

CROSSTALK

Published By And For The

* GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MTPD *

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Club Nets
8:00 P.M. 147434
7:30 P.M. 147434

2 Meter RTTY Net: Monday, 8:00 P.M.
ARES Net: Sunday, 8:00 P.M.

The Gloucester County Amateur Radio Club meets the first Wednesday of each month at the American Legion Hall in Franklinville. Meetings begin promptly at 8:00 P.M.

Please send any contributions for CROSSTALK to Doug Gehring, WA2NPD.

President's Message - April, 1982

Fellow members, a number of events have occurred during the past month and I must pass them on to you. First, it is with much regret that I had to accept the resignation of Dave Bacon, KD2T, as a Director of the Club, due to personal reasons. Dave was a hard worker on the board and his presence will surely be missed. This, of course, creates a vacancy on the Board, so if anyone is interested in an interim position, please contact any Officer of the Club.

Second, Ray Martin, WB2LNR, had to step down as our Hamfest Chairman for this year, due also to personal commitments. Because time is marching on and we are getting dangerously close to our Hamfest date of August 29th, we have elected to continue with our preparations without a chairman, but rather with a committee. At our April general membership meeting there will be posted a sign-up sheet for all of you that would like to help in this upcoming Hamfest. Also, for those of you that are interested in chairing a committee, food, club table, parking, etc., there will be a meeting exactly one week after the April general membership meeting. Wednesday night, the time and place to be announced at the regular membership meeting.

We are fortunate again this year, as Wayne Wilson, WA2LET, will be our Field Day chairman. So you can be expected to be contacted by Wayne for help. Good luck, Wayne!

As for our program this month, it will feature Jack Sterner, WB2GQK, who will be speaking on Final R.F. Amplifiers. The program will follow our general business meeting. Hope to see you there.

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73's,
Harry, WB2GSF

X-TALK Format Change

By now you have noticed that the X-TALK print is smaller. Also, you have noticed that a lot more print, articles, etc. has been worked into the same number of pages. Hence, for the same postage, we have almost doubled the amount of information. There is a trade-off however, in that more typing is involved. Please let us know your thoughts concerning this issue - both pro and con. Your opinions will dictate the future format. Many Tnx; de ur Ed.

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Board of Directors Initiates New Liaison Procedure

At the March meeting, the Board, through President Harry, WB2GSF announced that we will initiate a new liaison policy whereby an officer and/or Club/Director will serve as a liaison to each respective Club Committee Chairman. The purpose for this is to facilitate better communications between the committee and the Board. Hence, for example, if a particular committee chairman is absent from a club meeting, the liaison contact can still fill the membership in on what's happening. Also, Committee Chairmen are encouraged to submit their respective reports to the X-TALK editor for inclusion in X-TALK. In this way it is hoped we can reduce the business meeting time devoted to Committee Reports and thereby have more time for eyeball QSO's and program. The cooperation of all concerned, of course, will be greatly appreciated.

Red Cross Disaster Team Forming

Gene, W02UVB, announced at the March club meeting that a Disaster Communications Team is being formed to assist the Red Cross during emergency situations. Obviously, help from Club members is required and solicited and this is a golden opportunity to help in a public service project. Contact Gene for more details and particulars.

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GCARC Hamfest Prizes Announced

Hot off the wires!! The GCARC major prizes this year will be a TRS-80 Computer and an IC-208 xcvr. Also, the FCC will be on hand to administer exams as was done last year. More information will be forthcoming in succeeding months.

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DUES, DUES, DUES!!

Your last chance to get the reduced dues rate for 1982 will be the April 7th meeting! After that, the dues for the year will be \$9.00. A word to the wise, etc. etc.

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GCARC ARRL Affiliation

As most of you know, our Club is an official ARRL affiliated Club and always has been. However, to retain our affiliation we must periodically submit a report outlining our Club activities, membership totals, accomplishments, etc. Presently our Corresponding Secretary, K2JF, is putting together this year's report. He needs to know how many of our members belong to the ARRL. The easiest way to do this is for each and every Club member who belongs to the ARRL to notify John - either via 2M, landline, or in person at the Club meeting. John will have a sign-up list available at the April 7th meeting. Let's all cooperate in this. Tux, de K2JF.

