

CROSSTALK

Published By And For The  
GLOUCESTER COUNTY AMATEUR RADIO CLUB, W2MMD

G.C.A.R.C. OFFICERS

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Vice President	Tom Gordon, KB2GI
Recording Secretary	Len Kravitz, KD2CR
Corresponding Secretary	Howard Hirst, K2QGH
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\* \* \* \* \*

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Data		Repeater:	Harry Maxfield, WA2VXT,
Processing:	Charlie Sketchley, K2PQD	Business Mgr.	
Demonstrations:	Walt Ashton, WB2OYQ		

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CROSSTALK STAFF

Doug Gehring, WA2NPD, Editor	Ed Sumeck, W2GSN, Printer
Pinky Wilson, Typist	Al TrueBlood, KA2KGD, Circulation
John Sutocky, KB2GL, Printer	Milt Goldman, K3WIL, Publisher

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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 PM.

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

Deadline for submissions is 10 days before Club Meeting.

PRESIDENTS MESSAGE - JANUARY 1984

I have been given the great honor of being the club President during this year, the 25th anniversary of the clubs existance. This is a special cime for all club members, both new and old. Although there are not many of our charter members still with us, there are many speaking for myself as well as the other Officers and Directors of the club, we hope to make this Silver Anniversary year one of interest to one and all through several anniversary related activities as well as the usual yearly club activities. Of course, the year will be only as good as the club members make it. Participation is the name of the game and I hope that each and every one of the club members takes the time to participate in at least one of the activities planned for this year. Let us not forget that it has been through the hard work of many club members during the past 24 years that the club is what it is today. Lets all work together, celebrate, and grow.

I hope everyone had a happy holiday and look forward to seeing you all at the January meeting.

Harry - WA2VXT

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ARRL President Dies

Although nearly a month has passed since this most unwelcome news was received, GCARC wishes to acknowledge the passing of Vic, W4KFC, who was by general consensus, a most outstanding president. Indeed, Vic has been compared with Hiram Percy Maxim, and rightly so. Our sincere condolences to Vic's family.

NEW SLATE FOR "84", - ANNIVERSARY YEAR

Congratulations to the following New Officers who were unanimously elected at the December meeting to lead the Club in the upcoming 25th Anniversary year!! Harry Maxfield, WA2VXT, President; Tom Gordon, KB2GI, Vice President; Len Kravitz, KD2CR, Recording Secretary; Howard Hirst, K2QGH, Corresponding Secretary; Bill Kardas, N2BK, Treasurer; Tom Brant, N2PBN, and Chris Kelly, KC2PC, Directors; Bill O'Donnell, WA2VRY, and Charlie Sketchley, K2PQD, Trustees. Refer to the inside cover page for the complete list of officers and committee chairmen (and chairladies), although, some changes in committee chairmen will probably be introduced as the year progresses.

In retrospect, 1983 was certainly another gold banner year for the Club (for a near - complete list of new and old activities refer to the Presidents message of last month). In particular, some new major activities were added this year including the Repeater acquisition, the Demonstrations Committee, a new Club Copier, the Data Processing position and the Club Suggestion box. The participation and cooperation of many individual members obviously was crucial to the success of these ventures. However, nowhere was the success of 1983 more evidenced then in the quality job performed by our immediate past president. Russ, N2ASV, must receive the lions share of the plaudits for the outstanding 1983 record. His leadership, patience, understanding, and direction were examples of a textbook president. We were indeed for-

tunate to have had Russ at the helm. His replacement, Harry, WA2VXT, will have a large pair of shoes to fill. Fortunately, for those who know Harry well, this shoe-filling job should not be an impossible task, for Harry is another competent, intelligent, clever guy. Lets all get behind Harry and see if we can create a miricle, i.e. make "84" a better year than "83".

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### JANUARY PROGRAM

By now you are all aware of the computer interface project presented by N2SS and WA2USI. Well, for this months program the guest speaker will be none other than Jim, N7BIT, who actually designed the interface. Jim will talk about computer interfacing and particularly about his design. Expecially you computer buffs won't want to miss this one. Also, Jim, N2AKI, promises that the coffee will be hot !! CU There !

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### Club Noise Bridge Project Delayed

Charlie, K2PQD, informs that the complete kits are all ready to hand out except for one critical component - the variable capacitor of the proper quality. And it will take a few more days for these to arrive. Hence, the kits will be distributed at the February meeting - instead of January. (After all these years of going without a bridge - what's one more month). Ed. Note.

