

CROSSTALK

MARCH 1964

VOL. 6 NO. 3

 * WA2IVZ WINS HAMSHACK INSPECTION CONTEST, STORY ON PAGE 10 *

 * GCARC VISITS WHYY TELEVISION, STORY ON PAGE NINE *

 * GCARC TO HOLD WHITE ELEPHANT SALE AT MARCH MEETING *
 *

* The regular March meeting of GCARC, to be held on March *
 * 4th, will be the scene of the annual white-elephant sale. *
 * Members are urged to bring goodies and junk to be auc- *
 * tioned off by K2PQD. All proceeds of the sale will go to *
 * the club treasury. Members are also urged to bring money. *
 * This months motto, "HELP KEEP GCARC GREEN!" *

 * MARCH IS THE LAST CHANCE YOU WILL HAVE TO PAY YOUR DUES *
 *

FULL MEMBERS \$4.00

ASSOCIATE MEMBERS \$2.00

* IF YOU ARE MORE THAN THREE MONTHS IN THE REARS YOU CAN *
 * BE DROPPED FROM THE GCARC MEMBERSHIP ROLLS! *

CROSSTALK.....

is the official publication of the Gloucester County Amateur Radio Club, Inc. Dead-line for submission of material for publication is the 20th of the month. Any material contained in this publication may be reproduced by any non-profit amateur radio organization.

EDITOR Jack Layton K2JKA

PUBLISHER Clif Brown WA2KGD

MEETING NOTICE

THE REGULAR MONTHLY MEETING OF THE GLOUCESTER COUNTY AMATEUR RADIO CLUB WILL BE HELD ON MARCH 4TH AT THE OWENS-ILLINOIS CLUBHOUSE IN GLASSBORO NEW JERSEY. THE MEETING WILL START AT 8 PM.

don't forget to....
"SAY YOU SAW IT IN CROSS-TALK".....
even if you didn't

LAST CHANCE TO PAY YOUR DUES IF YOU ARE THREE MONTHS IN THE REARS YOU CAN BE DROPPED FROM THE MEMBERSHIP ROLL

de K2JKA

On page 5 of this issue there appears an article entitled "TEN YEARS AGO" It's purpose is twofold; for your reading enjoyment and in hope that one of the old timers in the club will pick up the hint and come up with one for next months issue entitled "THIRTY YEARS AGO" or maybe even one better "FORTY YEARS AGE"

After the February issue of CROSSTALK arrived in the hamshacks through out the county, I received much favorable comment on both the quality and quantity of it's contents. Thank you for the flowers.... however the real bouquets should go to the club members that contributed to the success of this issue! I am pleased to see that so many of you are showing an active interest in this publication, while at the same time I am urging the rest of you to help me to fill the pages of the other nine issues which will be published in 1964! We can use full length articles tid-bits for KILOCYCLE CHATTER and items of interest for the OPERATING TIPS COLUMN.

One thing that seems to be lacking in CROSSTALK are articles of a technical nature.....simple construction articles. I think that we need this type of contribution to the paper.

It is impossible for me, as editor, to know everything that goes on in the county, thus when some thing happens, jot it down on a post card and mail it to me. EVERY NEWSPAPER NEEDS REPORTERS!

SPARK TO HOLD SWAP--SHOP

The South Phila. Amateur Radio Klub will hold a swap-shop plus auction at the Childs School, 17th and Tasker St. in Phila. on Sunday March 15th. You are invited to participate by bringing equipment that you want to sell or swap. Time is from 1:00 to 6:00 PM. There will be a charge of 5% on anything sold at the affair. An admission charge of 50¢ will be in effect for the swap-shop. For more information contact Ray Gianchetti WA2CUB,

FCC RULES RENUMBERED

The FCC has recently rearranged most of it's regulations so that they will conform in style to other titles of the U.S. Code. The rules governing the Amateur Radio Service have been redesignated from part 12 to part 97.

WWVB AND WWVL SCHEDULE CHANGED

The National Bureau of Standards very low frequency stations WWVB and WWVL have cut service to six hours a day. They are now operating daily from 1630 to 2230 UT.

HAM RADIO.....THIS MONTH

MARCH 4 GCARC Meeting
MARCH 14-15 DX Competition (phone)
MARCH 17 CP Qualifing run WIAW
MARCH 19 GCARC Board Meeting
MARCH 28-29 DX Competition (CW)

WA2KWM made page 59 of the February QST!

MARCH 4TH IS MEETING NIGHT ! !

ECHO REPORTS SOLICITED

In connection with reflective satellite ECHO II amateurs are requested to record all received signals believed to be reflected from ECHO II and notify ARRL immediatly regarding the nature and extent of observed irregularities as evidenced by variations in signal strength or tone. Please describe in as much detail as possible, identifying the calls received and indicating the time and date of the reception. State weather circular polarization was used at either end and describe the tracking methods used with each stations antenna. Do not send recordings unless requested to do so.

