

# CROSSTALK

Published By And For The

\* GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD \*

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Doug Gehring, WA2NPD, Editor	Bill Bachman, WA2VEE, Printer
Doris Bachman, Typist	Roslyn Marder, N2AKL, Circulation

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## Club Nets

2 Meter RTTY Net: Monday, 8:00 P.M. 147.54  
ARES Net: Sunday, 8:00 P.M., 147.78/18

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 - Feb. 1982

Fellow Members, it is with much sorrow that I must inform you of the illness of one of our members. Ken Newman, N2CQ is at present in the hospital and not too much is known of his condition. Hopefully, we might have more information at our February club meeting. Until then, our best wishes and prayers go to Ken for a speedy recovery.

How are the rest of you doing in this wonderful winter weather?? Hi. Hi. I think we're lucky not to have had any large scale weather-related disasters such as those in the northern and midwestern parts of the country, and not to mention the citrus crops of the south. In times like these, I hope we're all prepared at home with emergency heating, and to those capable of portable and mobile communications make frequent checks on your equipment for proper operations.

This leads into our Program for February. We're pleased to announce Harry McCormick, WA2SEA will give a talk on ARES & Emergency Radio Operations. Very timely, I must say.

In closing, again I and the officers of the Club welcome any comments or criticisms for the benefit of our organization. Feel free to contact us at anytime.

Looking for you at the meeting.

73's  
Harry - WB2GSF

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N2CQ in Sick Bay

The Club was saddened to learn that Ken, N2CQ, recently suffered a stroke and, at this writing, is in Underwood Hospital. It is expected that visitors will be permitted soon. Of course, everyone wishes our premier contestor the speediest possible recovery and all hope he will be ready for the up and coming contests this spring and summer. Ken recently received a new TRS computer from Santa Claus and is in the process of writing his own dupe sheet program. Contact WA2NPD or W2SUA for progress reports.

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"Flack" Over "Lists" and "Nets"

Recently, a group of hams (mostly old timers) wrote ARRL demanding that no DXCC credit be extended for any QSL submission whereby the contact was via some net or list operation (how this is to be enforced or checked out was not specified). If anyone wishes to either support or to protest this action, please write the ARRL, care of the DXCC desk. The League would be interested in knowing how you feel in re this issue.

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Editorial: "DX Lists and Nets"

No one likes to have to work the DX station via some list or net. Somehow it is artificial, too impersonal, and regimented. The QSO is all too brief, the exchange monotonous, and the list manager too pompous and unsympathetic. It is often harder to get on the list than it is to work the DX station.

But, consider the perspective from the DX side of the pond. "There are thousands of them (W's and K's) and only a few (depending on the country) of us!" "The pile-ups and bad manners from the US can be horrendous!" "Our English is so limited, our experience often lacking, and our stations modest!" Furthermore, the DX op may not know or be required to know CW (country dependent). From the DX ops point-of-view, the list very often is the method-of-choice, and the best most orderly way to work the US ham!.. Indeed, many DX ops will have it no other way! Hence, DX lists and nets are operated primarily for the benefit of and at the request of the DX station -- and not

at the pleasure of the US ham! Indeed, if DX stations never checked into DX nets, there would soon be no DX nets or lists. When one considers that there are 400 thousand USA hams and, for example, only one relatively inexperienced ham on Crozet Is., it seems rather clear why a list operation is preferred by the FB8 op. For the ARRL to deny DXCC credit for such contacts in effect would be a not so subtle way of dictating to the DX station how he should operate or not operate his station. The ARRL hardly needs to be accused of this sort of subterfuge.

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"I Want To Be Your Friend"

I see you at the meetings, but, you never say "Hello."  
You're busy all the time with men you already know  
I sit among the fellows, still I am a lonely guy.  
The New Ones sit there with me while you  
                    quickly pass me by.  
But, gosh you guys have asked us in and talked  
                    of fellowship.  
You could just step across the room,  
but you've never made the trip!  
Why can't you nod and say "Hello," or stop and  
                    shake my hand?  
Then go and join your other friends, now that I  
                    understand.  
I'll be at your next meeting, too. On that you  
                    can depend.  
So, won't you introduce yourself?  
I want to be your friend.

