

CROSSTALK

Published By And For The

* GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2YMD *

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Crosstalk Staff

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Doris Bachman, Typist

Bill Bachman, WA2VEE, Printer
Roslyn Marder, N2AKL, Circulation

Club Nets

2 Meter RTTY Net: Monday, 8:00 P.M. 147.54
ARES Net: Sunday, 8:00 P.M., 147.76/18

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 PM.

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

President's Message - January 1982

Here we are, the start of a brand new year, 1982. I trust that all of you and your families had a happy holiday and a happy ending to 1981. Perhaps, if I'm right, we might be hearing a few new rigs on the air.

On to the business at hand. This being my first message as President, let me again echo what I said at the December Club Meeting. It is indeed an honor for me to serve as President of this organization, and with your help and backing we will continue in a positive direction toward making the GCARC one of the premiere, or possibly, "The Premiere" organization in the area.

At this point in time, the Board of Directors and I are busy putting together the various committees and appointing chairmen. If there are any of you that would like to participate on any committee, or any of you that have been overlooked, you can contact me or any club officer to let them know of your intentions.

Our one aim this year is to get the whole club ACTIVELY involved in Club activities! I would appreciate any feedback from you on what you would like to see in the Club for 1982; changes, new activities, or any comments at all are certainly welcome.

Last - but certainly not least, is the January meeting. To kick off a great year, the program for January will feature Ennis Coleman, FCC Engineer in Charge for this area. It will undoubtedly be a very enlightening program. By the way get there early as Ennis will be presented first and the general meeting will follow, as he has quite a distance to travel.

Hope to see you there.

73

Harry, WB2GSE

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GCARC Set For '82"

At the December Club meeting, the 1982 slate of officers was formalized as follows: Harry, WB2GSE, President; Peter, N2GME, vice president; Rose Ellen, N2RE, Recording Sec.; John, K2JF, Corresponding Sec.; and Jose, WB2GEE, Treasurer. New Directors are: Dave, KD2T; Russ, N2ASV; and Sonny, WB2DKB; and Bill, WB2FJE, will be the 4-year trustee. The new president will appoint the sixth director within the next few days. Congratulations to all the new officers and our humble thanks to the outgoing KE2M team for a superb job in 1981. Harry will have a tough act to follow, but with the dedicated support of all members in 1982, Harry's job will be facilitated. Away we go for '82".

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K3WIL Awarded First Service Trophy!

Perhaps the biggest news item to emerge from the portals of GCARC in many years was the creation and presentation of the K3WIL Service Award plaque which at the December Club meeting, was unveiled and presented to the first recipient - K3WIL, for whom the award is named. This handsome plaque will henceforth be presented on an annual basis to the member who, during the year in the judgment of the Board of Directors, has best served the Club with distinction and accomplishment. It was more than appropriate that this award was created for and named in honor of whom many consider as Mr. GCARC himself. To list Milt's accomplishments, credits, and contributions over the years to GCARC would require a separate issue of X-TALK. But perhaps his dedicated service can best be summarized in two words, namely unselfish and reliable. These are attributes admired by all but achieved by comparatively few. Milt is a charter member of GCARC and, for the entire 22 years of the Club's existence, has been involved in some phase of club activity in each

and every year. Future recipients are not expected to match Milt's performance - merely to emulate it. Again, our sincere congratulations to Milt and a hearty Amen to the Board for exercising excellent judgment in establishing this fine award.

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Our Condolences

Are extended to Rich, WB2CCR, who recently, within a two-day span, lost both of his parents. Our sincere sympathies are extended to Rich, his brothers, and to the other members of his family.

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To All RCA Vets & Employees

If you are a licensed radio amateur employed by RCA, please contact K2JF, John Fisher, in Camden, N.J., ext. 4841. John is preparing a list of all the RCA Hams.

