

GLOUCESTER COUNTY AMATEUR RADIO CLUB'S OFFICIALS

OFFICERS 1989

President ED SUMEK W2GSN  
 Vice-President LEN KRAVITZ KD2CR  
 Treasurer BOB LAYTON KB2COB  
 REC. SECRETARY BETH BARNISH KB2EAL  
 COR. SECRETARY JOHN FISHER K2JF  
 CHAPLAIN ED STETSER K2JJC

CROSSTALK

EDITOR N2FJQ  
 Printer W2GSN  
 Distribution K2OWE  
 KD2CR  
 K2JF

BOARD OF DIRECTORS

3 Years J. BARNISH WB2CAK  
 3 " M. LIPNITZ N2FKS  
 2 " C. SKETCHLEY K2POD  
 2 " E. ROSS WA2ZND  
 1 " D. L. WHITE N2FKT  
 1 " W. ASHTON WB2OYQ

CLUB REPEATERS

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

BOARD OF TRUSTEES

4 Years V. MACRIE KA2ZZA  
 3 " J. CLARK KA2OSV  
 2 " H. SPIECE NJ2B  
 1 " H. JACKSON WB2GSF

CLUB NETS

ARES/RACES

Time: Every Sunday: 2000 Hours ET  
 Repeaters: 147 78/18-224.66/223/0  
 NET CONTROL: WB2LNR

10 METERS

Time: Every Tuesday: 2100 Hrs. ET  
 Frequency: 28.350 MHZ  
 Net Control: WA2TOP

COMMITTEE CHAIRMEN

ARES/RACES WB2LNR  
 AWARDS K2ZA  
 BANQUET N2FJM  
 COSTITUTION WA2NPD  
 CONTESTS K2HPV  
 DATA PROCESSING KB2COB  
 FIELD DAY KA2DOT  
 HAMFEST WB2CAK  
 HEALTH/WELFARE KD2CR  
 HISTORIAN K2POD  
 HOUSE KB2AB  
 MEMBERSHIP WB2GSF  
 NETS WA2TOP  
 PICNIC WA2GFK  
 TRAINING/TESTING WA2VQG

COM. CHAIRMEN

SCHOLARSHIP N2GSF  
 SITE WB2LNR  
 SPECIAL SERVICES ?  
 SUNSHINE KB2EUA  
 TECHNICAL WA2TML  
 LEGISLATION K2JF

PRESIDENTS MESSAGE

Another new year and another new president. I am going to try for another great year for the club. I have some plans and programs that I will be presenting to you, I will need some help from all the club members. I will try to find out what activities you would like.

I would like to have a program committee to find out what programs you would appreciate and arrange for them. I would like to see the program lined up 2 to 4 months ahead and be published in the crosstalk for all to know what is ahead. In closing I promise you that I will be considerate, courteous, fair and your treatment will be impartial in all matters pertaining to the club. I am looking forward to your cooperation with club projects and activities. HAPPY NEW YEAR 73 W2GSN

EDITORS MESSAGE

This is the first time that I have tackled a job as important as getting the club paper together and out to you on time, providing I don't have any big problems. I want you members to know that any article that I receive will be published as soon as possible, in the past this has been overlooked and a lot of you have missed out

My address and phone number is listed in the club roster you just received, and I will take news over the phone or you can send to me by mail, I am now on packett and you can leave your articles in one of the two different mailboxes--#1 WB2YOF-144,95 or #2-KB2COB-145,070, If you have problems getting connected, just contact some of the guys on 144,930 and they will help you if they can. We are striving hard to get the paper back to the original format, the first couple issues will be a little messed up but as time goes along we will get things back to the good ole days, I will be looking forward to receiving your input about the paper, and any articles you want included, I hope all the chairmen of the various committees will send in their reports, this is your paper and we want to print it like you like. TNX-73-N2FJQ

" AWARDS BANQUET "

THE RUSH IS ON, THE HOLIDAYS ARE HERE, SO THIS IS JUST A REMINDER, THE BANQUET IS NEAR. THE DATE IS SATURDAY, JANUARY SEVENTH, 1989 AT CAVANAUGHS, ON THE BLACK HORSE PIKE IN WASHINGTON TOWNSHIP NJ... COCKTAILS AT SEVEN PM., AT YOUR EXPENSE (SORRY)..