Author Unknown

Ed. Note: Many thanks to Sonny, WB2DXB, for this often all-too-true prose. Let's work towards "Not Guilty" of the above!

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DUES, DUES, DUES!

Need we remind you again? Let's dig-it-up and slip it to Jose, WB2OZE, ASAP. Your reward will be greater than his.

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4-SALE

Swan 350, 80 thru 10 meter transceiver + 117C power supply with speaker  
Ten-Tec crystal calibrator + Ten-Tec KR20 electronic keyer  
Sonar 2 meter FM transceiver + Hickok model 380 frequency counter  
ERC audio filter - contact Josh, AE2L,

Tempo 2020, SSB Xcvr w/remote spkr, pwr calbe, Instruction and Alignment manuals; \$490.00, or best offer, See Ed, WA2PFC,

ICOM, IC-2AT with wall charger, rubber duckie, BP4 battery case (extra) Price \$200.00, contact: Tony, N2SS,

WANTED!

Turntable for 33-1/3 rpm records. Will buy with 45 and 78 rpm included if price is right. Don't require automatic changing and stacking. Must be in good working condition. Contact Doug, WA2NPD,

Remember WB2DVQ??

George Taylor: WB2DVQ has changes his call to N4ENH and is located at Box 24 Odum Road, Hubert, North Carolina 28539. This is near Jacksonville, and Camp LeJune.

George is now enjoying early retirement from PSE&G; is an ex member of GCARC and might also be remembered from the program on electrical safety presented for GCARC at the Grenloch Fire Hall at the April and June 1980 meetings.

He sends word that he will be happy to hear from any and all GCARC members that are in his area; drop in for a visit, call on the phone or join him for a cup of coffee.

Tnx to Josh, AE2L

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CONGRATULATIONS TO:

Bill, WA2VEE, who recently qualified for the CQ DX Honor Roll having worked and confirmed 279 countries. Bill is breathing heavily down the "necks" of W2SUA and N2SS.

Dave, W2YC, and Herb K2HPV for having received megapoint endorsement stickers. These 2 guys obviously are two of our Club's top contestors.

Emmett, WA2ZND, who is now the proud father of a new male harmonic. Emmett now has a good reason to stay up all night and, in between feedings, can work DX.

WB1AOF, Steve, who has accepted chairmanship of a 3-man committee to handle this year's Bike-A-Thon event.

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CODE CLASS

Latest word is that the class contains about 9 students well on their way towards the Novice ticket. Appears as if Chick, WA2USI, is doing his usual splendid thing as Club instructor.

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DA'S & DIT'S

N2SS, Hope you enjoyed your Breakfast Presentation Meeting at Cherry Hill, but imagine you would wish it had been held in a warmer climate.

WA4FDO - just a reminder. It was N2CTR who rode home with you from the last meeting.

WA2VFK, What's the secret of living in a house for one week with no heat when the temperature is 5 above outside? Of course, your family was away at the time.

Frustrations, frustrations. During the recent snow storm N2AJN suffered a "blow-out". I know all of us sympathize with him, and there's nothing else we can say.

AI2B says his 220 rig talks back to him. If this is magic, let us in on the secret.

WA2WOD; It has been suggested by your colleagues that before you start your coax construction you take a few Geritol tablets.

K2PQDsays he used to operate one of his rigs with a light bulb! This sounds like an old Ripley job.

Calling all volunteers for WA2IBZ to split wood so he can keep the home fires burning.

Any of us who has gone through root canal work will have to sympathize with WB2LNR who has just gone through this ordeal.

Kudos to WA2USI for k-eping his repeater working at 100% efficiency.

N2AEP is in the doldrums. He can't get out to the Flea Marts in search of old records. They're all closed. Any suggestions??

N2CQ - I am sure all of us wish you a speedy recovery, and you know we are thinking of you.

To all the members who participated in the GCARC VHF Contest congratulations! Hope we come in "first".

Cul, de the Eavesdropper

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LES BELLES

Y L - O M C O N T E S T

Here's an opportunity to contact more YLs and work toward your YLCC certificate. This is YL-OM only and not YL-YL contacts.

