

CROSSTALK

Published By And For The

GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD*

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Corresponding Secretary	Walter Ashton, WB2OYQ
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 Phil Bakanowsky, WB2ONS
 Tom Widener, KE2M

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Committee Chairmen

Program:	Harry Maxfield, WA2VXT	Technical:	Chuck Colabrese, WA2TML
Awards:	Jack Zaruba, K2ZA	D.X.:	Tom Widener, KE2M
Training:	Chick Naylor, WA2USI	Publicity:	Sonny Gutin, WB2DXB
Membership:	Fred Muzenmayer, KB2BF	House:	Jim Bray, N2AKI
Contests:	Dennis Sandole, WB2GES	Historian:	Della Parker, W2AFZ
Hamfest:	Harry Jackson, WB2GSF	Club	
Field Day:	Tony Starr, WA2FEB	License:	Rose Ellen Bills, N2RE
A.R.E.S.:	Harry McCormick, WA2SEA	VHF:	Ray Martin, WB2LNR
Legislative:	John Fisher, K2JF	L.R.P.:	Doug Gehring, WA2NPD
Invenstment:	Sonny Gutin, WB2DXB		

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Crosstalk Staff

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 VFW Hall in Woodbury Heights. Meetings begin promptly at 8:00 P.M.

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

PRESIDENT'S MESSAGE, JANUARY 1983

As we enter into another year let's all give thanks for the advantages we experience by living in the gool ol' U.S.A., and for all the blessings we have received during the past year. Since you will not receive this issue of Crosstalk until 1983 I wish you all a belated Happy Holiday Season and hope you received all the goodies (Ham gear, etc.) you wanted. A special thanks goes to all those who so capably served the Club in 1982 on the various committees and as officers, directors and trustees. Everything was in good shape and ready for the new team to take over.

Welcome to all the new committee chairmen, directors, trustees and officers. I want to thank Harry Jackson - WB2GSF, who has consented to chair the Hamfest committee and Tony Starr - WA2FZB, who offered to chair the Field Day committee. These are two of our most important annual activities and I'm sure Tony and Harry will appreciate any help any of you will provide. If you feel a special need to do something for your club why not let them know that you will be willing to help.

You will notice that Wayne Wood - W2SUA, is no longer chairman of the DX committee. Shorty has served well in this capacity but now feels he wants to relax and let someone else take over. Our thanks goes to Shorty for all his past dedication and also to Tom Widener - KE2M, who has consented to take over this responsibility. As many of you know, Tom has been quite active with DXing and in obtaining DX information. Congratulations Tom, keep us posted.

If any of you know anything we can do to make our club and meetings more enjoyable or that will enable us to get a better turn out at meetings and other club festivities, please let me know. I can't promise that your ideas will all be utilized, but I can promise that they will all be considered by the Board of Directors.

The best to all of you in 1983 - Hope ~~pe~~ to see you at the meeting.

73 Russ - N2ASV

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CLUB MEETING, JANUARY 5th

Let's all show up and give our new president and his team a rousing send-off for 1983. To get things off on the right foot, Harry, WA2VXT, announces that the program will be a discussion on how to use the ARRL propagation charts and MUF calculation. The lecturer will be none other than our own K2JF whose knowledge in this area needs no reiteration. So, c'mon out and prepare for an enjoyable evening. As usual, N2AKI assures us that the coffee will be hot and the donuts fresh.

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MILT GOLDMAN SERVICE AWARD PRESENTED

At the December meeting, the 2nd Annual K3WIL Award was presented to John Fisher, K2JF, a unanimous choice of the Board. Without a doubt, K2JF more than deserved and easily qualified for this prestigious honor. John's contributions to GCARC over the years would almost require a separate issue of Crosstalk simply to document. A few of his more noteworthy accomplishments include distinguished service as Corresponding Secretary, Director of the Club, and Legislative Chairman. He has been Co-chairman of the Hamfest and responsible for arranging for the FCC testing and ARRL Forum Speakers. He has handled arrangements for Hamfest talk-in, has been FD Band Chairman, has published and contributed to Crosstalk, and has presented many interesting programs at various club meetings. Perhaps John's strongest asset is his versatility and,

coupled with being totally reliable, this makes a combination hard to emulate. Again many congratulations to K2JF, who richly deserves the thanks of all GCARC members.