DINNER AT EIGHT PM., DON'T BE LATE !!

ROAST ROUND OF BEEF, CHICKEN ALA MARSALA,

STRING BEANS WITH JULIANNE CARROTS AND OVEN ROASTED POTATOES.

GARDEN SALAD, FRUIT SALAD AMBROSIA.

BEVERAGE, ROLL AND BUTTER WITH A COOKIE TRAY.

PRICE IS \$13.00 PER PERSON, = \$26.00 A COUPLE.

THIS IS A FUN EVENING AND YOU MAY GET AN AWARD.

FOR RESERVATIONS PLEASE CALL

IF NEED BE YOU CAN BRING

MONEY OR CHECK TO THE JANUARY FOURTH CLUB MEETING. IN ANY CASE

PLEASE R.S.V.P. VIA PHONE FOR A PROPER HEAD COUNT. THANK YOU.....

YOUR BANQUET CHAIRLADY

VIRGINIA MARTIN - N 2 F J M

EVEDROPPER=

I hear that John(K2JF)is up to his house keeping chores again,do you do windows HiHi.

They say that the birds are having a grand time roosting on the new antenna in Grenloch,watch out for the droppings Fred(KB2BF)

It seems that Virginia(N2FJM)had a rough time shopping at the mall while Ray(WB2LNR)sits at home and plays with the trains.

Hey Rosyln(N2AKL),you better watch out what you say on your remote phone,you never know who is listening

I wonder if Ray (WB2LNR)had rabbit soup after he felt sorry for the rascle,by letting it in out of the cold and it did a chew up job on his console wiresHa,Ha,dont worry Ray its only a rabbit HI.

Guess Chuck(KE2IW)is feeling lonley in Fla.at least its warm there.

We hear that Al(N2FJQ)is on packett,watch out for the funny graphics.

A 2mtr repeater is like a woman they like to be kept warm,so how about a heater for the repeater shack??????W2MMD???????

Wonders never cease as to what you find in the trash,Marla(N2DWR)and how cheap it is to fix others trash.

I wonder if Charlie (K2PQD) will ever forget the difference between 2E26 and 6146,also things dont come cheap,you must at times HI HI.

Now that Mike(N2HIS) has got a new radio,after starving with out lunch at school,can be heard,but the nets sure need ur help.

We all hope that Bob&family(KB2COB)enjoy their trip south,watch out for all those gators and mesquitos.

DX-----NEWS

4J1FS=ARRL has announced the DX advisory committee's recommendation to add MALYJ VYSOTSKIJ ISLAND to the DXCC list.Credit will be issued beginning 1 March 1989 for contacts beginning with the July 88 4J1FS operation.

3W8DX--3W8CW--ARRL has recieved and approved the documentation for this operation from VIET NAM.

3W0A-Look for this operation by RL8PYL groupe beginning in Jan.89.

3D2XX-ROTUMA-DX advisory committee has unanimously accepted this as another new country and forwarded the proposal to ARRL.

ST--SUDAN--Activity has been reported on 20M at 01:00Z.

9L1JD--SIERRA LEONE--Worked on 20M,at01:00Z-12/26.John will be active in the future,check about this time around 14,190MHZ.

QSL-VIA GOEWI-BURO==OR VIA Gloga=G.BOULTON CLOSE,CHESTERFIELD,  
DERRYSHIRE=UNITED KINGDOM S 404XZ

3DA0AH--SWAZILAND=Fred has been active around0300-0400Z,on 20M with A big signal.He will be there until 1991.QSL VIA==P.O.BOX 2726 MBABNE,SWAZILAND.GREEN STAMP OK.

73'S de KB2BF

Please send me your dx info.or other notices,tnx.