PHONE: Starts: Saturday, February 13, 1982, at 1800 UTC  
Ends: Sunday, February 14, 1982, at 1800 UTC

CW: Starts: Saturday, February 27, 1982, at 1800 UTC  
Ends: Sunday, February 28, 1982, at 1800 UTC

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

PROCEDURE: OM's call "CQ YL" and YL's call "CQ OM".

OPERATION: All bands may be used. No cross band operation. Net contacts and repeater contacts do not count. A station may be counted only once in each contest for credit.

EXCHANGE: Station worked, QSO number, RS or RST, ARRL Section or country. Entries in log must also show time, band, date and transmitter power. (Please know your ARRL Section, a section list is available for SASE to ARRL).

SCORING:

- A. Phone and CW will be scored as separate contests. Submit separate logs for each contest.
- B. One (1) point is earned for each station worked, YL to OM or OM to YL.
- C. Multiply the number of QSO's by the total number of different ARRL Sections and countries worked.
- D. Contestants running 150 watts or less on CW and 300 watts PEP or less on SSB, at all times, may multiply the results of (C) by 1.25 (low power multiplier).

LOGS: All logs must show ARRL section 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 separate logs for each contest. Logs must show claimed score and be postmarked by March 15, 1982, and received no later than April 5, 1982, or they will be disqualified. Please send logs to: Sandra Heyn, WA6WZN, California 92626.

DUPLICATES: For each duplicate contact that is removed from the log by the Contest Chairman, WA6WZN, a penalty of three (3) additional and equal contacts will be exacted.

AWARDS: 1st Place Phone: YL Cup, OM Cup; 1st place CW: YL Cup, OM Cup. 2nd and 3rd place YL and OM winners in each contest will receive certificates. The winner of the phone contest cup is also eligible to win the CW cup. Certificates will be awarded to the high YL and OM Phone and YL and OM CW winners of each U.S. and VE call district and country.

This contest is sponsored annually by the YLRL, Inc. Each year a different person (the Vice President) is also the Contest Chairman. For the year 1982 yours truly is Secretary of YLRL to mainly handle the correspondence and any changes in the Constitution and By-Laws or any other written item.

During the year 1982 the YLRL will hold a Convention. A Convention is held every 3 or 4 years. More details eq, this later. Any YL can attend the Convention -- you do not need to be a member of YLRL. You can also bring your OM.

73

Rose Ellen-N2RE

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## CODE ODE

by Troy Weidenheimer, WØROF

*It's more than dots and dashes,  
It's a place.*

*A sanctuary for those who've learned  
To love the mysterious magic of  
Thoughts arriving in mile-long strings  
On roads of ether or wire.*

*Even more, it's peace,  
A shield from the disordered sounds  
Of traffic, angry people  
And industrial clutter clatter,  
Within its warm mantle  
We find soothing respite.*

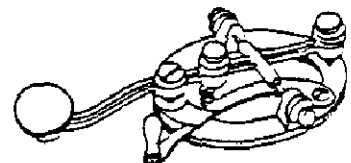
*And the patter of bright ideas it is,  
The sharp focusing of others' thoughts  
From miles beyond our vision's range,  
As in a dream we sit so still.*

*It floats in our ears and stirs our minds  
With concern, remembrance, speculation  
And mirth.*

*And code is music,  
From sounders and speakers it dances  
In the shack to each sender's inner clock,  
And comes butter-smooth, deliciously swinging,  
Or choppy stacatto from a "fist" praising definition,  
Or perfectly metered, flowing exquisitely  
From the gentle hand of an artist.*

*A place,  
And peace,  
Intelligence and  
Music.*

*Code is more than dots and dashes.*



Tnx to Josh, AE2L

### CONGRATULATIONS

To Jesse, W3KT, and Hugh, W3ABC, for their recent reelection as Division Director and Vice Director respectively. May their reign be fruitful, worthy, and pleasurable. GCARC continues its pledge of cooperation and support.

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### DX DOPE (Tnx to KE2M)

Crozet. FB8WG is active but hard to nail down. He has recently been heard and worked on the following frequencies at the indicated times, 14012 KHz at 0300Z, 14225 KHz at 1600Z and working European stations on 14112 KHz at 1830Z and earlier.

Auckland Island and Campbell Island. ZL4OY/A is on 7074 KHz listening on 7208 KHz after 0800Z. QSLs go to ZL1BQD.