GCARC TO HOLD WHITE ELEPHANT SALE

BRING YOUR GOODIES and junk TO THE MARCH MEETING, IT'S WHITE ELEPHANT SALE TIME AGAIN. THE WORD IS OUT THAT K2PQD WILL BE THE AUCTIONEER. ALL PROCEEDS WILL GO TO THE CLUB TREASURY TO HELP COVER THE DEFICIT THAT THESE LARGE ISSUES OF CROSSTALK ARE CREATING! SKETCHLEY HAS PROMISED TO COME EQUIPPED WITH A LARGE NUMBER OF ELEPHANT JOKES TO TELL DURING THE PROCEEDINGS!

DID YOU KNOW THAT

.....on the moon there is no such thing as sound waves? Due to the lack of atmosphere, there are no air particles to serve as a medium of propagation for sound.

tnx to a place mat at Beck's Restaurant

KILOCYCLE CHATTER

WA2TSD is recovering from a foot infection.

WA2SFY has 110 AC across the key in the hamshack! WOW!

a wife's comments on.....

THE HALF BAKED HAM

.....by Ruth Sketchley XYL of K2PQD

The Amateur is a different breed,
with a language all his own.
He does his communicating,
on CW land-line or phone.

Alpha, Pa-pa and Delta
are phonetics for his call,
And if he meets you face to face,
you're enjoying an eye-ball.

He works like a slave to get RF
out of his precious shack.
And then has meters in the place,
to see if it's coming back.

Though he is young, he's called old man
and sometimes suffers from TVI.
But there's nothing wrong with his rig,
it's always the other guy.

Have you ever lived at a QTH,
with QR Nancy or Mary.
I wonder if A double RL,
prints an amateur dictionary.

He sounds like a normal fellow,
with a name like Tom or Jeff.
But who else would use a hearing aid,
when they aren't even deaf.

I've met a few both near and far,
in my vacation days.
And of all I've seen they're funny
in a lot of different ways.

Oh yes they have a set of rules,
that apply to both man and kid.
If you don't soon learn to zero-beat,
your handle is known as lid.

On the air they spend a lot of time,
as many XYL's will tell.
But just be thankful ladies,
that they're not outside raising heck.

I know they might sound wacky
but let me put you wise.
Of all I've met I must admit,
they're a decent bunch of guys.

EDS COMMENTS: This poem was written in it's entirety by K2PQD's XYL with absolutely no help from the OM. It proves that you would be surprised to find out just how much the XYL knows about what goes on in the ham shack!

HAM RADIO IN THE U.S.S.R.

Last month we gave you some information on licensing in Holland. Here's a report from the USSR thanks to UA3DR.

1. Short wave listeners must pass an electronics exam and a modest code test. This exam is said to be more difficult than the US Novice exam.

2. An individual who can pass a 12 WPM code test and build a transmitter is issued a license to operate on 80-40 and 10 meter CW with a power not to exceed 10 watts.

3. A still harder test and increased code speed, gives the licensee the 20 meter CW band in addition to 80-40 and 10 CW.

4. To use AM, SSB or more power on CW there's a USSR test said to be equal to our Extra Class and an 18 WPM code test.

WATCH THAT LOWER 100 KC. ON SIX

With spring just around the corner, no doubt the VE's and maybe even VP7CX will be returning to six meters. A word of caution, in the US we are not permitted to operate AM below 50.1 mc. Watch your P's and Q's when zero beating a station outside the US. More than likely he will be below 50.1 mc. DX is permitted there, we are not. AVOID A PINK TICKET!

Looking back.....

TEN YEARS AGO

.....by Jack Layton K2JKA

Some people say it is bad for the mind to dwell on the past....however in addition to asking ourselves "Where Are We Going" it sometimes can be most informative to ascertain just "Where Have We Been" This year marks the tenth year of hamming for me. Let's run our time machine back and see just what it was like in 1954!

I can see it now...the old J-38 key plugged into my most prized possession...a 15 watt 6L6 crystal oscillator.. my war torn surplus headphones connected to my version of the 75A4...a two tube regenerative receiver. That was the year when most of the real old timers were getting used to the fact that the general class licensees were now inhabiting their beloved 75 and 20 meter phone bands! While running my two tubes across the 75 meter phone band I can never remember hearing two hams arguing on the air. Single Side Band was just making it's debut on the 75 meter band, there were quiet discussions on the merits of SSB over AM. Very seldom was an ill word spoken in anger because one was QRMed. The word LID was almost unheard of.

The family of hams seemed to get along much better then they do now... just ten years later! Amateur radio operators were a close knit group... much closer than they are today.

There I was, as big as life, sporting a brand new ticket...I was proud of that piece of paper in those days... I am sorry to say that I meant much more to me then than it does now...why? Well, I suppose that hams were just different then...they were always ready to lend a helping hand...I can remember sitting with the phones on for hour after hour, just listening...picking up bits of information about antennas... transmitters...receivers! Yesterday I sat down, just ten years later, and listened...what did I hear, a chap in Vermont using abusive language while referring to the ARRL...the organization that has done more for ham radio than any other now in existence...if there were no ARRL he probably would not have

the frequency on which he was operating ...then there was the guy from Virginia, who was chastizing a fellow ham for daring to utilize a frequency within ten KC of him...and, oh yes, there was the gang from out in Western Pa. operating without regard to FCC regulations ...the gang that you can't belong to unless you have been referred to as a LID by at least ten respectable operators. What has happened to the ham radio that I knew just ten years ago? What has caused the ill winds, that have stirred up the ocean of GOODWILL that hams were noted for...just ten years ago?