" CLUB SITE "

A NEW FIRST HAS BEEN ACHIEVED: FRANCE F5QT ON SIX METERS. THIS WAS DONE ON DECEMBER 13th., AT 1827 ZULU TIME ON 50.119 Mhz., THE OPS NAME WAS JOHN PAUL. LOCATION OF GRID IS JNØ3. GOOD SHOW !!!!! THANKS TO JOHN FISHER K2JF FOR RUNNING OUT THERE ON A MOMENTS NOTICE. IT WAS QUITE FUNNY, JOHN WAS ABOUT HALF WAY HOME FROM THE SIGHT WHEN I CALLED HIM ON TWO METERS AND TOLD HIM TO TURN AROUND AND GET BACK THERE AS QUICK AS HE COULD. THE COMMOTION WHICH FOLLOWED SOUNDED LIKE A MAX SENATE COMEDY SHOW. JOHN SHOUTING FOR PEOPLE TO GET OUT OF HIS WAY SO HE COULD GET BACK TO THE SITE. WHAT A TRIP, I WISH I HAD TAPED IT. WELL ANYWAY JOHN GOT HIM FOR THE CLUB, AND AFTER HE DID THE CURTAIN DROPPED RIGHT IN FRONT OF HIM AND THE GUY WAS GONE. THANKS JOHN.

NOW FOR THE BAD NEWS. WATER BREAK IN KITCHEN..... OH NO MR. BILL !!! THATS RIGHT, OLD MAN WINTER IS REALLY GETTING THE BETTER OF US WITH THE WATER SITUATION. IT SEEMS AS THOUGH THE INSULATION RIGHT UNDER THE SINK ISN'T THE GREATEST IN THE WORLD AND OLD MAN WINTER HAS WON THIS ROUND. BUT, NEVER FEAR - AL TRUEBLOOD IS HERE !!! AND WITH A LITTLE LUCK THE PROBLEM WILL GET RECTIFIED SHORTLY.. THANKS AL..... SO DON'T LET A SMALL PROBLEM LIKE THIS STOP YOU, COME ON DOWN TO THE SITE. THERE'S PLENTY OF WATER IN THE REFRIGERATOR FOR NOW, AND MABEY YOU CAN BRING OUT A GALLON OR TWO YOURSELF TO REPLENNISH WHAT YOU USE, THAT'S ABOUT IT FOR THIS ISSUE. SO HAVE A MERRY CHRISTMAS, AND A HAPPY HOLIDAY, AND A GREAT NEW YEAR.

73's DE WB2LNR RAY MARTIN

" A.R.E.S. / R.A.C.E.S.

STATUS QUO, SITUATION NORMAL, ALL NETS UP AND RUNNING TO FORM.... THE WORK IN THE E.O.C. IS MOVEING RIGHT ALONG. THE ELECTRICITY IS BEING REROUTED SO ALL OF THE RECEPTICLES AND LIGHTING WILL OPERATE OFF THE EMERGENCY GENERATOR WHICH IS BEING TESTED EVERY FRIDAY BY THE MAINTENANCE DEPARTMENT, WITH NO PROBLEMS. THE NEW DESKS ARE ORDERED, THE DROPPED CEILING IS ORDERED, THE NEW RUG HAS BEEN ORDERED, SO THINGS ARE MOVEING RIGHT ALONG. A FEW MONTH'S AGO I SENT OUT A QUESTIONAIRE, AND THERE ARE A FEW OF YOU THAT HAVEN'T SENT IT BACK TO ME AS YET. PLEASE DO SO. IT IS YOUR AUTHORIZATION TO OPERATE A RADIO AMATEUR STATION IN THE RADIO AMATEUR CIVIL EMERGENCY SERVICE FOR GLOUCESTER COUNTY. IF YOU HAVE MISPLACED THE FORM PLEASE NOTIFY ME, AND I WILL SEND OUT ANOTHER.. THAT'S ABOUT IT FOR THIS ISSUE.

" MERRY CHRISTMAS, HAPPY HOLIDAYS, AND A HAPPY NEW YEAR "

73's DE WB2LNR - RAY MARTIN

CALL BOOK INFORMATION de N2FJQ

IF YOU NEED QSL ADDRESSES, I CAN HELP YOU IF YOU WILL CALL AFTER 6PM OR CONTACT ME ON 144.930 SIMPLEX. IF YOU HAVE SEVERAL CALL TO BE LOOKED UP, IT WOULD BE EASIER IF YOU WOULD USE LINED PAPER, PUTTING THE CALL YOU WANT LOOKED UP ON EVERY OTHER LINE, FAR LEFT, SEND TO ME WITH A SASE, I WILL LOOK UP YOUR ADDRESSES AND RETURN TO YOU. I ALSO HAVE THE CALL BOOKS AVAILABLE AT CLUB MEETINGS. MY ADDRESS AND PHONE # IS LISTED IN CLUB ROSTER.