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JOSEPH D. WELCH

K3CT

Died December 7, 1981

Joe grew up in Boston, graduating from Boston English High School and also Boston Radio School. At age 20 he entered the Air Force as a Tech. Sgt. - Bomb Squadron - Tail Gunner and served in the South Pacific during WW-II. His first job was with Station WBZ in Boston--beginning at 5:00 a.m. daily. It was not long before he had employment with the F.C.C. in Boston and accepted a transfer to Philadelphia. Joe served as F.C.C. Engineer in Charge for a total of 25 years. A true ham, Joe had his station set up in the basement of his home in Boston as a young boy---in order to make life easier for his mother, Joe fixed up an intercom throughout the house so she could call to him: "Joe, dinner is ready" -- for that was about the only time he left the rig--when it was time to eat. Most of all hams in this area who took their exam in the past 20 years got to know Joe very well because he did visit many of the local radio clubs to give talks and answer any questions regarding the F.C.C. Along with all the interest and work with electronics and radio, Joe also was very active with Boy Scouting where he played many leadership roles and received many awards. Because of poor health, Joe was forced to take an early retirement in December, 1979. Since that time he had been fighting the battle of cancer. He will be missed by all his ham and scout friends.

de Rose Ellen-N2RE

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DA's & DIT'S

WB2GES came close to winning the "Golden Eagle" award. Maybe some other time. It's all in fun.

WA2EMQ gets a free meal occasionally accompanied by a Manhattan or two.

N2LR is now in his 3rd Dimension and very happy. Will there ever be a Ltk?

WB2DXE-Hereafter we request Valet service at the Button Factory on Monday during the lunch-hour Fiesta.

KB2GW - Thought you would never return, but glad you're back in the groove again.

KD2T - with cold weather here and all the necessary adjustments completed, we hope you and yours have a toasty house.

WA2VFK - did you make a resolution that you are not going to bother with anymore 807's for the rest of the year?

W2YC - hope your wife has a speedy recovery and gets back to those lessons real soon.

WA2SEA has every edition of Crosstalk that has been published since its inception. Some record.

WB2AOL - did you say you passed those exams and came out with an "A" average? Good.

K2PQD is now retired. Hope he enjoys. Understand he couldn't attend the last meeting because of "dog" trouble. Interesting!

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DX Bureau Address Change

Note the change in address of the N.J. Incoming QSL Card Bureau as follows:
N.J. DX Association, Box 599, Morris Plains, N.J. 07950.

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DUES-DUES-DUES!!

Don't forget!! Your 1982 GCARD dues are due! It's only \$7.50 if paid during the months of January, February, and March -- the full \$9.00 thereafter. See Jose at the Club meeting, or mail your check to: Jose Lopez, WB2CQB, 33 Sherwood Drive, Turnersville, N.J. 08012.

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Our Congratulations to -

Tony, W2SS, for obtaining and achieving the most coveted DX pinnacle, the DXCC Honor Roll. Tony joins Snorby, W2SUA, as the only club members in this elite group.

John, K2JF, who recently obtained his WAS on 6 meters (move over WB2LNR).

Ed. Note: At the suggestion of K2JF, we would like to implement this article as a regular feature of X-TALK. But we need your input! Please pass along your accomplishments or those of others of whom you are aware. Upgradings, awards, honors, etc. - all items are considered. Thx, de Ed.

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Do You Need --

QSL cards, club patches, emblems, name tags?? Remember, all of these items are available through the Club at low prices. Also, remember to renew your ARRL membership through the Club (we get a "cut" from your membership dues)! See the Treasurer.

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IES BELLES

The Auto State YL's (TASYLS) are an active group. The Club has hosted the Mid-West YL Convention several times. Their net is on Monday evenings at 2300 (7:00 p.m.) on 3922 with a different NC each month.

For the club Certificate you must work or earn 10 points (out of state YLS). Number TASYLS are one thru 50 are worth 2 points (not many of these left) - 50 thru 176 are worth 1 point. After receiving number of points, you would then send log date, signed either by Officers of your Local Radio Club (General Class or Higher) or by a Notary Public. These people would verify the QSL cards received

from the TASYLS. (Saves the postage this way). Along with \$1.00 send to:

MARY MC CARTHY, W8WSP

Do not send cards as they could be lost in the mail, just confirmation of Log Data of gals worked.