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NEW OFFICERS SELECTED FOR 1983

Please refer to the title page in order to become familiar with your new officers and directors for 1983. We vigorously welcome N2ASV as our new president and certainly pledge to give Russ our very best effort, cooperation, and support during his tenure. 1982 was another successful year for GCARC. Our hamfest was bigger and better than the year before, we maintained our club membership, FD was a lot of fun, the club meetings were lively, and all committees functioned smoothly. Of course, the Club President must assume overall responsibility for these accomplishments which translates into the fact that Harry, WB2GSF, and his team are to be heartily congratulated on having guided GCARC through another banner year. Nice going Harry, Russ will have a tough act to follow. Fortunately, Harry will continue to serve as a member of the Board of Directors. Congratulations to Harry and Tony, WA2FZB, who in a very close vote, narrowly defeated N2CME and KA2KMW in the race for Director. Our new President already has firmed up the various committee chairmen (see title page) for 1983.

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WA2WGA, SILENT KEY

Most club members probably never knew Frank King, WA2WGA, which is unfortunate. Frank rarely attended a club meeting for reasons known only to Frank - yet he has been a GCARC member for nearly 22 consecutive years. Frank was a retired foreman with the N.J. Bell Telephone Co. and, prior to that, worked as a Western Union radio operator. Perhaps Frank was best known as a top CW operator and his trademark was perfect (almost machine-like) sending with few abbreviations, at 35 plus wpm. This writer has rarely heard CW as perfect as WA2WGA could produce and sustain. In fact, WA2NPD was Frank's first CW contact (on 40 M) after Frank obtained his call in 1961. Frank will be sorely missed by all his CW comrades, his friends, and club members who knew him. Our sincere condolences to those he left behind.

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CONSTITUTIONAL AMENDMENT APPROVED

By unanimous vote, the club approved a wording modification to our constitution in effect deleting the requirement that club funds must be kept within a Gloucester County banking institution. This change now gives the club greater flexibility in investing and depositing our funds in institutions which offer us the most attractive returns. Our newly created Investment Committee, chaired by WB2DXB, is expected to make suggestions helping the Board to decide on these matters.

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DUES ARE DUE

Let's see if we can help make our new treasurer's job easier by paying our dues this year, ON TIME!! Why not? Other miracles have been performed! Remember, it's a bargain \$7.50 if paid during the first three months of "83"; \$9.00 thereafter. See Bill, WA2VRY, before he comes looking for you! Thanks, Amen.

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LRP COMMITTEE NEWS

The Committee met on Dec. 21, at the KE2M QTH. Briefly, WA2NPD and K2RCH will meet with the County Freeholder in charge of grounds after Jan. 1 reorganization of the Board. K2HPV has tracked down the owners of the old NIKE Base near Swedesboro. WB2GES has prepared a financial forecast which, assuming an annual 10% growth in our Hamfest revenues, indicates that sufficient funds should be available within 5 years to proceed with a club house. KE2M will investigate the County vocational school as a source of design and construction. The committee will meet again in about one month.

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CONTEST CORNER

HO, HO, HO, it's almost time for Hamdom's oldest continuous DX expedition to "come up" again, as all good little harmonics hope St. Nick (mobile 2) QSL's 5x9 at their QTH! In recognition of this truly enjoyable season, let me extend best wishes to all for a healthy and Merry Xmas & New Year!

Well, on to business. First, a Two Land Contest Update. Announcements will definitely appear in February's QST + CQ contest columns. World Radio has not yet acknowledged receipt of our data and I am still pursuing the National Contest Journal. Volunteers are needed to help with various duties such as log checking, scoring, awards preparation, mailing, general correspondence, etc. Give me a call or see me at the meeting. Members with personal computers are particularly welcome! This contest is definitely ON and we must put our best foot forward!

January is a megapoint contest month featuring the ARRL's VHF Sweepstakes. This has been a very popular club event and, through your participation, GCARC has consistently scored very well. Many club VHF notables such as K2JF, WB2LNR, and WA2MMA, missed last year's event but will hopefully get cranked-up for this year's effort. Two meter simplex is popular and all club members are encouraged to get on and give those members in the contest a point.

January also features these events sponsored by 73 Magazine.

Jan. 8 40 meter SSB championship
Jan. 9 80 meter SSB championship
Jan. 15-16 160 meter SSB championship

plus a multitude of QSO parties.

STOP! STOP! February is a-comin - and with the ARRL DX contests can W2YC retain the W2SUA Challenge Cup? This attractive cup is awarded to the club member garnering the highest combined CW + SSB ARRL DX Test score. Recent scores indicate W2YC could now be in for some stiff competition. Also, the ARRL contest committee has changed the multi-operator rules significantly, creating two new classes - multi-op-single transmitter and multi-op-double transmitter. The new multi-single class offers a good opportunity to band together without tangling head-on with the big multi-multi stations. Now, the team concept seems more viable - any ideas?