WORKED ALL STATES AWARD de N2FJQ

I AM WAS AWARD MANAGER UNDER THE SPECIAL SERVICE OF OUR CLUB, IF YOU WANT TO GET WAS WITHOUT HAVING TO MAIL YOUR QSL CARDS TO ARRL, YOU CAN PICK UP THE NECESSARY FORMS AT THE CLUB MEETING ON SEND #10 SASE AND ILL SEND THEM TO YOU, YOU FILL OUT THE FORM AND BRING TO MEETING ALONG WITH THE CARDS, ILL CHECK THEM FOR YOU AND MOST TIMES YOU CAN TAKE YOUR CARDS BACK HOME WITH YOU ILL TAKE CARE OF SENDING THE FORM TO ARRL, AND YOU WILL RECIEVE YOUR WAS CERTIFICATE OR ENDORSEMENT IN ABOUT 2 WEEKS, BE SURE THAT CARDS ARE IN ORDER AS PER THE FORM AND CHECK CAREFULLY NOT TO MAKE ANY MISTAKES.

DX QSL ROUTING de N2FJQ

WHEN WORKING DX STATIONS, ITS IMPORTANT TO GET THE QSL ROUTING, EITHER VIA A MANAGER OR BURO OR CALL BOOK ADDRESS. THE ARRL HAS A OUTGOING QSL BURO, SEE ARTICLES IN QST. IF YOU ARE LOOKING FOR A FASTER ROUTING, YOU CAN USE THE N7RO OUTGOING SERVICE, HE CHARGES \$1.00 FOR 8 CARDS, THE CARDS MUST BE NO OLDER THAN 1 YEAR AND IN ALPHABETICAL ORDER. IF YOU ARE IN SUPER HURRY YOU CAN QSL DIRECT WITH A SAE ALONG WITH \$1.00 OR SUFFICIENT IRC'S, NOTE THAT ALL COUNTRIES WONT ACCEPT \$1.00.

IF YOU EXPECT TO RECIEVE INCOMING QSL'S, YOU MUST SEND YOUR NAME AND ADDRESS AND \$5.00 TO YOUR LOCAL INCOMING BURO, THEY WILL KEEP TRACK OF YOUR POSTAGE CREDITS, IT WILL BE WROTE IN TOP LEFT CORNER OF ENVELOPE. ALSO IF YOU CHANGE YOUR CALL YOU SHOULD SEND THE NEW INFO. + \$ TO BURO, NEVER REMOVE YOUR OLD CALL OR CREDITS, SOMETIMES IT TAKES YEARS TO GET CARDS VIA BURO.

CLUB QSL CARDS de N2FJQ

CLUB CARDS ARE AVAILABLE AT ALL MEETINGS, 100 CARDS FOR \$3.00

MEMBERSHIP BOOKS de N2FJQ

IF YOU WANT A EXTRA MEMBERSHIP BOOK FOR CAR OR HOME THEY ARE \$1.00 EACH AND I HAVE THEM AVAILABLE AT CLUB MEETINGS.

MEMBERSHIP de KB2COB

PLEASE INFORM ME BY MAIL ON ANY CHANGE OF CALL OR ADDRESS 73.

CLUB WHITE ELEPHANT SALE=

We would like to hear your ideas on this YES OR NO ??????????

+7mMessage #4618+0m  
ARMENIAN EARTHQUAKE

+7mFrom: K2JF+0m

+7mSubject: XTALK+0m

The USSR has designated three frequencies for handling emergency Health and Welfare traffic related to the recent earthquake catastrophe in Armenia and neighboring areas of the Soviet Union. The frequencies are 3,649, 7040, and 14,173 MHz. All amateurs are asked to avoid these frequencies until further notice. Tnx ARRL/K2JF

#### UPCOMING ARRL CONTESTS

Remember the First ARRL RTTY Roundup on January 7-8 (see November QST, Page 88

for details); ARRL January VHF Sweepstakes, January 14-16; and Novice Roundup January 28-February 5 ( details in January , 1989 QST). Then of course, for noncontesters, there's Straight Key Night held New Years's Eve and Day (See December QST, Page 105). Get out your straight key and start Practicing for the "best fist" award ! It's even fun if your Morse style is "OLF!" Tnx ARRL/K2JF

#### COMMENTS OFN PART 97 RULES REWRITE CLOSE

The comment Period closed November 29th on PR Docket 88-139, officially termed the "Reorganization and Deregulation of Part 97 of the Rules Governing the Amateur Radio Service." It seek to update and reorganize the Amateur Radio Service rules "because advances in technology and operating Practices have made the current operating rules difficult to apply to modern communications Practices." The original comment closing date was set at October 31, 1988, but extended at the League's request.

