together a station and fast-talking some friends into operating and logging with him/her all weekend. This involves getting the radio, antenna, coax, tuner, paper, pencils, table, chairs, extension power cable, tent, sleeping bags, lights, clock, mike (or key) together to make their operation work.

All these things can be divided up, among the people involved in the band, according to who has what. It is not as hard as it may sound, but it does require careful and coordinated planning from those that are involved with the band.

That's it for this month. If there is anyone who is contemplating being a Band Chairman, but is a little unsure about it, give me a call and we can talk about it. Till then, see ya at the meeting.

Art - KA2DOT - Chairman Field Day '89'

*****HAMFESTS*****

- APRIL 8 - SATURDAY 9 TO 4 - SADDLE RIVER, NJ
 CHESTNUT RIDGE RADIO CLUB 11TH ANNUAL FLEA MARKET
 SADDLE RIVER REFORMED CHURCH, WEISS ROAD AT EAST SADDLE
 RIVER ROAD. TALK-IN: 146.955MHZ
- APRIL 15- SATURDAY 8-4:30 - FLEMINGTON, NJ
 CHERRYVILLE REPEATER ASSOCIATION, INC.
 HUNTERDON CENTRAL HIGH SCHOOL FIELD HOUSE, RT 31
 FCC EXAMS. TALK-IN 147.015 147-375 146-52 224-12 444.85
 MORE INFO. MARTY GROZINSKI, NS2K FLEMINGTON, NJ 08822.
- APRIL 22-23-SATURDAY-Sunday-TRENTON, NJ
 TRENTON COMPUTER FESTIVAL-TRENTON, NJ
 TRENTON STATE COLLEGE, RT 31 SOUTH OF I-95, HILLWOOD LAKES,
 EWING TWP. THE LARGEST AND THE OLDEST. BILL GATES OF MICROSOFT
 WILL BE A FEATURED SPEAKER. MORE INFO. TO COME. GENERAL
 INFORMATION =====FLEAMARKET INFO.

REPEATER NEWS

de WA2TML

A new feature has been activated on the 2 Meter Repeater Autopatch/Autodialer to prevent malicious patch hangup during a call. It's called the Custom Hangup Code. It allows the user the option to define his own three-digit hangup code prior to making the call. This inhibits the normal Patch Hangup command from terminating the call.

To define a custom hangup code for either the Autopatch or the Autodialer, enter the command within 15 seconds of initiating the patch (do it before activating the patch). The controller will respond with "cancel". The hangup code is returned to the normal hangup code (#) after the completion of the call, or if the patch isn't initiated within 15 seconds.

User Command - (*) (any 3 keys except # or D and not beginning with 3 *
the Pad Test Prefix)

Example Let's say I want the Custom Hangup Code to be 4 7 9.

Send * 4 7 9 before initiating the patch.

The controller will respond "cancel".

The patch hangup code for this call is redefined to be 4 7 9.

Initiate the Patch within 15 seconds.

To terminate that patch send 4 7 9.

Remember, usage of this Custom Hangup code is optional. If you choose not use it, the Patches will continue to operate exactly as before.

MAILBOX CALL-SIGN SLOT LIST

as of 3-23-89

01 HOME	15. N2FJH	29 K2OWE	43 K2PSI	57. W2DWE	71. N2DWR
02.	16. N2HYS	30. KB2GW	44. K2RCH	58. N2DUJ	72. N2ETJ
03.	17. KA2DOT	31. WB2LNR	45. WB2THM	59. N2AYK	73. WA2SIT
04.	18. AI2B	32. NI12T	46. WA2PFC	60. WB2GSF	74. N2DUJ
05.	19.	33. N2FJQ	47. WB2UVB	61. WA2FZB	75. N2HIS
06.	20.	34. WA2UHQ	48. N2IQO	62. N2FKT	76.
07.	21. WA2TML	35.	49. YD2CR	63. YA2OSW	77. KB2COB
08.	22. N2FNF	36. WA2GFK	50. WA2USI	64. N2FKS	78. SYSTEM1 USE
09.	23. KC2PC	37.	51. WA2UDO	65. WB2CAK	79. SYSTEM1 USE
10.	24. K2JF	38. WB2OYQ	52. KE2ES	66. WB2DXB	80. SYSTEM1 USE
11.	25. W2PAX	39. KA2K1W	53. NJ2B	67. WA2ZND	
12.	26. N2ASV	40. K22N	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