Tristan DA Cunha Island. ZD9BV will be active after 25 February. Tune in to 21338 KHz after 2000Z for up-to-date reports.

Surinam. Lloyd, W6KG, and Iris, W6QL, are now signing W6KG/PZI from Surinam. They will be active on all bands through 2 February and then move on to French Guiana, FY.

Antarctica. VP8ANT can often be found on 14212 KHz after 0100Z. Richard expects to spend a lot more time on the lower bands now that his short summer season is ending.

Ghana. Check 21330 KHz at 2200Z for 9G1DJ. QSLs go to WD5GXB.

160 Meters. The following stations have been worked recently on 160 Meters. FC9VN on 1851 KHz at 0700Z, EA6CE on 1823 KHz at 0640Z, HH2VP on 1805 KHz at 0525Z, ZD8TC on 1823 KHz at 2330Z and KP4KK/DU2 on 1805 KHz at 1130Z. IR8ONU will be active on 160 Meters shortly, introducing Italy to top band. The operators of IR8ONU hope to be on the air for the CQ WW 160 Meter Contest next weekend. QSLs for IR8ONU will go to I8UDB.

Willis Island. Look for VK9ZH on either 28510 KHz or 28585 KHz at 0000Z.. QSLs via VK6YL.

Sovereign Military Order of Malta. Latest news is that they are rebuilding station 1A0KM and don't as yet have a date set to resume activity.

RTTY. K8ND and WA8CZS are taking RTTY gear on their DXpedition to Anquilla, VP2E, French St. Martin, FS7 and St. Maarten, PJ7. Special schedules can be arranged by contacting Everett Jackson, Jr. WA8CZS, Zanesvi Ohio 43701.

XF4, Revilla Gigedo: Mexico DX Club will again be operating from XF4MDX (or possibly 4A4MDX) 12 through 14 February. Transportation will again be by the Cocoa-Cola jet. Ity gain monobanders will be in use on all bands. Mode will be SSB, CW, and RTTY.

Macao, CR9BH: Look for Martti, OH2BH, from Jan. 30 through Feb. 5th. All band operation on SSB, CW, and RTTY.

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### PROPAGATION FORECAST SHORT TERM-PROSPECTS

The sun has finally begun to develop a statistically significant downward trend in its 10.6 cm flux. This now follows the steady drop in geomagnetic activity noted during the last 13 solar rotations. Expect an average drop of 3 to 4 flux units/month at least for the next year. Coronal hole development on sun is proceeding rapidly. The solar flux should peak about Feb. 2-3 and bottom out Feb. 10-12. Geomagnetic quiet periods are expected Feb. 3, 8, 14-15. The geomagnetic field will get more unsettled as we approach the equinoxes. Look for greatest geomagnetic activity Feb. 1, 5, 17. Predictions of solar-terrestrial indices are made using exclusive optimum filtering algorithms originated by David D. Meisel. Geophysical data is supplied by Space Environment Services Center, Boulder, Co.

### CONTEST CORNER

Important business first. This writer was certainly shocked to hear of N2CQ's (Ken) recent illness. Ken is a real gentleman and I know we all wish Ken the best and are certain that he will battle this problem with the same tenacity and success we've seen and respected in his contest and field day efforts.

January is now history and with it this year's VHF Sweepstakes. Early reports indicate at least 8 to 10 Club participants. I'm looking forward to seeing those logs or scores at this month's meeting - hope you all had fun!

There are ten contests in February, with 2 or 3 going every weekend. There should be something for everyone! And there are two Megapoint contests: Megapoint Score Weighting: 3X - Feb. 13-15 Two-Land QSO Party.

3X - Feb. 20-21 ARRL DX Contest - CW.

The Two-Land QSO party features the world working NJ - be "DX" for a change. It's fun! Note this contest is sponsored by The South Jersey Contest Coalition; four of our own Club members are members (W2KI, 4B2E, AA2Z and N2CQ). Your support is needed and you can win! Last year I placed first in Camden County (of course it helps to be the only log listed - Hi!).