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In Ohio we have the active Buckeye Belles. They have a net on Tuesday evenings and have always had a part in the Dayton Annual Convention. One of the fund raisers now going is something any of you may be interested in: Anybody know of a wedding? If you can get some orders for the little NET "bundles" of rice or mints or whatever with a little ribbon (specify colors) and a little "gold ring" tied around them, Carol-W8WRJ, President of the Buckeye Belles, 21443 Ball Avenue, Euclid, Ohio 44123 will make them up and "send em to them", so that she will use all those little gold rings that were given to the Belles for a money making project. They should get \$3.25 a piece for 100, or \$.35 a piece for 50 or 60 or less. If interested--contact Carol.

Buckeye Belle Certificate Requirements: Ohio stations worked - 12 confirmed contacts. Other stations - 8 confirmed contacts (U.S.). All DX stations - 4 confirmed contacts. Send complete Log Data - Name, Call, Time Date, Mode & Buckeye Belle No. to Certificate Custodian:

MARGE FARINET, K8ITF

Include \$1.00 to cover cost of mailing.

73

Rose Ellen-N2RE

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4-SALE

ICOM 701, Pwr. S. & mike; Triex 40' CRANK-up twr, Ham IV rotor and cont. box, Cushcraft A3 tribander, misc. items, all in ex. cond. Sell all or separate after xcvr goes first. Any reasonable offer. Also 19" B&W TV and stand, Philco, ex. cond., \$50.00. Call Bob, N2BAF,

Ten-Tec 509 Argonaut QRP xcvr, 208 ssb/cw filter, 206A calibrator. All mint with all manuals and in original cartons, \$300.00. Heath DX603 xmtr with HG103 VFO, \$100.00; Drake 2B, \$125.00; Clegg 225M 2 meter xcvr, \$100.00; all units have manuals and in good working cond. 4 all above contact Joe, WB2GUN,

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Contest Corner

Four megapoint events remain for the 01-02 contest season:

Jan. 16-17 - ARRL VHF Sweepstakes

Feb. 13-14 - Two-Land QSO Party

Feb. 20-21 - ARRL DX Contest - CW

March 6-7 - ARRL DX Contest - Phone

Jan. 30-Feb. 7 - ARRL Novice Round-up (Tech's too!)

January is VHF Sweepstakes month. This has been a popular and successful club contest, and with your help GCARC will again be well represented. For your info, listed below are the Club scores for 1978-1981:

Year	Score	# Logs	Top Club Cq - Score
81	51513	10	K2JF 5152
80	80624	13	WA2PFC 6202
79	72676	14	AA2Z 5190
78	57204	20	N2CQ 2860

VHF activity has been slowly dropping. If you have VHF capabilities, jump in and make a few contacts. You'll help the Club and pick up a few "megapoints" (the award multiplier is 50, so they mount up fast!) who knows - you may even like it!

Novices and Tech's shouldn't forget the Novice Round-up. It's a good opportunity to boost your code speed and to get contest experience while competing amongst your peers.

Listed below is a summary of raw megapoint contest scores received to date:

(A) CQ World Wide DX Contests			(B) ARRL November Sweepstakes		
Call	Scores		Call	Scores	
	CW	Phone		CW	Phone
W2YC	1,217,200	-	N2BCF	40,960	09,000
N2ATD	-	293,066	W2YC/1	67,592	-
K2SNK	-	281,680	K2HPV	38,610	15,096
WB2GES	145,054	-	WB2GES	20,196	-
K2HPV	124,560	12,900	W2GSN	-	14,080
W2GSN	-	14,694	N2CQ/3	-	-
Total	1,765,414	708,400	(W2KI + W2YC)	-	100,394
			Totals	167,358	190,080

Congratulations to W2YC for a super CQ WW DX contest CW effort.

Many thanks to everyone for your participation and support.

K2HPV and W2YC also earned million point endorsements to their Megapoint Awards.

Good luck to all in the VHF Sweepstakes.

Next month's column will feature a preview of the ARRL DX Contest, a list of Club members close to achieving the Megapoint Award, and the introduction of the newest edition to the Club's Contest Award Program.