GRNDIFOLLEFEVALYRRAHRYR3AK
 FE2EXTRARRIMSTEVESOSSONAE
 NVFRK2QWEJIMHOLLICAOSSL2NL
 EEPSS2XKRB2GAAARUTHBOBOY2OXO
 RIOTKR2FTXJEFMARDERHKWG
 ACMXI22OSWRLXWRTTYLNPWABB
 LEACNOGYTXWAAAYLRIJNW2220
 NRRLPNWQOSOLOSAEAOECP2EO
 AETAIGGWMCMIENTBASOZPL2UK
 NGIRLNEAGHDSNARNRSRBICTAYX
 DZNELOOLAEEENEETLCEFTVZ
 LTONEFRTRSTPTWJMOLXLIIGIHE
 OEGCATGANNESEYONIDTLNEROP
 GMREHSESAFEIRCYKCTIDOGMO
 NDAMCTMHNLLRESSRYEKRXRIAL
 ONDCIRUTXEAOTEAEERMEROGNSE
 TOYCMANORHJAMCLEATUT4EIGS
 LMXLSTNNZYRAGLCIUES4RSARO
 IYTAKOSUCWRJDAIILPTIIEHMAJ
 MAENFDDBCBNMVLMA SMNRP EACE
 LRKA2230JMBOTIOMERURRYNCIZ
 IBCHNANA2CRWCARQTAQEXTREO
 W2AAAK2W2GSNEDSCUMEK44OIW2
 3IPNXNXW2LVWJAMESPECKNEAB
 KA2QFKCHRISTINEWESTXUTCW

CLUES====THERE ARE (30) CALL SIGNS & NAMES
 THERE ARE (41) HAM RELATED ITEMS
 ANSWERS NEXT MOUNTAIN====THE FIRST PERSON WHO THINKS
 THEY HAVE ALL THE ANSWERS, WILL RECEIVE 100 GCAPC QSL
 CARDS. CALL N2FJD TO VERIFY.

GOOD LUCK
 73'S AL

*****DAYLIGHT SAVINGS TIME*****

FROM ARRL HEADQUARTERS=====WITH THE CHANGE TO DAYLIGHT TIME ON APRIL 2, ALL SCHEDULED WIAW
 CODE PRACTICE AND BULLETIN TRANSMISSIONS WILL BE ONE HOUR EARLIER IN UTC. IF YOU GO ON DAYLIGHT
 TIME, THE LOCAL TIMES WILL REMAIN THE SAME. FOR EXAMPLE, THE 9A.M. EST. 1400 UTC CODE PRACTICE
 WILL CHANGE TO 9 A.M. EDT, 1300 UTC AR. DE WIAW VIA LBARA PBBS

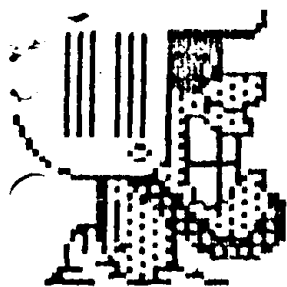
*****EVESDROPPER*****

HEY=VIRGINIA(KA2ZZA)-HOW DO YOU OPEN FROZEN MAIL BOXES NOW THAT YOU LOST YOUR BALL BAT?
 CHRIS-(KC2PC)-SAYS THAT PLASTIC CARDS HAVE NO USE ANYMORE EXCEPT FOR GAS AND CAMPING.GUD FER U.
 ART(KA2DOT)=WOULD LIKE TO TAKE THE AFTERNOON OFF TO ATTEND THE FRIDAY LUNCHEON, BUT HIS BOSS
 WOULDN'T APPRECIATE IT. BEST OF LUCK WITH YOUR ALGEBRA.
 FATHER NORM(WA2BMQ-CAN USUALLY FIND RAY (WB2LNR) TO TALK TO WHEN NO ONE ELSE IS AROUND.
 RAY(WB2LNR)-SURE GETS LONG WINDED,HE TIMED THE REPEATER OUT AGAIN.++WOW++
 DID WE HEAR RIGHT, THAT CHARLIE(K2IQD) AND LEN(KD2CR) GOT LOST GOING TO THE FRIDAY LUNCHEON.+WOW+
 SONNY(WB2DXB)-says hello radio when no one else is around==GUESS YOU HAD A GOOD FLORIDA TRIP.