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N2CQ on Mend

It is gratifying to report that Ken, N2CQ, is continuing to show excellent progress in recovering from his stroke. In fact, Ken has been on the air recently working 2M and CW on the lower bands. He also worked the 209 last week. It would appear that, by FD 1982, Ken will be back in the saddle knocking them off an 40 CW at 2-3/minute. Naturally, we are all concerned that Ken continue his recuperation until his 100% recovery goal is reached.

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Congratulations to-

Tom, WA2QOS, who recently passed his Extra Class exam -- and all this done while plugging away as a full time college student. Tom certainly deserves much credit. You might remember his DX country total is now approaching 250; wonder where he finds the time, etc.
Doug, WA2NPD, who qualified for his WAZ Award sponsored by CQ Magazine. This is an especially tough award to earn and involves some good luck in receiving QSL's. Hence, Doug joins the following GCARC members who have received the WAZ: W2SUA, N2SS, AB2W, WA2VEE, N2CQ, WA2DOS, N2ATD, and W2YC: (did we miss anyone??).

1.8 Mhz band."

Arguing that radio equipment in under-developed countries "is necessarily very basic and of low power output", the IARU said that the effect of American phone band expansion "on signals emanating from comparatively simple equipment would be extremely serious"...and would "become much worse when the present level of sunspot activity declines and the 21 and 18 Mhz amateur bands become unusable for long periods. At such times the only frequencies usable for long distance communication (important to those in most third world countries) will be those on the 14 Mhz band. Interference from the USA would be extremely serious."

"A further effect on the spread of USA telephony signals would be the temptation for telephony operators in other countries to extend their transmissions into the area below 14,100 kHz thus causing serious interference to telegraphy signals - again to the detriment of those using simple equipment." The Executive Committee of IARU Region 1 urged the FCC to take into account the points made in their letter and not to introduce phone privileges to US amateurs in the 14.1 to 14.2 spectrum which would "bring small benefit to US amateurs, at the expense of the amateur movement in all other countries of the world..." My own impression from reading the IARU letter is that what the Region 1'ers are really concerned about is the same thing that worries Canadian amateurs. That is QRM to their own amateurs rather than "developing economies". What are the chances of the FCC allowing voice expansion into the foreign phone band? Very good in my opinion - particularly since Canada allows their amateurs to operate there and no North American precedent will be set.

(4) Should additional subband allocations for telephony be contiguous with (attached to) the existing telephony subbands?
(5) Would it be appropriate to relocate the existing Novice subbands to new frequencies within the same HF bands in order to make a telephony subband expansion more orderly?
(6) Are the current exclusive subbands for Amateur Extra and Advanced Class operators sufficient to meet the goals of our incentive licensing program if all additional telephony frequencies are authorized to General as well as Amateur Extra and Advanced Class operators?

(7) How should the recent expansion of the Canadian telephony subband in the 7-MHz band influence proposals for a U.S. telephony expansion in the same band?

(8) The Commission encourages commenters to make specific recommendations as to what frequencies would be best suited to use for additional telephony privileges and the relative occupancy of those frequencies.

(9) Comments about related matters not explicitly mentioned above are also invited.

IARU OPPOSES AMERICAN 20 METER PHONE BAND EXPANSION...

The Executive Committee of the Region 1 Division of the International Amateur Radio Union (IARU) has written the Federal Communications Commission in Washington voicing their displeasure over the ARRL petition suggesting expansion of the 14 MHz telephony allocation in the USA. The IARU is the International self-governing body over amateur radio. Region 1 encompasses primarily Europe and Africa. RM-3860, filed March 1981 by the League, and not yet acted upon by the Commission, proposes to increase the 20 meter phone privileges of Advanced and Extra Class amateurs down into the so-called 20 meter foreign phone band, 14.100 to 14.200 MHz.

Under the ARRL proposal, Advanced Class amateurs would be allowed phone privileges between 14.175 and 14.350 MHz, while Extra-Class license holders could operate with phone privileges 14.150 to 14.350 MHz - an increase of 25 and 50 kHz respectively. General Class would be allowed 14.225 to 14.350 MHz - and increase of +50 kHz over present 20 meter phone privileges. It is the U.S. intrusion into the 14.1 to 14.2 MHz slot that has the Region 1 IARU disturbed. By international voluntary agreement, no telephone (voice) transmissions are made below 14,100 kHz and this means that the only part of the 14 MHz band free from USA telephone signals is that between 14.1 and 14.2 MHz.