K2JF comments...There are two areas of importance to our Club. One is the rewrite of Part 97.107 allows communications support for Public gatherings where the main beneficiary is the Public. "An amateur station may not be used logistical support for any sponsoring organization." There seems to be a fine line between Public service and communications support which may require further definition. From the way I read it now until further qualified it says

we can not Participate in events as the Walk-A-Thons, Bike-A-Thons, Parades etc.

Number 2 worry is Section 97.221....only eleven words long.."The FCC may restrict operations as necessary to Prevent harmful interference." The QCWA (and I am member) gets the impression that it means restricted operation could

be imposed without regard to whether the Amateur Radio operator is causing the

interference or not. The QCWA replied to the Commission "The Proposed rule does not define the term interference; it does not establish fact-finding Procedures; it does not specify Procedures for determination of the source of

interference; or that such determination be made; it does not specify determination of responsibility for corrective action or the financial responsibility for such action as may be determined necessary; it does not acknowledge the rights of the Amateur Radio Service licensees or that such rights would be recognized by the Commission." In other words at the Present reading if someones electric shaver is causing trouble to your neighbor, and your neighbor complained of interference with their TV the commission can shut

you down without determination of responsibility."

T W5YI/K2JF

1 N2FJQ de WB2YOF 21-Dec 0101Z >+0m

#### INTERFERENCE PAMPHLET=

Consumers Should Know Something About Interference, is the title of a new publication just completed by the FCC and the Electronics Industries Association (EIA). This publication is designed to assist consumers in identification and resolution of common problems with interference to home electronic products.

The easy-to-understand pamphlet contains step-by-step methods of understanding and resolving interference. Copies are available from EIA or the FCC or any FCC Field Office. Write to FCC, Public Service Division, 1919 M St. NW, RM725, Washington, D.C. 20554; or Electronic Industries Association, Exec. Director of Consumer Affairs, 2001 Eye St. NW, Washington, D.C. 20006. De=Auto-Call, Falls Church, Va.

#### FCC FORUM=

With regard to TVI and interference to your neighbors new \$10 telephone and \$150 VCR, John Johnson (W3BE) (Chief Of Personal Radio Branch) suggests that you work with your neighbor and solve the problem. If your neighbor won't cooperate, or even let you into his house, say so in writing to the Commission if you have received a formal notice.

The commission, he said, asks the complainant to identify the interference by looking at a TVI booklet which the FCC will mail out, to help him solve his own problems. In all cases the FCC-EIC will check your station before issuing QUIET hours. De World Radio.

#### UNUSUAL DX=

This happened to Otto Dedrick, W6NGK, on one of his frequent shifts. He was working a G in the south British Isles. In response to the usual questions from a group of interested small fry, he responded to the effect that he was "talking to Wales." This immediately sparked intense (and more than usual) interest on the kid's part. The next question came fast and furious: "What language do they speak?" ... "how do you understand them?" ... "How many of them are there?" and "Where are they?" Otto replied "England" and they responded, "Do you ever talk to them in the Catalina Channel?" It was then he realized that the kids had him talking to WHALES.

#### SOMEWHERE OUT THERE=

No matter how fast technology advances, we're still stuck with some of the same old problems. For instance, I called up a firm in Europe that owes my company money. They assured me the check was in the satellite. Submitted by Walt Ottinger, NSBN De World Radio.

#### PLAN AHEAD=

Start planning now to attend the 1989 Dayton Ham Vention, to be held April 28-30. Hotel reservations are now being accepted; accommodations are placed on a first-come first-serve basis. In past years, rooms have been completely booked by the beginning of the year. De=World radio.