"Big-gun" stations aren't needed to enjoy contest operating. 73 Magazine's recent 40 meter contest results showed 51% of the entrants used simple dipoles, inverted-vees or verticals. Jump in + help the club, you'll be glad you did!

Listed below is a partial list of scores received for November's contests:

SWEEPSTAKES

<u>Call</u>	<u>CW</u>	<u>SSB</u>
N2BCF	64440	66500
N2CQ	36428	--
WB2GES	--	11,904
K2HPV	--	25,200
N2BK	41,724	--
WA2OOS	--	141,784.

CQ WW DX

W2YC	?	465,432
WA2OOS	--	933,812
N2BK	21,560	2,430
WB2GES	12,036	--
K2HPV	5,820	--

Congratulations to N2BCF, WA2OOS and W2YC for FB efforts. Special thanks to N2BK, Bill is new to contesting and we look forward to more of his help and assistance! Overall, Sweepstakes scores look good and could place us well in the local club class.

See you at the meeting.

73 Dennis - WB2GES

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DA'S & DIT'S

Congrats to N2ASV and best wishes for a year of successful leadership.

The recipient of the K3WIL Service Trophy was K2JF. A good choice and well deserved.

A little bit here, there and everywhere - but the end result - KD2T is back on the air again with full equipment.

If you have items for sale (other than radio equipment) write to our editor, WA2NPD.

WB2VOH is home from Germany for the holidays. Perhaps he will be able to attend the meeting.

He sez: "Bless your heart and all the others" to K2PQD. The latter replied "what others"?

Although we know the weather is pretty cold, N2BWC is looking for help so he can get on the air.

WB2FZB met his nemesis again: RADAR. However, the outcome was on the bright side, thanks to WB2OYQ.

N2DYP, when you finish your rug-cutting, maybe you can come on the air more often.

WB2HVJ, stop ZHU from playing hookey, or else he'll be demoted.

As each day passes in "83 - health and happiness to all. HAPPY NEW YEAR."

The Eavesdropper

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10-10 NET ACTIVE

Did you know that there is yet another net in our area that some GCARC members belong to? Not too much has been said about this net

before, but this local chapter has been active continuously since Dec. 1970. This is the Delaware Valley Chapter of the 10-10 Net International and meets every Thursday night at 7:30 P.M. on 28.660 MHz. Anyone can check in and we will fill you in on the details of getting a 10-10 number and getting a very colorful certificate from the local chapter. Incidentally, there are almost 40,000 Hams who have joined the 10-10 International since it started in about 1964.

Come join us some Thursday night.

Bill, WA2VQG, Del. Valley Certificate
Mgr.

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DX DOPE - TNX TO SNEDXA ES KE2M

LEBANON. OD5LX will be on 28744 at 1130Z Saturday and Sunday for CW QSOS. QSL via SMØDGZ.

SVALBARD. JW5VAA and JW5IG have also been found on 28744 around 1200Z.

SOUTH ORKNEY. VP8AOE can be found Wednesdays at 0300Z at the low end of 14 MHz SSB, sometimes with QSL manager KØJW.

3Ø METERS. U.S. Amateurs are reminded to avoid use of the 1Ø.1Ø9 to 1Ø.115 MHz segment of the new band. Also, contacts on the 1Ø MHz band will not be creditable toward ARRL awards.

KERGUELEN ISLAND. FB8XR is expected to become active at any moment for a three month operation by F6GVX. In a similar operation, F6DWQ will operate FB8ZP from Amsterdam and St. Paul Islands for 11 months.

TRINIDAD AND TOBAGO. 9Y4PW has been quite active on the low end of 2Ø meters, around 14228 KHz at 1200Z. QSL to G4DXC.

MARION ISLAND. Rumor has it that ZS2MI will be on before the end of the month.

CHINA. A new Chinese station, BY1BC, is expected soon. The antenna is ready to go, but rig problems are delaying its start.

NEPAL. Four operators, including a YL, plan to operate from 9NI through January 1 on all bands, SSB and CW.

IRAQ. YI1BGD has been on recently on 1Ø and 2Ø meter SSB between 1200 and 1600Z. He is also sometimes on with JY3ZH on 1422Ø KHz at 0630Z.