The IARU wrote, "Although the reasoning put forward by the ARRL would appear to have much merit we feel that you should be advised that, if implemented, such recommendations would have serious implications for amateur radio operation outside the USA." They pointed out that the United States has more amateurs (and amateur frequency allocations) than any other country in the world. (I always thought Japan had the most amateurs considering their codefree "rule bending" HF license class.) "Amateurs in Region 1", the IARU said, "have 200 kHz less on each of the 3.5 and 7 MHz bands, and additionally suffer greater restriction on the

Jim Broy, N2AKI, who faithfully and competently provides us with our monthly report, coffee and donuts, at each Club meeting. Sometimes this critical area is often taken for granted and recognition is received only when Jim is called away to the land of the silent key, etc. Not so here; we want Jim to know his efforts are appreciated by all.

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CQ Awards

Many may not know that CQ Magazine sponsors several awards similar to the more familiar awards via the League. Hence, there are CQ DX certificates for 100 countries confirmed, a CQ Honor Roll (275 countries), the WAZ Award, and, recently, a 5-Band WAZ!! All of these awards are available as either mixed, CW, or phone. For convenience, CQ has card verification personnel strategically located throughout the U.S.A. The representative in our area is Jack Heisey, K2FL, 616 Cheatnut St., Palmyra, NJ (829-4970). Simply make a date with Jack to check your cards and save the cost (and possible loss) of having to mail them off to the hinterlands. Incidentally, Jack is one of the very, very few to hold the 5-Band WAZ.

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Repeater Needs \$

Many of you who belong to the Barnboro Repeater Association received a billing recently for your 1982 dues. It was KWIL's sad duty to inform us at the March Club meeting that most of the 1981 dues have not been received and, if we don't cough-up, the repeater will have to shut down! Now, although the repeater is not officially the GCARC repeater, it might well be as most all of us use it from time to time. Hence a word to the wise should be sufficient! Certainly our thanks extend to Milt and, of course, Chick, WAZUSI, for their good works.

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Good Old Ham Courtesy,
Where Did It Go?

The 5th point of the Boy Scout law is that a Scout is courteous. Some of the little accounts must be taught the meaning of this word-- they don't really know. We doubt if there is a single GCARC Club member who doesn't know the meaning of courtesy. Any yet if one listens or looks about the Club meeting room during the business meeting and especially during a program, it becomes obvious that many of us don't know or have forgotten what it means to be courteous! It is especially embarrassing to have an invited guest speaker be subjected to small private QSO's going on in the back of the room while trying to present a program. Or to have members wandering aimlessly about the meeting room looking for someone to chat with, going after the last donut, etc., during the program. It is particularly offensive to those Club members trying to learn and pick up the information being presented to be continually interrupted by back-of-the-room QRM. None of us would tolerate this sort of deliberate QRM on the airways and would not be a party to it. Then why do we do it at Club meetings? What do you say we "shape up"? Our program chairman often goes to extensive lengths to provide us with a good speaker. Let's not make his job any tougher. Nuff said.

de WAZ2NPD

worried about what the AM band radio war might escalate into.

FCC SAYS "CODELESS" AMATEUR LICENSE "STILL ON THE BACK BURNER"
The so-called "codeless" amateur radio license still hasn't been forgotten. Even though proposed by the FCC nearly 8 years ago, they still apparently plan to create it. In an order released January 20th, the FCC said that it would not be creating a new class of amateur radio license for the hearing impaired since this was essentially opposed by the amateur community "including numerous handicapped individuals".

It did say, however, that it was "considering various alternatives for establishment of an amateur radio license that would not require Morse Code skill. Each alternative explored so far would result in the need for additional Commission license processing, for which resources are not available at this time. The Commission intends, however, to continue to explore the possibility of issuing a "codeless" amateur radio license, as we believe this alternative to be far preferable to creating special classes of licenses for certain classes of applicants." I think what I hear the FCC saying is that we will see a "codeless" class of license when they don't have to do the testing. They simply can't physically (or financially) handle the influx of amateurs that are sure to come. It appears that the amateur radio hobby of today might bear little resemblance to that of tomorrow.