#### FERRITE BEADS & RFI=

There is an excellent handout on "Using Ferrite Beads To Keep Out RF, in TV sets, Telephones, VCR'S, Electronic Equipment, Burglar Alarms and Other Equipment," available with a SASE from the Stanislaus Amateur Radio Association, P.O. Box 4601, Modesto, CA. 95352. De= World Radio.

#### ===PLEASE WATCH===

CHANNEL 12 to air Amateur Radio Video "THE NEW WORLD OF AMATEUR RADIO, will be broadcast by Philadelphia's Public Television WHYY Channel 12, on Saturday January 7 at 4PM. The station logs telephone calls, so please phone near the air date to thank Channel 12 for airing this program.

Tnx de K2JF

Date: 10 Dec 88 00:31:31 EST (Sat)  
From: wa2vxt-wa2vxt.amPr.or9 (Harry Maxfield)  
Message-ID: <12-wa2vxt.amPr.or9>  
To: all  
Subject: HUMOROUS LAW

Expires: 890208

Enclosed is a list of Postulates, laws, observations, etc that apply to hobbieists of all sorts, wether it's airPlanes, ham radio, or other Projects that you build. I hope you enjoy them.

**BOOB'S LAW:**

You'll always find a tool in the last Place you look

**RAP'S INANIMATE REPRODUCTION LAW:**

If you take somethin9 apart and put it back together again enough times, you will eventually have two of them.

**GOLUB'S 2nd LAW OF HOMEBUILDING:**

A carelessly Planned homebuilding Project takes three times longer than expected to complete; a carefully Planned one takes only twice as long.

**HORNER'S FIVE THUMB POSTULATE:**

Experience varies directly with material ruined.

**BRUCH'S OBSERVATION:**

If all you have is a hammer, then everything9 looks like a nail.

**BROMBERGS LAW OF TOOL USE:**

When the need arises, the tool or object closest to you becomes a hammer.

**THE ROMAN RULE:**

The one who say's that it can't be done, should not interrupt the one who is doing it.

**THE 90-90 RULE:**

The first 90% of a Project takes 10% of the time, and the last 10% takes 90% of the time.

**ENG'S PRINCIPLE:**

The easier it is to do, the harder it is to change.

**SCHMIDT'S LW:**

If you fiddle with a thin9 long enough, it will break.

**BUNGEY'S 1st LAW:**

The nut won't go on until you utter the magic word.

**BUNGEY'S 2nd LAW:**

When your about to use the magic word, there will be children Present.

**LAW OF THE SEARCH:**

The first Place to look for a dropped Part is the last Place you expect to find it.



PINGWALD'S LAW OF WORKBENCH GEOMETRY:  
A horizontal surface will soon be Piled UP.

NAESER'S LAW:  
You can make it foolProof, but you cannot make it dxxx foolProof.

WETHERN'S LAW OF SUSPENDED JUDGEMENT:  
Assumption is the mother of all screw-UPS.

FEMO'S LAW OF HOMEBUILDING:  
If you drop something, it will never hit the ground.

PRISSY'S RULE:  
If you don't know what you're doing, do it neatly.

TELECO'S 2nd LAW:  
There are two kinds of tape, the one that won't stay on, and the one that won't come off.

JAFFE'S PRECEPT:  
There are some things that are impossible to do, but it is impossible to know what they are.

REACHES LAW:  
No two identical parts are alike.

THE FIRST RULE OF INTELLIGENT TINKERING:  
Save all parts.

re-Printed from the ATLANTIC FLYER MAGAZINE, Jan. '88, p. B20

1. After a system is assembled, parts will be left on the bench.
2. A twenty-dollar power transistor will protect a fifty-cent fuse by blowing first.
3. Sooner or later, you will ground the B+.
4. You will ground an RF supply too. You won't notice it until you power up and touch the chassis.
5. When you have removed all 15 screws from the crystal oven, you will find that you have opened the wrong one.
6. When you go back to assemble it again, you will find three screws missing.
7. The tube substitution handbook is never wrong. It's supposed to be bright cherry red.
8. Someone will use the same type of connector for power and signal. You know what will happen.