HEARD ISLAND. The DXpedition plans are progressing on schedule. After departure on January 2, keep in touch via VKØSJ/MM.

TUNISIA. 3V8AA has been active on 28745 KHz at 1300 to 1400Z.

SYRIA. The Technical Institute of Radio will celebrate 35 years of amateur radio in Syria with 6C35A 6C35M 6C35N and 6C35O operating 8Ø through 1Ø meters, SSB only, between 0300Z Dec. 25 and 1300Z Dec. 26 and between 0300Z Dec. 30 and 0800Z Dec. 31.

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MEMORIES OF 1939 CODE SPEED CONTEST

by Hal S. Justice, W4TS

I was recently urged by Mr. Daniel B. Henderson, WA4QQN, on 2 meters, to write what I remembered of the code speed tournament at the hamfest in Asheville, North Carolina on 2 July, 1939. This is listed in the Guinness World Record Book as the all-time code speed. Mr. Rudolph Gibbs was chairman of the tournament and possibly president of the club. I was vice president of the club about that time, with Mr. Gibbs, but am not sure if it was the year of the tournament. Mr. Gibbs worked closely with Walter Candler, tournament sponsor, and he will know more details than I do, and can correct anything below if I am in error. Mr. Gibbs,

W4HX, is probably no longer in business on Biltmore Avenue, but the Callbook gives his address as Box 327, Weaverville, North Carolina.

Mr. Walter Candler had sold his Candler Systems and returned to his home town (Sylva, North Carolina) and joined the Asheville club. He largely financed the code tournament, managed it masterfully, so there was little for us to do.

The 4th of July hamfests were heavily promoted and attendance was usually 250 to 500 - a large turnout for the number of amateurs in those days. The George Vanderbilt Hotel was used most times, but the old Langren was used a time or two. I believe the tournament was held in the ballroom of the George Vanderbilt, but am not sure as the floor plan and ballroom arrangements were similar in location at both hotels, and memory dims.

Walter Candler had determined that he could bring his two top students for a tournament: L.R. McDonald, W8CW, who had won a tournament at 60 wpm in a hamfest in Detroit, 6 September 1937, and felt he could have done 10 wpm better; and Ted R. McElroy, who taught the Candler course at Harvard, and who once copied 69 wpm.

So, the tournament was announced, and there were 25 entries at the early deadline; another showed up due to error, making 26. A typewriter manufacturer (I believe Remington) prepared 25 matched machines and shipped them to an Asheville dealer. The 26th was another make borrowed from the hotel office.

McElroy was a flamboyant, outgoing and confident person. McDonald was the opposite - very quiet and reserved, one who could be taken for a minister or a judge. A rather large man, and he was also confident. He mentioned to me that the loser would probably be the one who first brushed an adjacent key, accidentally.

Several club members had duties during the contest. I was one of three who observed during the contest, as best I remember. We had absolutely nothing to do.

The tournament started about 2:00 pm, with tables and chairs just off-center of the ballroom. Spectators were not excluded; Ted McElroy liked spectators, and McDonald had no objections. No one else objected, so over a hundred amateurs watched. Some lined the walls, but most stood in the opening, or area between the ballroom and the lobby. All were well-behaved and there was no distraction whatsoever.

The first round was run (I believe) at 35 wpm. About half of the contestants dropped their headphones. At 50 wpm, only one or two were left besides McElroy and McDonald. At 55 wpm, only McDonald and McElroy were left. There was a "breather" after 60 wpm, then they battled it to 72 wpm. I do not remember the exact details after that point. I had thought the final speed was between 73 and 74 wpm, but Guinness is undoubtedly right about 75.2 wpm. I do remember McDonald removing his headphones and McElroy typing on for a few moments after the code machine stopped. Then McElroy showed his jubilation for a few minutes.

Walter Candler passed away around 1941 or 1942.

(from Worldradio December 1982)

Now you know the story from someone who was there. Ed.

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LEGISLATIVE NEWS - TNX TO K2JF

On October 22, 1981, the Commission amended Part 15 of the rules, basically expanding the scope of the garage door opener rules to cover security alarm and other radio control devices by permitting them to

operate above 70 MHz -- except in certain sensitive frequency bands -- at levels previously reserved for garage door control transmitters. Additional limitations were placed on bandwidth and spurious or harmonic emissions, and a new band of 40.66 to 40.7 MHz was provided. It also retained a provision in Part 15 for general purpose semi-continuous transmitters under which most radio control devices used in security and other applications had operated previously with reduced versatility.