Federal Register (p.8798-8801) dated 3/2/82 carried news of FCC's planned expansion (by 50 kHz) of the amateur 20-meter phone band and inquiry which "looks towards finding a suitable set of frequencies for telephony expansion in the other HF amateur bands". The Commission said that it would allow all classes currently allowed use of 20 meters access to the new 14150-14200 kHz phone spectrum but "invited comments as to whether it would be desirable to delete the privileges between 14150 kHz and 14200 kHz, and instead, add privileges between 14225 kHz and 14275 kHz to those authorized for General Class operators. In this way, the telephony subbands available to General Class operators will be contiguous." The FCC proposed changing Part 97.61 to read: "14150-14150... A3, A4, A5, F3, F4, F5." (By the way, the Federal Register - the "log" of what the government is doing - just increased their rates from \$75 a year to \$100! A 400% increase. We are one of the 37,500 who get it every day.)

The FCC said it needed comments (before July 1, 1982) on the following questions before it could allocate additional phone frequencies in bands other than 20-meters:

- (1) Would expansion of the telephony subbands have a major detrimental impact on domestic telegraphy operations?
- (2) Do non-U.S. stations still have a legitimate requirement to be protected, on some frequencies, from U.S. telephone operations?
- (3) Does the current trend toward the use of transceivers (with a common transmit and receive tuner) make the reservation of frequencies suitable for contacting foreign stations using "split operation" unnecessary or undesirable?

Contest Corner

March is now past and with it both ARRL DX contests and CQ's World-Wide WPX phone contest. When the smoke clears we'll have another winner of the coveted W2SUA trophy; but, more on that next month. Don't forget that all ARRL DX logs must be postmarked by April 6th. This is the day before our meeting so if you haven't given me your logs already, send them directly to the league and give me a summary of your score at the meeting.

Although there are no "Megapoint" contests in April there are a number of interesting events. First, two for the ladies: April 7-8 and 14-15 - DX YL to N.A. YL 558, and April 24-25 - YL ISSB Phone QSO Party (See "Les Belles" for more details).

Second, for the DX hounds:

April 3-4 - VS6 Activity Days (Note, not a contest but a full weekend shot at working VS6). Finally

April 3-4 also is the CW/RTTY "World Championships" sponsored by 73 Magazine.

Details for all of the above events may be found in CQ or 73 Magazine's April issues. April also marks the beginning of spring. There's antenna work to be done and soon it will be time for field day; the premier operating event of the year! Hopefully we'll see Ken, N2CQ, "In-the-pink" by then. Until the meeting,

73

Dennis, WB2CES

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Scholarships Available to Hams!!

The Foundation for Amateur Radio, Inc., a non-profit organization with headquarters in Washington, D.C., plans to award nine scholarships for the academic year 1982-1983. The Foundation, composed of fifty local area amateur radio clubs, fully funds two of these scholarships from the proceeds of the Gaithersburg (MD) Hamfest. It administers, without cost to the donors, two scholarships for the Quarter Century Wireless Association and one each for the Richard G. Chichester Memorial, the Radio Club of America, the Young Ladies' Radio League, the Edmund B. Redington Memorial and the Amateur Radio News Service. The last named award is new this year.

Radio Amateurs holding at least an FCC General Class license or equivalent may compete for one or more of these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment in an accredited university, college or technical school. The scholarship awards range from \$100 to \$900, with preference given in some of them to residents of specific geographical areas or the pursuit of certain study programs.

Additional information and an application form can be requested by a letter or QSL/postcard, postmarked prior to May 31, 1982 from:

Hugh A. Turnbull, W3ABC

Amateur License Renewal Speed-Up

Reports and happenings of fast turn-around on Amateur License Renewals are prevalent. This writer's license was due to expire Feb. 18, 1982; so, like the FCC has been requesting, send for renewal about 60 days before expiration. On December 11, Friday, license plus FCC 610 form were mailed to Gettysburg. On Monday, December 28, RECEIVED NEW LICENSE, dated Dec. 22, 1981 good to Dec. 22, 1986. Fast turn around, but note date of expiration, it is the date that the FCC stamps your license (Take note KB2CL).

de K2JF

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Legislative Report, de K2JF
THE UNITED STATES WILL SOON HAVE A "WOODPECKER" operating in the 5 to 35 Mhz. spectrum. Like its Russian counterpart, it also will be an over-the-horizon radar system to be located near the city of Moscow, Maine. Built by General Electric Corporation under contract to the U.S. Air Force, it will have an ERP of 1.2 megawatts. The system is in its final testing stage, with full time operation scheduled to begin sometime in 1983. What effect our woodpecker will have on amateur radio hf communications is unknown, but the military has promised to work with the amateur community to reduce its environmental impact. Thanks W5YI, others. (Ed. Note: This is fighting fire with fire).