P.S. Don't forget to pay for your kit !

### SANTA SKIPS - IN ON 2 M

In a rare instance of F-layer skip on 2 Meters, Santa Claus was overheard accepting Christmas orders from bedfast harmonic patients at Kennedy-Stratford Hospital and some other tots who otherwise could not get out to visit Santa in person. This club project, another excellent venture by our Demonstrations Committee, must certainly be credited as one of the best ideas to come-along anywhere-anytime. Handling the Hospital communications link were Tom, N2BPN, Walt, WB2OYQ, Harry, WA2VXT, and Darrell, N2DIY. The star of the show was Santa - none other than Charlie, K2PQD, who sounded and performed more authentically than Santa himself. Really a great job guys -- and a lot of kid's lives were really brightened with the thrill of talking to Santa in person.

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### CROSSTALK ANNIVERSARY COVER

CROSSTALK has taken to lead in initiating the Clubs 25th Anniversary by unveiling a new silver cover to commemorate this GALA event!! It would not be difficult to guess the covers' designer, initiator and procurer -- none other than our clubs artist - in - residence Milt, K3WIL. Again, our sincere Thanks to Milt for his hard work and genius.

Milt Goldman Service Award

Its time again for the presentation of the 3rd Annual Milt Goldman Service Award to the club member which the officers and directors feel has contributed of him/herself unselfishly through time and effort for the betterment of the club. Plan to attend the January meeting. Who knows, you may be the recipient.

Harry, WA2VXT

Repeater Update

Some of you may not have heard the good news. The FCC has confiscated the offending Clock radio in Pitman and given the resident a new one in exchange. Since the last week of November the 2-meter repeater has been quiet.

We have obtained permission from Washington Township to place our 44Ømhz repeater atop one of the water tanks in the township. This is one of the highest locations in the area. The machine will be operational shortly from a temporary location (WB2FJE's OTH) pending installation at the tower. The input of the repeater is 447.1ØØ mhz with the repeater output on 442.1ØØ mhz. The repeater is equipped with PL on the input, however, the PL will not be utilized for the time being. See you on 44Ø!

Harry, WA2VXT

Congratulations to --

Bill Datz, who is now a new Novice. His call arrived the day before Christmas, hence his new Xmass gift is: KA2TRP. (Not a bad CW swing-).

N2SS and W2YC who picked-off the weak signal from VU7WCY/.

DUES R DUE

Get to meet our new Treasurer at the January meeting. You will find him an even more pleasant guy if you have your 15 bucks to give him.

John, WB2GKH

John Kull, WB2GKH, personified the rare person who could honestly admit that he never made an enemy his entire life. John's good nature and congenial personality were infectuous. You couldn't talk to John more than 5 minutes before realizing that somehow all your troubles and problems had disappeared in the pleasant atmosphere created by John's presence. He was simply a super guy -- always willing to talk to someone or help in any way he could. He always seemed more concerned with the other guy's welfare (or gals) and rerelegated his own problems to some dark, hiddin recess. He was truly one of the pillars of GCARC having served with distinction as a Director, Treasurer, Trustee, House Chairman, and a hard working member of numerous other committees - notably the Hamfest, Field Day, etc. John epitomized the expression "reliability". If you wanted something done correctly and on-time, then give it to John. Even, in recent weeks when John had to be in pain, he continued to act and behave as if all was well.

We will surely miss John -- both as a GCARC worker and as a dear friend. Our sincere regrets and sympathies are extended to his XYL and family.

BOARD APPROVES ANNIVERSARY  
YEAR ACTIVITIES

As outlined in last month's CROSSTALK, the Club Board of Directors has unanimously endorsed the report of the 25th Anniversary Committee for the special events proposed for 1984. In commemoration of the Silver Anniversary, the following special (and regular) events will be held:

March 7th	Open House
March 24th	Public Demonstration
April 15th	Jaycee Bike-Hike
May 5th & 6th	Special Event Weekend
June 23rd & 24th	Field Day
July 22nd	Cancer Bike-A-Thon
August 25th	Hamfest
Oct. 6th	Woodbury Fall Festival Parade
Oct. 20th	Banquet & Dinner Dance

Naturally, additional club member help will be required to successfully implement each of these activities. So look over the list carefully and see which event (s) interest you the most. Then help-out when the time comes.