ARRL contended that because Amateur stations operate at high power levels in residential areas close to homes having burglar alarms and other security systems, there is a high potential for Amateur stations to jam these systems or trigger a false alarm. Moreover, radio control and security devices could interfere with Amateur stations. Therefore, it asked that the 144-148, 220-225 and 420-450 MHz frequencies allocated to the Amateur Radio Service be excluded from use by radio control and security alarm devices.

In reply, the Commission noted that because of possible susceptibility and interference problems which might occur between security alarm systems and/or high power radio operations, it would expand Part 15 to alert manufacturers to consider, in designing equipment, susceptibility to Amateur radio and other high-power operations and to avoid operation on frequencies used by high-power stations.

As for ARRL's contention that because the Commission's action did not follow the Administrative Procedure Act it should issue a stay and further notice of proposed rulemaking, the Commission said this was unnecessary and contrary to the public interest since all requirements of the Act had been followed and ARRL's unchanged concerns were considered before final rules were adopted.

(Watch all the garage doors go up and down
as you call CQ - de K2JF)

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HAM RADIO OPERATOR AIDS STRICKEN SAILOR AT SEA

A Norfolk emergency-room doctor, his medical instructions relayed to sea by an amateur radio operator, may have saved the life of Louis Nielson of New Hampshire. During mid-November, ham operator James R. Geisinger, K3QQN, of Virginia Beach, Virginia, received word on the 14.313 MHz Maritime Mobile Net that a doctor - preferably a cardiologist - was needed at once to assist a stricken patient at sea. From the 36' ketch, "Escapade", located some 300 miles southeast of Bermuda, Sam Baldwin (K1GYC), owner and Captain had radioed an emergency SOS on ham frequencies that previous heart patient Nielson was ill and having severe chest pains. The SOS was picked up by Bill Lady (HR1BL) in Honduras who sought assistance from the net.

While many amateur operators were involved, it was Jim Geisinger, a ham since 1960, that orchestrated the effort to save Nielson. Geisinger moved off of the 14.313 frequency (to 14.317) and worked through the night to relay messages to and from the Coast Guard and an emergency room physician at Norfolk's Leigh Memorial Hospital to a nurse aboard the U.S.N.S. Waccamaw, a naval service vessel that eventually found the Escapade.

The drama was heightened by 15-foot seas and a five-hour attempt by the Coast Guard and the crew of the Waccamaw to pinpoint the location of the ketch. In continuous squalls and turbulent seas, Nielson was hoisted using a cargo crane aboard the Waccamaw, a naval oil ship, in a boatswain's chair - a device used to transport people from one vessel to another. Once aboard the Waccamaw, Nielson was treated by a Navy nurse who received instructions from the physician at Leigh Memorial - relayed

through Jim's ham radio. The ship's radio room received the instructions and the radioman phoned them two decks below to the nurse for follow through. Nielson said that he had had two heart attacks and was on heart medication.

The story has a happy ending. Louis Neilson is out of the hospital now and while it was not decisively determined that he had a heart attack, thanks to ham radio he was quickly found at sea and administered to. Chalk another life saving mission up for amateur radio. An extensive account of the drama was also written up in the November 14th Norfolk Sunday newspaper adding very favorable PR to our hobby.

(Tnx to W5YI Report es K2JF)

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FCC DENIES HF VOICE PRIVILEGES TO TECHNICIAN CLASS AMATEURS

A group calling themselves "The Policy Council for the Amateur Service" (whoever they are) petitioned the Commission on Sept. 16, 1982, seeking changes in the Commission's rules for the Amateur Radio Service to authorize the 29.0 to 29.7 MHz portion of the ten meter band for use by amateur Technician Class operator licensees, with voice privileges. The petition was signed by a Mr. Wilson E. Anderson. The 29.0-29.7 MHz portion of the ten meter band is only authorized for use by General, Advanced and Amateur Extra Class licensees.

In denying their request, the FCC's Private Radio Bureau Chief Jim McKinney said that the Commission "gave exhaustive consideration to the privileges of the Amateur Radio Service operator license classes in Docket #20282, NPRM, released December 16, 1974...The Commission initiated the rule making in response to some 35 petitions requesting changes in the amateur radio operator license classes and received approximately 4,000 comments...It is clear that the Commission has already given extensive consideration to the issues raised by Mr. Anderson...(and that) no new facts or novel issues...warrant further consideration"

(Merry Xmas to all the Techs! Tnx to K2JF es
W5YI Report)