A clandestine Polish amateur station operating in defiance of martial law disappeared from the airwaves in mid-QSO after sending an S.O.S. followed by 2 minutes steady carrier. The SP station was in QSO with a Dutch station on January 10th. Thanks KB6IZ.

U.S. GOVERNMENT DECLARES RAPID WAR ON CUBA...A western hemisphere conference on AM broadcasting came to a close in December with Cuba walking out after a lengthy statement against the policies of the United States. Of particular concern is the planned U.S. establishment of Radio Marti, sort of a Radio Free Europe for Cuba named after Cuba's 19th century independence hero. Radio Marti will broadcast Cuban news and "issues" to that country. On the other hand, the FCC and State Department officials had hoped to resolve the problem of Cuba building several high power AM broadcast stations, two of them 500-kw, that would create havoc for American AM broadcasters. A massive tower for one of the Cuban 500-kw stations has already been built on the outskirts of Havana. Now comes the word that the Reagan administration has selected 1040-kHz, a "clear channel frequency" as Marti's home which is also the same frequency on which Cuba says they will place the 500 kilowatt! At present, AM station "WMO", Des Moines, Iowa, is the only American station on that frequency. If this all comes about, everyone can forget about listening to anything. In effect, an electronic curtain will be dropped on 1040-kHz. Administration backed bills are currently before Congress (H.R. 5427 and S.1853) authorizing Radio Marti and providing \$10 million for its construction. Neither the House nor the Senate Foreign Affairs Committee has yet scheduled hearings. U.S. broadcasters are very

The FOUNDATION is devoted exclusively to promoting the interests of Amateur Radio and to the scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

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LES BELLES

DX - Y L T O N O R T H A M E R I C A N Y L
Starts: Wednesday, April 7, 1982, at 1800 UTC
Ends: Thursday, April 8, 1982, at 1800 UTC
Starts: Wednesday, April 14, 1982, at 1800 UTC
Ends: Thursday, April 15, 1982, at 1800 UTC

ELIGIBILITY: All licensed women operators throughout the world are invited to participate.

PROCEDURE: DX YL's call "CW North American YL," and N.A. YL's call "CW DX YL".

OPERATION: All bands may be used. No cross band operation. Net contacts, repeater contacts, and contacts with OM's do not count. Stations may be worked and counted once on each band and mode.

EXCHANGE: Station worked, QSO number, RS or RST, station or country. Entries in log must also show time, band, date, and transmitter power.

SCORING: A. Phone and CW will be scored as separate contests. Submit separate logs for each contest.

B. DX YL's, including Hawaii and Alaska, may contact all the North American continent, which includes the 48 contiguous states and Canadian Provinces.

C. Contestants on the North American continent (including the 48 contiguous states and Canadian Provinces) may contact DX YL stations, to include Hawaii and Alaska.

D. A station may be counted once on each band for credit and one (1) point is earned for each station worked once on each band.

E. Multiply the number of QSO's by the number of different states and provinces OR countries worked. A multiplier is counted only once in the contest. It is NOT counted on each band.

F. Contestants running 150 watts or less on CW and 300 watts PEP or less on SSB, at all times, may multiply the results of (E) by 1.25 (low power multiplier).

LOGS:

All logs must show state or country to qualify for awards. Do not send carbon copies of logs. Please print or type. Logs must be signed by the operator and no logs will be returned. Remember to file

Locales. Target markets include Atlanta, Houston, Los Angeles, Miami, New York, Philadelphia and Washington, D.C.

(Inx to K2JF)

ICF-82

April 17th and 18th, at Trenton State College, is the site of the 7th Trenton Computer Festival. \$5.00 admission covers both days. Free market, 90 exhibitor booths, talks, seminars, etc. \$10.00 tailgaters fee.

The FCC and Religious Broadcasting

(xud Mar. 25, 1982)

Thank you for contacting the FCC about religious broadcasting. We are glad to have this chance to clear up some of the confusion surrounding this important issue.

The FCC is not trying to take religious broadcasting off the air. In fact, the FCC is prohibited by law from ruling on the content of broadcasting. The petition you mention was unanimously denied by the FCC on August 1, 1975.