4 - SALE

1. Sony ICF5900W portable AM/FM/SW RCVR, Built-in xtal calibrator, BFO. Also, optional AC3W AC Supply - a steat at \$65.00.
2. Cushcraft A 147-20T, 20 elem., cross polarized 2 meter beam. Cat. price is \$79.95. Won as a door prize. Best offer gets it.  
For above 2 items contact Tony, N2SS;

1. IC 701 HF Rig, 10-160, dual VFO, amp. mike, no pwr supply, mint cond. \$475.00.
2. Color TV, Sylvania, portable & cart, good condition and picture. \$150.00.  
For above 2 items contact Ed, WA2PFC

1. Robot 400 SSTV, converter, mint cond. \$300.00
2. Atronics keyboard with memory, mint. cond. \$75.00
3. SX 25 RCVR, Hallicrafters, \$25.00  
For above 3 items contact Sam, WB2BWL

HQ-170C Hallicrafters Super Het RCVR, triple conversion  
Gud Cond. \$60.00.  
Contact Doug, WA2NPD

DA'S & DIT'S

W2MMD would like to extend a Happy Twenty-Fifth Anniversary to GCARC.

K2PQD (SANTA CLAUS) and his helpers - N2BPN and WA2VXT did an excellent job at J.F.K. Hospital helping the children talk to Santa via Ham radio.

A reshewing of a TV movie - "Shuttle in Space" was presented at our meeting by W5LFL and was enjoyed by all.

Ain't it the truth! During long drives during rainstorms, sez WA2TML, he gets goggle-eyed looking at the wind-shield wipers.

Anyone seeking the elixir for longevity, contact the Ponce de Leon of the air waves - WA2VEE.

K2JF our recipient of the K3WIL Service Trophy Award for '83 will present the honor to the "84" winner at the meeting. Guess who?

Someone would like to know if WA2MMA made official contact with W5LFL?

A resolution for the New Year, - WB2GSF threatens to write a book entitled "How to make money".

N2DYP is now KD2Z.

WA2VQG has now joined the retiree ranks. Enjoy - have fun.

Understand that the "hottest" antenna in town belongs to KE2M. It literally is so hot -- it smokes! Even the Fire Company was alerted!

de Eavesdropper

VIC UPDATE

(TNX to Len, KD2CR)

This version of the Hamsoft for the VIC-20 has a new feature not available on the original program. We have added the ability to save the message ports to the VIC Tape Cassette.

When the cassette is attached to the computer, as instructed in the VIC Recorder manual, you store the message ports in the following manner:

1. From the Hamsoft menu choose the Message ports mode.
2. Once in the message ports mode depress a CTRL-S command. Press the CTRL key and hold it down while depressing the S key.
3. Now a command to PRESS RECORD & PLAY ON TAPE will appear on the screen. You should depress the record and play buttons on the tape recorder.
4. Next a SAVING remark will appear on the screen. The recorder will operate and begin storing the message ports to the tape. The process should take about one minute.

5. When the process is complete the recorder will stop and the SAVING remark will disappear from the screen. This means the message ports are stored on the tape for future retrieval. Press STOP on the recorder and rewind the tape to the point at which you began.

To load the messages saved on tape into the Hamsoft message ports you take the following steps:

1. Again, you must be in the message ports mode of the Hamsoft program with the VIC Tape Recorder attached to the computer.
2. While in the message ports mode depress the CTRL-L command. Depress the CTRL key and hold it down while pressing L.
3. Now a PRESS PLAY ON TAPE remark will appear on the screen. You should press the play button on the recorder.
4. A SEARCHING remark will appear on the screen while the computer looks for the information stored on the tape. Once the tape reaches the right spot the remark on the screen will change to LOADING.
5. Once the message ports are loaded back into the HAMSOFt the tape recorder will stop and the remark will disappear from the screen. Press the stop button on the recorder. This signals the end of the process. Again, this should take about one minute. The message ports are now in the computer program and can be operated in the normal fashion.

The VERIFY command mentioned in the VIC manual cannot be used with the Hamsoft message port saving feature. Therefore you must take special care to denote the spot on the cassette to which you save the message ports. The tape must be cued properly for you to recall the stored information. We recommend that you use the beginning of a cassette to store your message ports.