73

Dennis, WB2GES

P.S. Don't forget, CQ World-Wide CW logs must be postmarked by Jan. 15th!!

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DXCC List

The following is a list of GCARC members and their present DXCC standings.

The next list will be printed in a midyear issue of Crosstalk.

Call	Handle	DXCC Verified	Worked
W2SUA	Shorty	327	329
N2SS	Tony	326	326
WA2VEE	Bill	282	293
N2ATD	Bud	272	291
WA2OCS	Tom	225	269
WA2NPD	Doug	207	262
AB2W	Jack	185	188
N2CQ	Ken	180	226
KE2M	Tom	153	212
K2JF	John	106	244
WA2PFC	Ed	103	112

1-Verified at League Headquarters by the ARRL.

Welcome to Tom, WA2OCS and Ed, WA2PFC. Close inspection of the above indicates DX interest remains high in GCARC. There are some who have not sent in their totals -- send 'em in for the next printing. Remember, you must have the DXCC Award to be eligible.

de
W2SUA

DX Dope - Tnx to KR2M

Chatham Island. ZL1AZV/C and ZL1AAS, C commenced operation from Chatham Island last evening. They were working split frequency, transmitting on 28595 KHz around 0000Z.

Congo Republic. TN8AJ has returned to the Congo Republic where he is working phone and CW with the help of DK200 on 28745 KHz most days. QSL JCERG to Y2510.

Argentine Antarctica. Ron, LU2AFH, will be leaving on 22 December for a 72 day trip in Argentine Antarctica. Ron is scheduled to stop at the South Shetland Islands, the South Orkney Islands and the South Sandwich Islands.

Africa. WULZZ has been quite active recently as 5T5ZZ with lots of 20 meter operation. He expects to return to the Republic of Guinea and reactivate station 3X1Z at the end of Dec.

Antarctica. VP8ANT will spend the next two years on Adelaide Island and will spend a lot of time on the air, especially on 40 and 80 meter CW.

Ascension Island. ZD8RW and ZD8RB have been very active from Ascension Island lately.

Nepal. JASWU will be leaving for Nepal about 27 December where he will be signing the call 9N1JA. After his stay in Nepal, he hopes to go on to Bangladesh for an operation as an S2.

10 Meters. Look for W35LBJ/DU6, KSLAMS, and 9M2DW around 28575 KHz at 0300Z. JT1BG sometimes shows up on the same frequency around 0200Z. SM2DW will at times be available on 21345 KHz at 0300Z.

Surinam. Look for PE1AC on 80 meter phone on 3795 KHz.

Sri Lanka. 6Q7AZ will be taking a trip to Sri Lanka around 25 December and plans to be on the air with a 4S7 call sign.

Minard Terishima. JDLYAA can often be found between 28510 KHz and 28520 KHz around 1300Z.

Iraq. Y1IAS is scheduled to show up beginning Friday 18 December at 1200Z on 28745 KHz with DK200. QSL to DK200.

South Sandwich Islands. Look for LU3ZY on Sundays and Tuesdays on 14240 KHz at 0200Z. Dist taken after Carlos shows up.

Malawi. It has been suggested that it might be a good idea to make no mention of amateur radio or call signs on any mail addressed to 7C7LW. QSLs go to Les Sampson, Box 24, Mtakatika, Malawi, Africa.

Svalbard. SP2BHZ/JW continues to be active from Bear Island in the Svalbard group. 80 and 40 meter conditions are excellent from there this time of year.

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Amateur Band Summary - "Winter"

6 Meters: Expect occasional F2-layer DX to Europe and farther east before noon, towards the south during early afternoon, and towards the northwest and west during the late afternoon. Monitor the 10-meter band peak from the same area to catch the favorable times for 6 meters.

10 Meters: Excellent world-wide conditions from just after sunrise to well past sunset. Optimum directions are the same as for 6 meters - roughly following the sun in azimuth. Short skip during daytime between 1300 and 2300 miles.