The petition in question was filed with the FCC on Dec. 6, 1974, by Jeremy D. Lansman and Lorenzo W. Millam, asking that the FCC "freeze" applications by religious institutions (or TV or FM channels that are reserved for educational stations. The petition was routinely assigned a rulemaking number--2493. On August 1, 1975, the FCC unanimously denied this petition, declaring that the First Amendment requires government agencies to take a neutral stance toward religious activity.

In spite of this very clear ruling, many people still have not received the word that the petition has been denied. Also, the name of Madelyn Murray O'Hair is often linked with this petition, although she had never in any way been connected with RM 2493. Indeed, she has never filed any petition with the FCC.

We need your help to spread the word among your friends and neighbors that there is no petition to ban religious programming. Over the past few years, you, your friends and neighbors have spent more than \$1 million in postage to write to the FCC just about this nonexistent petition. We hope you will help us tell everyone that the FCC is not attempting to take religious broadcasting off the air.

Consumer Assistance Office
Federal Communications Commission

(Ed. Note: This was in reply to the request handed out at the Match Club meeting).

INTERESTING FACT! At a recent "Satellite Private Terminal Seminar" held in Omaha, co-founder Robert Cooper estimated that 1,700 commercially made home satellite dishes are being shipped by industry a month!

separate logs for each contest. Logs must show claimed score and be postmarked by April 29, 1982, and received no later than May 24, 1982, or they will be disqualified. Please send logs to: Sandra Heyn, WA6QZN, 967 Cheyenne Street, Costa Mesa, California 92626.

For each duplicate contact that is removed from the log by WA6QZN, a penalty of three (3) additional and equal contacts will be exacted.

Cup to 1st place DX Phoen; Cup to 1st place N.A. Phone; Cup to 1st place CW; Cup to 1st place N.A. CW. Plaque to highest combined CW and Phone DX score; Plaque to highest combined CW and Phone N.A. score. 2nd and 3rd place DX and N.A. winners in each contest will receive certificates.

73

Rose Ellen-N2RE

What Should We Bring To Drink at FD7

Horses and mules live for 30 years, and nothing know of wines and beers. The goat and sheep eat twenty die And never taste of scotch and rye. The cows drink water by the ton And at eighteen are mostly done. The dog at fifteen washes in The cat in milk and water soaks And then at twelve short years it croaks. The modest sober bone-dry hen Lays eggs for nogs, then dies at ten. All animals are strictly dry They sinless live and sinless die. But sinful, ginful, rum-soaked Men Survive for three score years and Ten!!!!

There must be a moral to that poem...Nuf said!!!!

de WB2DXB "Sonny"

DA'S 6 DIT'S

KD2T was invited by a gentleman to have an Annie Oakley with him - whatever that is.

WA2USI/Barnesboro Repeater 147-78-18 - will shortly be operating under new hours - 5:00 A.M. - 1:00 A.M.

Anyone wishing to volunteer for the July Mike-A-Thon get in touch with WA1AOF.

The Q&Z will be in Philadelphia on April 25th. N2RE, here's your chance to become a showboy!

Code Class

Chick, WA2USI, reports that a code and theory class leading to the Technician License will begin on April 12th, 7:00 P.M. to 9:30 P.M. at the St. Citizens Hall in Bellmawr (close to the Fire Hall). The class will run for 11 weeks, is free to all, and all are invited. For future interest, Chick is planning a Lab. Test Class (using text equipment) during the summer and an Advanced-Extra Class class next fall. Obviously, the Club is grateful for the super job Chick is doing and has been doing with our code classes. Amen. Call Chick at 468-6924, for more details.

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Hints For Cleaner Operations

by K2JF

We hear fellows who get on the air and are "all over the band." Signals would be much cleaner on the air if more amateurs would follow this procedure: When tuning up your rig, with the key down, run power up until you reach the peak and then back it off a bit. The "needle" could either be on the rig's meter on an external SWR bridge or wattmeter.

This is also applicable to linear amplifiers. Let's say that your amplifier peaks out at 600 watts output. (That is all you should expect at 1000 watts input). Back the drive down to where you are putting out only 500 watts. First, you will - by far, lessen the chance of distortion, splatter, buckshot, etc. Your tube life will be extended, the power bill will drop a bit, and the station on the other end will never hear the difference in signal strength.