#### GCARC DXCC LIST

It's been a long time since the last list was published - the new totals indicate alot of attention being paid to DX - .sure proves you can't work-'em unless you hear-'em-recent conditions haven't been easy.

<u>CALL</u>	<u>HANDLE</u>	<u>MIXED</u> <u>VERIFIED</u>	<u>TOTAL</u> <u>WORKED</u>	<u>VER.</u>	<u>CW</u> <u>TOTAL WORKED</u>
W2SUA	Shorty	330	330		
N2SS	Tony	328	330		
WA2VEE	Bill	303	303		
N2ATD	Bud	293	298		
WA2OOS	Tom	273	297		
WA2NPD	Doug	265	278		
K2JF	John	262	271	180	200
W2YC	Dave	260	275	200	226
N2CQ	Ken	234	236		
KE2M	Tom	227	255		
W2YZ	Barry	210	253		
WA2PFC	Ed	100	114		

de W2SUA

DX DOPE - TNX to KE2M

Cape Verde, D44BC, on 40 M SSB Sundays from 0500 GMT on. QSL to Callbook adr.

According to QRZ DX, AGXWT, United Arab Emirates is back in the USA and plans to send a copy of his U.A.E. license to the League.

Taiwan, I2MQP/BV expedition made 5,300 QSO's, 3,200 on SSB - the rest CW. Poor propagation limited the number of QSO's made - especially with the USA.

VU7WCY/Laccidives has had their license extended to March 31. A second group plans to operate beginning either the First or Second week in January. A 3rd group plans to begin operations in February with a beam and linear, etc. (TNX to N2SS for this info via VU2CK).

Sable and St. Paul now have new permment calls for DXpeditions, namely CY9SAB and CYØSPI respectively. Don't hold your breath for the CYØSPI QSL's from last September, over 20,000 QSO's were logged.

XT2BR, upper Volta - now active on 20 meters, SSB, around 0100Z.

AMATEUR RADIO

Q M N H U U Y N P V Y X N T P V F Y H X  
 Q X U I U B Q A X H N I W C D W W M I S  
 K Y G Q J T A Y U T R A N S C E I V E R  
 M F L M B U A B M R S P N B W E A Y T K  
 H Y N T G G E T O Z X G B J F G C Z J N  
 C H Y D I A C T G R R Q Z J A A V C K Q  
 T N G E J D A I T C A S T A T I O N X S  
 T C J O K T Q U N J R E X Q D Q M M C D  
 L L W U O R E K A E P S N C O U K A W A  
 K P O R R Z G Q R N O O B I C L L E J M  
 W Z Y G U D E E O A Q Q N D L L A B J O  
 A P S C I H V U C T R A N S M I T T E R  
 T C K P I I A Q C O G F R I A F R V R Q  
 T T O A E F Q X M L A Z U K T D L T D R  
 M L Z C A D H U R A N N E T N A T P J R  
 E C E K R U H V A Y L W Z E I I S I G O  
 T R Y E T J X I H D Y G C C R L D D Q T  
 E X H B F W Y F E J R F T H C Q V N K L  
 R U X D M U E N O H P O R C I M W G S Z  
 G F U C A C T W F L O P N F X T X Q C K

Find these hidden words in the above puzzle

ANTENNA	BEAM	CALL	DIPOLE	DXCC	
KEY	LINEAR	LOG	MICROPHONE	QSL	
QUAD	RECEIVER	ROTATOR	SPEAKER	STATION	
TRANSCEIVER	TRANSMITTER		VHF	WATTMETER	YAGI

TNX to Tony, N2SS  
 Answer Next Month



## NO-CODE BURIED

"Basically I feel the item is a report on the health of the Amateur Radio Service. The Amateur Radio Service is well, it's thriving, and it's providing an excellent service to the American public." With these words Private Radio Bureau Chief Robert Foosaner introduced the staff recommendation to the FCC Commissioners that the "No-Code" proposal (Docket 83-28) be dismissed "for keeps." Almost 5000 comments were filed, running 20 to 1 against removing the code requirement.