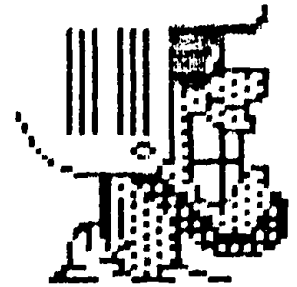
 CONGRATULATIONS TO NORMAN WILLIAMS ==FOR ACHIEVING THE DESTINCTIVE AWARD FROM ARRL FOR

 ===== W2SPN =====
 "5" BAND DXCC FOR CW. GOOD JOB.

*****CONGRATULATIONS TO MIKE N2FKS =FOR WORKING NGROW IN CALIFORNIA, STARTING OUT WITH A NEAR
 100 MILOWATTS ,BUT LATER HAD TO UP POWER TO 10 WATTS. HEY GANG THIS TELLS YOU THAT IT IS
 EASY TO WORK 10 MTRS ON LOW POWER,GO GETUM MIKE.



APRIL



1989

SUN MON TUE WED THU FRI SAT

							1
2 G.C.A.R.C. ARES / RACES NET 20:00 PM	3	4 G.C.A.R.C. 10 METER NET 21:00 PM 28.350 MHZ USB	5 G.C.A.R.C. GENERAL MEMBERSHIP MEETING 20:00 PM WOODBURY YEW HALL PGE ATTEND	6	7 LUNCH FIVE POINTS DINER	8 ALABAMA QSO PARTY ARCI QRP CW QSO PARTY	
G.C.A.R.C. ARES / RACES NET 20:00 PM USA--USSR CONTEST	10 ARRL YHF / UHF SPRING SPRINT 144 MHZ	11 G.C.A.R.C. 10 METER NET 21:00 PM 28.350 MHZ USB	12 YLRL DX/YL TO NA/YL CW 3 DAY EVENT APR.12/13/14	13	14 HOLIDAY IN DIXIE QSO PARTY GA. QSO PARTY IBM QSO PARTY LUNCH 5 PTS	15 QST QSO AWARD PARTY 5SB	
16 G.C.A.R.C. ARES / RACES NET 20:00 PM JCC--BIKE--A THON	17	18 G.C.A.R.C. 10 METER NET 21:00 PM 28.350 MHZ USB ARRL SPRING SPRINT 2801MHZ	19 G.C.A.R.C. BOARD OF DIRECTORS MEETING 20:00 PM CLUB SITE	20 *PASSOYER* FCC EXAMS BELLHOUR COMMUNITY CENTER BELLMAWR,N.J. 19:00 PM SHARP	21 LUNCH 5 POINTS DINER	22 ARES / RACES COMM--DRILL ABOUT--B AM COMM. QSO PARTY QST QSO CW AWARD PARTY	
23 G.C.A.R.C. ARES / RACES NET 20:00 PM	24	25 G.C.A.R.C. 10 METER NET 21:00 PM 28.350 MHZ USB	26 DEADLINE FOR CROSSTALK ARRL SPRING SPRINT 4321MHZ	27	28 LUNCH 5 POINTS DINER	29 SWISS HELYETIA CONTEST	
30 G.C.A.R.C. ARES / RACES NET 20:00 PM							

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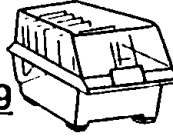
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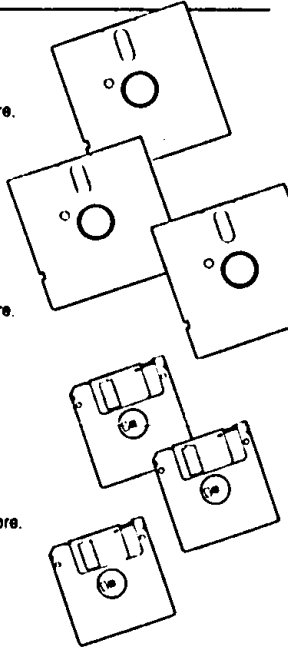
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2 3/4 x 2 3/4	1 across	2,500	\$12.00
2 3/4 x 1 7/16	1 across	5,000	\$3.75
3 x 15/16	4 across	20,000	\$2.10
3.3 x 15/16	4 across	20,000	\$2.15
3 1/2 x 15/16	1 across	5,000	\$2.00
3 1/2 x 15/16	2 across	10,000	\$2.00
3 1/2 x 15/16	3 across	15,000	\$2.00
3 1/2 x 15/16	4 across	20,000	\$2.00
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