Considering that you would have to go to 1,000 watts output to see a 3 db increase at the other end (from 500 watts output) you can see just what insignificance 100 watts is at those power levels. To put it another way, if it takes 500 watts to move up half an "S" unit, or 250 watts for one-quarter of an "S" unit, what matters 100 watts?

Backing the power down is one of the few ways you can get 'something for nothing.' At the price of "big battles" these days, you should give them all the nursing you can.

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"Electronic World" Lists New Items

Ted Peck, (harmonic of W2LVW) who runs the "Electronic World" at the K-Mart Shopping Plaza, Mantua, N.J. reports they now have two new items in stock; namely "cordless" telephones (good up to about 20 feet) and a new wireless Perim-A-Tron home security system designed to outwit the cleverest burglar. Stop by and see each demonstrated live.

SEARS ROEBUCK TO OPEN 45 COMPUTER STORES

Chicago - Saying that results from five pilot stores devoted exclusively to computers and other electronic products have "far exceeded our expectations," Sears Roebuck & Co. officials have confirmed industry speculation that they will expand the stores to most major metro markets by next year.

Sears currently operates pilot stores selling business systems in this city, as well as in Dallas and Boston. Over the next 12 months, the retail chain plans to open 45 more centers in 17 other

Now that WD6GDK is back from a Florida vacation - he will be able to participate in the Club activities again.

How come some of you good buddies don't help out KA2ECA? He needs a radio shack.

WB2FJF - nice to hear that your daughter is progressing and hope she has a quick and complete recovery.

W2GSN who is now retired just got a new job - baby-sitter for his grandchildren.

WB2OVQ has a pair of unusual domesticated pets. Take care and have fun.

We hear very little from WA2LEY, but by now we hope his leg has mended and he has had a full recovery. (Ed. Note: Wayne is and has been a full time night school student working towards an Engineering degree).

KA2MLN recently got a "shot in the head" or should we say "a bird in the helmet" which resulted in a pretty messy affair - especially when you're riding a motorcycle.

A12B, do you know who won that supposedly Super Bowling Match between WA2VQC and WA2IB2??

de the Evesdropper.

The Mysterious Evesdropper:

Several Club members have inquired from time to time as to the identity of the "Eavesdropper" who writes Da's and Dit's. The scribe "digs", anecdotes, humor, and caustic wit exuding from this monthly feature are secretly appreciated and eagerly awaited by all Club readers. Suffice to say, your editor deeply appreciates the on-time loyalty of this column and good work of its author. But, due to his own request, the identity of the Eavesdropper must remain guarded and it must be left as an exercise to the "gentle reader" to figure out who he is. Perhaps, some day his identity will be revealed, but until then, we can only continue to enjoy his "stuff" and thank him for his contribution.

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DX Dope, Tex to K2ZM

Crozet. F88KC has resurfaced and is active on 28 Mhz SSB during his local evening hours, 1200 to 1500Z.

Navassa Island. Final tally for the KP2A/KP1 operation is over 30,000 QSOs with over half of them being on CW. QSLS go to WB2MSH.

Congo. TN8AJ is back on the air, although he will not have much operating time until next week. Joerg expects to be there five weeks.

Lord Howe Island. WK9NN/LII continues active daily. The operator and QSL manager is DJ5CQ.

Franz Josef Land. UA1PAL can be found most days at 1500Z around 14210 KHz.

Taiwan. Tim, BV2B, has promised to meet W7PHD every Saturday at 0000Z on 28575 KHz and at 0100Z on 21345 KHz.

Eastern Caroline Islands. KC6JC can frequently be found working split on 40 meters SSB beginning at 1915Z around 7085 KHz. After his 40 meter operation, he usually moves to 20 meter SSB. Tristan Da Cunha. ZD9NV has organized a special schedule for VK/ZL stations on Saturday at 0800Z on 14270 KHz. Andy may also be found around 28590 KHz on Fridays at 1800Z.

Cocos Keeling/Christmas Island. K1MM and VKJOT report having made more than 29,000 QSOs on all bands from 160 through 6 meters with a strong emphasis on CW. QSLs for VK9XH and VK9YH go to K1MM at Box 73, Framingham, Massachusetts 01701 while QSLs for VK9XT and VK9YT go to VKJOT at Box 622, Hamilton, Victoria 3300, Australia. Bahrain. A92BD, formerly A9XDD, will be leaving on 7 April for a trip to Sri Lanka, 4S7, and the Maldives, 8Q. Meanwhile, Jerry may be found around 0300 to 0400Z on 14240 KHz.