Listed below are the aggregate Club DX ARRL DX contest scores since 1978:

<u>Year</u>	<u>Total Score</u>	<u>No. Entries</u>
1978	5,568,840	20
1979	4,466,025	12
1980	2,770,512	7
1981	1,832,916	13

Activity picked up again last year and with your help we can keep participation on the upswing. Also, don't forget the W2SUA Trophy is awarded on the basis of ARRL DX contest scores. The winner could be you!

Novices and Techs - don't forget the Novice Round-Up beginning January 30th. It's a nice, low pressure contest. Plus, you'll now get a special one-time Megapoint bonus credit at 5 times your score. Each Novice and Tech can receive credit for one (1) Round-Up. Should you happen to enter two (say this year as a Novice - then next as a Tech) you'll receive credit for the highest score. And if I receive 3 or more logs, the top scoring Novice/Tech will receive a Club Certificate in recognition of this achievement. I think it's important to recognize the objectives of our contest program. WINNING ISN'T EVERYTHING PARTICIPATION + HAVING FUN IS! We don't expect to ever challenge the big contest clubs but we can, through your participation, continually improve the Club score + competitive standing while sharpening our operating skills. Everyone's participation is meaningful no matter how big or small, so jump in and give it a shot - but watch out - it's catching!

This month I had intended to feature Club members close to achieving the Megapoint Award or an endorsement, and the introduction of the Club's newest contest award. Due to space limitation these items will be covered at the meeting.

73

Dennis, WB2GES

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### LEGAL HAPPENINGS de K2JF

#### ATTORNEY GENERAL RULES ANDOVER RFI ZONING LAW ILLEGAL

Back on May 26, 1981, the town of Andover (Massachusetts) at their annual Town Meeting approved an amendment to their zoning by-laws which required radio amateurs to correct all RFI/TVI problems caused by ham operations. The new ordinance ordered that an applicant for a permit to erect an amateur radio antenna essentially insure against the occurrence of radio frequency interference to neighboring television and radio reception. Thus a burden was placed upon amateurs over which they had no control.



The League was made aware of the ordinance amendment and Chris D. Imlay (the League's Assistant General Counsel) went to work on it. On June 17th he wrote a letter to the Massachusetts Asst. Attorney General (Henry F. O'Connell) pointing out that....

1. Amateur stations are federally licensed instruments of interstate commerce controlled by the U.S. Government through the FCC. The Town of Andover lacks jurisdiction. RFI is not a local matter. "Unquestionably, federal legislation has pre-empted local regulation of radio transmissions...."

2. RFI results from inability of home entertainment devices to reject unwanted signals even though internally incorporated filters could accomplish this. "The U.S. Congress has for years and is presently attempting to introduce legislation requiring the manufacturers to incorporate radio frequency filtering." While most manufacturers will supply filters on request, "they resist efforts to require such filtering. It is thus impossible for amateur radio operators to insure against the occurrence of interference to neighbors' electronic equipment."

3. Ordinances that suggest lower antenna heights as a means of controlling RFI "are faulty as a matter of longstanding engineering considerations. To reduce antenna heights if interference should occur would compound the problem immensely."

On September 8th, the Massachusetts Assistant Attorney General wrote the Town Clerk in Andover advising him that with the approval of the Attorney General (Francis X. Bellotti) the amendments to the zoning by-laws were being endorsed with the exception of paragraph 3(a) which "seeks to regulate amateur radio equipment and any interference resulting therefrom." The Attorney General's office gave the Town of Andover the same legal reference that ARRL's Chris Imlay gave him stating that "a local community may not legislate in this area." Thus Andover amateurs will not be held responsible for RFI resulting from their transmitters and can thank the League for intervening in their behalf.

AMATEUR INTERFERENCE TO AND FROM low-power RF controls became a cause for concern with the FCC's adoption of Docket 20990. In this action, which had been hanging fire since 1976, the Commission agreed to permit the operation of burglar alarms, garage door openers and similar devices on most frequencies above 70 MHz. Their operation is supposed to be on the basis of non-interference to existing services, and users would be warned they'd likely experience interference from licensed transmitters. It's probable however that the Amateur service would experience more than its share of problems if these devices are permitted on the Amateur bands in urban areas.

THE ARRL PLANS TO ATTEMPT heading off the problem with a Petition for Rule Making, in which they'll ask the Commission to forbid the operation of such devices in the 144, 220, and 420 MHz Amateur bands.