15 Meters: Excellent world-wide DX expected in daylight and early evening hours with a peak in late afternoon. Optimum directions are the same as for 6 meters - roughly following the sun in azimuth. Short skip during daytime and early evening over range 750 to 2300 miles.

20 Meters: Expect good DX conditions around-the-clock. Because of daytime D-layer absorption, the peak reception occurs in the "gray-line" (sunrise-sunset) zone. All directions at sunrise, east and south in late afternoon and evening, west and north during the night. Short skip: Daytime 350 to 2300 miles; and 1000 to 2300 miles at night.

40 Meters: Good world-wide DX during sunrise and darkness hours. Directions should be Europe and eastward in the late afternoon, east and south between sunset and midnight, north and northwest from midnight to just before sunrise. Excellent short skip openings during daylight up to 1000 miles and 750 to 2300 miles at night.

80 Meters: DX should be good during darkness and at sunrise. Peaks to east and south from sunset to midnight, and toward northwest, west and southwest between midnight and dawn. Daytime short skip up to about 500 miles and nighttime between 500 and 2300 miles.

160 Meters: No daytime openings, but fair DX should occur during darkness and just at sunrise. Short skip during darkness up to 1500 miles and frequently to 2300 miles will occur.

de K2JF

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Cable TV-Interference Problem of the Future!

On Oct. 6th, an amateur radio operator from Arroyo Grande, California, wrote the FCC in Long Beach that he had been experiencing severe interference on the 2-meter ham band from Cable TV. Commission rules allow Cable Companies to utilize VHF frequencies in the transmission of Cable TV programming. Theoretically, since the cable system is not over-the-air and because it uses shielded co-axial cable there will not be any problem. This might work in theory, but in actuality a very serious problem exists to users of the VHF spectrum.

Rich Helzer, WB6FVC, said "full scale" S-meter readings made communications virtually impossible on 145.250 and 147.060. Rich, who had previously been a professional electronics technician said, "While the cable companies may argue that they can cure the problem by improving connections and checking signal levels, I maintain that this is an exercise in futility. In reality, the cable company has little or no control over their signals after it reaches the customer. Many customers have high output distribution amplifiers to run dozens of sets, such as hotels, motels, department stores and even private residences having several TV and FM sets. In situations such as those just mentioned, very often the equipment used is of poor quality, poorly maintained (if at all) and incorrectly installed." Rich identified the offending cable companies as Sonic Cable TV of San Luis Obispo and Teleprompter of Lompoc and Santa Maria, California.

Senator Barry Goldwater, RFUA, is well aware of the problem. During an October FCC. Goldwater mentioned to WBELH (Dave Kreiss) that he was of the opinion that cable TV radiation would not be a problem if the cable system was required to be underground. He's right about that. Tests run by amateurs in Richland, Washington, indicate that signals from buried CATV lines were consistently heard throughout the undergrounded area but at a greatly reduced level.

While the above problem might only affect a handful of amateurs and amateur frequencies now, what about the future? CATV in many communities-particularly the major cities-is expanding at tremendous speed. It won't be long before the 20% penetration becomes closer to 100%! What then? And more frequencies will be utilized for existing systems, more RFI problems. Already CATV firms are petitioning to use "HRC" (harmonic related carrier) frequencies in order to expand cable service to existing subscribers without rebuilding their systems. If one amateur with his kilowatt caps his condominium complex because he uses a frequency on or close to the CATV frequency who gets the blame? This could easily lead to more legislation against antenna towers and more community restrictions against amateur radio.

Nearly all cable companies will take extra effort to eliminate cable system leaks when officially notified. They have no alternative. It is doubtful, however, that such an intensive effort would be continued beyond the immediate future. And the Teleprompter Corporation is right when they say that they do not have any real control over what a subscriber may do in his own home to a cable installation leading to excessive leakage. Cable TVI will be the CB TVI of the future! And as in the case of CB radiation, the Commission's Field Operations Bureau, largely because of its ever decreasing staff and budget will be unable to effectively combat the problem with the ham ending up the loser. The amateur community should be very concerned about this emerging new source of interference.

Tnx to John, K2JF