\*\*\*\*\*

HELP HELP HELP HELP HELP  
WC2K=RICK will be active on all bands with GCARC members and  
OTHER LOCALS DURING THE FOLLOWING TIMES##SATURDAY JAN.14,1989  
8--to--9pm EST,frequency cards will be passed out at the next  
meeting,or check someone on the repeater,144.93,144.31,I GOT  
this message off packett and the freq.,was missing.===As in the  
past this has been a hard running contest with another club up  
North,and with your help and effort,we have managed to come out  
on top in the past few years.(PLEASE LOOK FOR US FOR A CONTACT

ON THE 2METER BANDS OR 220 METER BAND AND ON 440 BAND)TNX,RICK.  
#####  
ALSO DONT FORGET YOUR OWN CLUB EFFORT IN THIS CONTEST,WE WILL BE  
OUT AT THE SITE WITH GEAR ON ALL BANDS TO GIVE A GOOD RUN AGAIN  
THIS YEAR TO TRY TO WIN THE CLUB GAVEL COMPITITION AGAIN IN THE  
VHF SWEEPSTAKES,THIS IS YOUR CLUB AND WE ARE DOING EVERYTHING WE  
CAN TO MAKE OPERATING EASY FOR YOU\*\*\*\*PLEASE COME OUT TO THE SITE  
AND PUT IN A COUPLE HRS.ON THE RADIO PSE. TNX 73 N2FJQ

\*\*\*\*\*

-----  
Bob Parnass RJ95, AT&T Bell Laboratories - att!ihuxz!Parnass - (312)979-5414

Date: 10 Dec 88 00:28:04 EST (Sat)  
From: wa2vxt-wa2vxt.amPr.org (Harry Maxfield)  
Message-ID: <11-wa2vxt.amPr.org>  
To: all  
Subject: KENWOOD TH-SERIES INTERFACING

Expires: 890208

KENWOOD TH-series HT TNC Interconnection

The following is a suggested circuit for connecting a Packet TNC  
to a Kenwood TH-series HT. Included is the TH-21/31/41, the TH-  
205/215/315/415, and the new TH-25/45 series HTs.

The connections are as follows:

A sub-miniature Plug is used for receive audio. The tip of  
this Plug is audio out; the sleeve of this Plug is the  
common ground for PTT, transmit audio, and receive audio.

A miniature stereo Plug is used for transmit audio and PTT.  
Connect the middle "ring" of the Plug to the TNC audio out  
through a 0.2 uf cap (for DC isolation). Connect the sleeve  
of the Plug to the TNC PTT. The Plug's tip is unused.

Set the TNC audio for 50 to 80 mv audio output into a 2K ohm  
impedance.

Imported from Poland

# New Wood Stove

Made of  
Real Wood"

Sale Price

Only  
\$39.95



GUARANTEE :  
To Burn at least 4 Hours

ARRL 220 MHZ NEWS

On November 3 President Ronald Regan Signed S.1048, The FCC Authorization Bill which Contains Section 10, The Congressional Concurrent Resolution Supporting Amateur Radio And Its Emergency Communications efforts. While This Resolution, Now Signed Into Law, Dose Not Force The FCC To Retract Its Decision In Docket 87 14 To Reallocate 220 To 222 Mhz To The Land Mobile Service, It May Become An Important Building Block Toward An Eventual Solution.

FCC FORM 610-B EXTENDED

The present FCC Form 610-B, the form used to renew or modify existing amateur club station licenses, has been extended through August 31, 1991. Although the forms carry an expiration date of August 31, 1988, they will continue to be valid for three years.

DONT MARK THAT LICENSE

Never "take a pencil to" your license or any other official document (Sept 1988, QSTp67). A copy kept for your own convenience could be marked, but always have a few clean copies put aside for modification or renewal of your license. Also, if you get a license with an unreadable call sign, dont throw away the front of the self-mailing envelope! The call sign is printed there too, and it should be readable regardless of the condition of the carbon inside.