Trinidad. PY1RR has advised that a group of Brazilians will activate PY0TA on SSB and PY0TB on CW beginning on 5 April for 20 days. Operating times will be determined by the availability of commercial power, most likely 0900 to 1400Z and 1900 to 2200Z. Barbados. Doug, W1FB/BP6EU, Jean, W1CKK/BP6FJ, and Marian, W1FESN/BP6, will be active from 2 through 16 April. 10 and 15 meter SSB will be handled by 8P6FJ from 1200 through 1600Z. 8P6EU will be on 20 meter CW from 1300 to 1700Z and 2100 to 2400Z, and on 40 meter CW from 1100 to 1300Z and again from 2400 to 0400Z. W1FESN/BP6 will operate in the 10 and 15 meter novice bands during the daylight hours. QSLs will go to K1BNQ.

NIUE. The operators of 5W1DW and 5W1DV are scheduled to show up with ZK2 call signs very shortly. Malesia Republic. Look for 5R0AL on Fridays on 21225 KHz on 1830Z.

Campbell Island. ZL60Y/A has been worked on 28570 KHz at 0200Z. QSLs go to ZL1BQD. Northern Cook Islands. ZK1CG is now operating from Manihiki in the Northern Cook Islands. Check 28375 KHz at 0900Z. QSLs should be sent to ZK1CG, Box 618, RAR Tonga, South Cook Islands.

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LES BELLES

Say gals---connected with GCARC---want to help me out? Sure you do and here's how you can do it:

Our annual HAMFEST is August 29, 1982 this year. You can play your part by making something to contribute; getting rid of that "white elephant" you received as a gift and do not know what else to do with; or just contribute your time.

Any help at all is appreciated. Fill out the form below and return to me as soon as possible so that we will know who can be counted on and what can be counted on to have for the Club's special day in respect to making sure every y1-xy1 who comes to the HAMFEST will have a good time. My helpers are Doris and Peg and we really would like to hear from you this year.

Thanks a million---in advance.

Also gals, there is still time to think about making plans to attend the Convention for YLRL held this year down in Washington, D.C. at the NEW CRYSTAL CENTER during the month of June. We have already received confirmations from several DX gals who will

be present. This will be a great opportunity to chat in person with these gals. If you are interested in more details, just say so when you return the form below.

Convention dates are: June 17, 18, 19 and 20. Crystal Center, D.C. I'm anxious to hear from you.

73

Rose Ellen - N2RE

TO: ROSE ELLEN BILLS - N2RE

YES, YOU CAN COUNT ON ME TO HELP WITH THE HAMFEST - TO HELP I WILL MAKE OR BRING

NO, I CANNOT HELP YOU THIS YEAR WITH THE HAMFEST MAYBE NEXT YEAR.

YES, I WOULD LIKE MORE INFORMATION ABOUT THE YLRL INTERNATIONAL CONVENTION.

FROM:

* * * * *

4 SALE

1. Hamcrafters TO elect. keyer, HA-1
2. IGO elect. keyer, model 717
3. Dentron MT-3000A ant. tuner
4. Typewriter, Royal, manual
5. TTY printer (just the printer), Model 28
6. Vibroplex, elect. paddle
7. TEAC Model 3300 stereo tape deck, reel to reel, 10.5
8. SB-200 linear, converted for 6M, 75 watts drive minimum
9. 12-hour clock, electric, Seth Thomas, 9.5" dia.
10. W/D Pwr Supply, 110V, T4XCW (for Drake T-4)
11. KLM E-2 xcvr, CW/AM/SSB, 2 meters

All above items in excellent condition. Best offer for any or all items. Contact Ray, WB2LNR,

1. Dual Diversity TTY terminal unit, U.S. Army CV-31D/TRA-7. Manuals included
2. Osc. Scope, dual sig., regular tech. workbench size, kit, the kit has never been opened!
- 4 above 2 items contact Ray, WB2LNR,

1. Pwr Supply, 11-16V, 15 amp, regulated, crowbar protection Contact Ed, WA2PFC,

2. Mobile Antennas (2); 2M 5/8 wavelength, magnet mount; also 220 MHz, 5/8 wavelength trunk-lip mount. \$15.00 each. For above 2 items contact Ed, WA2PFC,