Foosaner said that in reaching the decision, the Private Radio Bureau considered three questions: (1) Is the Amateur Radio Service growing? (2) Is the code an unnecessary barrier to young computer-oriented individuals? (3) Is the slow-speed code requirement discriminatory against handicapped individuals? Question one was answered by statistics showing that in 1930 there were 30,000 licensees; in 1975, 300,000 and in 1983 well over 400,000. On the second point, Foosaner noted that although the code test is something one must prepare for, it requires a minimal amount of study to pass the slow-speed exam. Finally, Foosaner read a portion of the comments filed by Handi-Hams, which reported that they had trained over 5,000 severely handicapped individuals in the skills needed to pass Amateur Radio examinations. For some of these individuals, Morse Code is the only mode that they are capable of using!

"In conclusion," the bureau chief said, "I strongly recommend that we maintain the code requirement, we endorse the Service as it is, and we bury the concept of 'no-code.'" Ten months ago few hams would have expected this statement to come from the FCC staff. But that is what the staff recommended, and a few minutes later the FCC Commissioners voted unanimously, to keep the Morse Code requirement for all classes of ham licenses in the United States.

Chairman Mark Fowler made these concluding statements:

". . . I think this is the right decision; we can put it to rest once and for all and I agree with the item . . . Radio amateurs have contributed vitally to our country just recently; they were stalwart in their services in performing communications with Grenada . . . The Code sometimes is very important, indeed even critical for getting the messages through . . ."

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ARRL President Carl Smith, WØBWJ, sent this "thank you for no no-code" telegram to FCC Chairman Mark Fowler on December 15:

"Your remarks yesterday morning at the FCC Open Meeting, regarding the usefulness of the Morse code and the contributions of radio amateurs to the country, are deeply appreciated by the Amateur Radio community. Please accept our congratulations and thanks for the way in which you, the other Commissioners, and your staff have handled this important item. In putting the no-code issue to rest once and for all, you have demonstrated a commendable responsiveness to the people you are appointed to serve and have given the radio amateurs of the United States a fine Christmas present."

TNX to the "ARRL LETTER"

(Buried -- until the next time, de Ed.)

LEGAL HAPPENINGS,  
TNX to Westlink es K3WIL

THE CONTINUING BATTLE between George Goumas, N6AFW, and Cerritose, California, has moved to where the city is filing a Motion to Summary Judgment against Goumas for dismissal of the case. Statements made by ARRL attorneys to the City Attorney have caused some bad feelings to be expressed by Mr. Goumas and his attorney, Fred Lawson, K6JAN. Regardless of the friction that may have occurred between certain employees of the League and Mr. Lawson, the ARRL is attempting to lend assistance in this very important and precedent-setting case.

Southwest Division Director Jan Holladay, W6EJJ, attorney Joe Merdler, N6AHU, and some expert witnesses met for about 4 hours with Mr. Goumas, Lawson and Carol Greene, KK6V, another litigant. The purpose was to determine what manner the ARRL may assist in prosecution of the case. The suit stems from the passage of City Ordinance #609 in March of 1983. It restricts antenna structures to be capable of heights no greater than 40 feet, no "active element" of which can be longer than 15 feet, etc. Although one antenna was permitted as high as 70 feet with a "Conditional Use Permit" (Carol Greene's) the city since passed an "Emergency Moratorium" that halts completely any installation of new antennas in the city. Even though 22 of the 23 paragraphs of the original ordinance were poorly and improperly written, and a court has since ruled that the moratorium was not legal, the city continues to make motions and delay court review of the law.

A city has virtually unlimited resources and can fight a court case for what seems forever. The individual, in this case a radio amateur, must hang in there for every maneuver in order not to allow the city to win by default. It should be pointed out that even the lawyers representing hams in cases like these often take a terrible beating financially, in addition to giving up what could be 10's or 100's of thousands of dollars in fees. Also, they lose time that could be used to prepare and argue other cases which could earn substantial fees for them.

PUBLISHER'S COMMENTS: Perhaps it is time to set up a legal fund to ensure that important cases like this one receive support. Both the amateur community and those businesses that make and sell amateur gear are adversely affected by this type of misguided regulation and should be more than willing to contribute. Protecting ham radio from the shims of local jurisdictions who are more concerned with a pretty skyline than with individual rights must be made to back off. You can pressure your representatives in Congress to amend the Communications Act to make clear Federal preemption in the regulation of radio installations. I would enjoy (and may print) your opinions on this or any other matter of importance to amateur radio. DE WB6MQV.

(Ed Note, "Should GCARC take some initiative here ?)