THIRD-PARTY TRAFFIC

The U.S. Federal Communications Commission defines third-party traffic (Part 97.3[v]) as: "Amateur radio communications by or under the supervision of the control operator at an amateur radio station to another amateur radio station on behalf of anyone other than the control operator." U.S. amateurs are only permitted to handle such traffic with countries having third-party agreements with the U.S. The following is a current list of these countries:

- |                    |                     |                    |
|--------------------|---------------------|--------------------|
| V2 Antigua&Barbuda | HC Ecuador          | XE Mexico          |
| LU Argentina       | YS El Salvador      | YN Nicaragua       |
| VK Australia       | 9G Ghana            | HP Panama          |
| V3 Belize          | J3 Grenada          | ZP Paraguay        |
| CP Bolivia         | TG Guatemala        | OA Peru            |
| PP-PY Brazil       | 8R Guyana           | V4 St. Kitts-Nevis |
| VE Canada          | HH Haiti            | J6 St. Lucia       |
| CE Chile           | HR Honduras         | J8 St. Vincent     |
| HK Colombia        | 4X, 4Z Isreal       | 9L Sierra Leone    |
| TI Costa Rica      | 4U1 ITU ITU, Geneva | 3D6 Swaziland      |
| CM, CO Cuba        | 4U1 VIC ITU, Vienna | C5 The Gambia      |
| J7 Dominica        | 6Y Jamica           | 9Y Trinidad&Tobago |
| HI Dominican Rep.  | JY Jordan           | CX Uruguay         |
|                    | EL Liberia          | YV Venezuela       |

PROGRAMS=

We would like to know what kind of programs you would like to have presented at the meetings, write your ideas on a small slip of paper and give it to the club President or put in the suggestion box.

1 15 MINUTE INFO====CHUCK ELLIS KE2IWK(BK2AZW) & living in Fla. and we have set up a skea with him --Tuesday=6:30PM local time 14,265 +or-- Sunday =10PM local time 14,265 +or-- Chuck is lonley there and would like to hear from you TNX=NJ2D

# JANUARY

1989

SUN

MON

TUE

WED

THU

FRI

SAT

1 G.C.A.R.C. ARES / RACES NET 147.78/18 RPT 147.540 SIMP 224.66 RPT 223.78 SIMP 8:PM SHARP	2	3 G.C.A.R.C. 10 METER NET 9:PM SHARP 28.350 MHZ USB	4 G.C.A.R.C. GENERAL MEMBERSHIP MEETING 8:PM SHARP WOODBURY YFW HALL PSE ATTEND	5	6	7 G.C.A.R.C. AWARDS BANQUET DINNER SEE WRITE UP THIS ISSUE FOR MORE INFO
8 G.C.A.R.C. ARES / RACES NET 147.78/18 RPT 147.540 SIMP 224.66 RPT 223.78 SIMP 8:PM SHARP	9	10 G.C.A.R.C. 10 METER NET 9:PM SHARP 28.350 MHZ USB	11	12	13	14 ARRL YHF SWEEPSTAKES THERE WILL BE EQUIPMENT L. SITE FOR UR USE PSE HELP
15 G.C.A.R.C. ARES / RACES NET 147.78/18 RPT 147.540 SIMP 224.66 RPT 223.78 SIMP 8:PM SHARP	16	17 G.C.A.R.C. 10 METER NET 9:PM SHARP 28.350 MHZ USB	18 G.C.A.R.C. BOARD OF DIRECTORS MEETING 8:PM SHARP CLUB SITE	19	20 N.DAKOTA TEXAS MICHIGAN QSO PARTY'S	21
22 G.C.A.R.C. ARES / RACES NET 147.78/18 RPT 147.540 SIMP 224.66 RPT 223.78 SIMP 8:PM SHARP	23	24 G.C.A.R.C. 10 METER NET 9:PM SHARP 28.350 MHZ USB	25 DEADLINE FOR CROSSTALK SEND INFO VIA PACKETT 144.95 145.07 OR BEST WAY U CAN TO N2FJQ	26	27 CO-WWJ DX-160 METER CW CONTEST	28 ARRL NOVICE ROUNDUP HERE IS YOUR CHANCE TO GET "MAS" SITE WILL BE OPEN FOR YOUR USE
29 G.C.A.R.C. ARES / RACES NET 147.78/18 RPT 147.540 SIMP 224.66 RPT 223.78 SIMP 8:PM SHARP	30	31 G.C.A.R.C. 10 METER NET 9:PM SHARP 28.350 MHZ USB	NOTE COMITTEE CHAIRMEN, PLEASE NOTIFY ME ==== ABOUT YOUR MEETINGS IN ORDER TO GET THEM ON THE CALANDER TNX N2FJQ			

VISIT YOUR CLUB SITE