As a prerequisite to taking a ham exam maybe the FCC should require an examination in the principals of courtesy and common sense! I wonder... what will it be like in 1974...just ten years from now? Sometimes I find more comfort in dwelling on "Where We Have Been" rather than "Where Are We Going"

don't forget to.....

....."SAY YOU SAW IT IN CROSSTALK"

.....even if you didn't

G C A R C Code and Theory Classes continue through April at the Pitman High School on Thursday evenings at 7:15 PM

IF YOU DON'T RECEIVE CROSSTALK NEXT MONTH....YOU HAD BETTER CHECK TO SEE IF YOU HAVE PAID YOUR DUES!

GCARC TO AWARD ENDORSEMENTS

You may now obtain an amendment to your present GCARC Certificate of achievement by submitting a record of additional contacts that were not part of your original list. The following regulations apply:
FOR MEMBERS

15 Additional contacts are necessary to obtain a blue seal (total of 30 contacts) and 20 more contacts for a gold seal (total 50 contacts)
FOR NON-MEMBERS

10 additional contacts are necessary for a red seal (total of 20) 10 more for a blue seal (total of 30) and 20 more for a gold seal (total of 50 contacts)

In each case the new list must be accompanied by the original list submitted (or a list of the same number of contacts other than those on the list)

Requirements are the same; all contacts must have been made on or after Feb. 1, 1961. The list must include call letters, name, date, and time. All requests for the certificates and endorsements should be addressed to Della Parker W2AFZ.

DID YOU KNOW?

Ln 1963 the TVI com. had 8 compl'nts

HOW WELL ARE YOU UP ON YOUR THEORY?

1. If antenna current decreases from 1 ampere to .707 amperes, how much has the power output been decreased?
2. The final amplifier operating constants of a transmitter are 1500 volts @ 230 ma. the efficiency of this transmitter is 70%. What will the approx. RF current be into a 50 ohm dummy load?
3. Using a dipole for a reference, a beam antenna has a measured power gain of 6 db in it's major lobe, a transmitter delivers 50 watts of RF to this antenna, what will the effective radiated power be in the major lobe?
4. Antenna current increases from 1 ampere to 1.414 amperes, how much has the power output been increased?
5. What type of reactance would you expect to find present at the base of a 40 ft. insulated vertical antenna when it was being used on 80 meters?

(see page nine for answers)

W E L C O M E

G.C.A.R.C. extends a warm welcome to the following new members:

Sidney Gantz	WB2JRU	Woodbury
George Badger	WA2LSI	Woodbury
Raymond Martin	WB2LNR	Brooklawn

We hope that you will take advantage of, as well as an active part in, the many GCARC activities that occur throughout the year.

THE 20th IS THE DEADLINE ! ! !

If you have something for CROSSTALK be sure to get it in before the 20th of the month. Items that trickle in after the 20th sometimes manage to get into the paper, however the last page usually gets printed on the 20th or 21st. I can not guarantee the publishing of any items that are not in my hands by the 20th. They will be held for the next issue!

6

ED

MARCH 4TH IS G C A R C MEETING NIGHT

.....WILL YOU BE THERE ?

NEW PRODUCTS.....

Desoldering Iron

The Endeco desoldering iron melts and vacuums solder from printed-circuit connections, leaving terminal and mounting holes clean. When the solder has been extracted, parts can be removed without damage. Replacements may then be resoldered with the same iron. The iron requires only one hand for operation and reaches into corners and other areas normally inaccessible. A temperature control is said to prevent over heating and damage to components. List price \$24.95. Enterprise Development Corp.

Rectifier Replacement

Specifically designed to replace vacuum tube types 5U4, 5T4, 5V4, 5W4, 5Y3, 5Z4, 5AU4, 5AW4 and 5AZ4, a silicon high voltage rectifier that requires no warm-up time and provides high reliability, reduced loading on power transformer and minimum heat generation. The device is equipped with a tube base to allow direct replacement with it's tube counterparts. \$5.06. International Rectifier Corp.

A LESSON IN PRONOUNCIATION.....

So you DX hounds think that you have a hard time pronouncing the names of some of the places that you work! It seems as though there is a lake, located near Webster, Mass. that goes by the handle of CHARGOGGAGOGG MANCHAUGAGDGGCHAUBUNAGUNGAMAUGG (hope we hyphenated in the right place ED) The Nipmuck Indians say that maens "You fish on your side, I'll fish on my side and nobody will fish in the middle."

don't forget to.....
"SAY YOU SAW IT IN CROSSTALK"
.....even if you didn't

TECH TOPICS.....

Did you know that the most important factor affecting the life of aluminum electrolytic capacitors is temperature? For each 10 degree C decrease in operating temperature, it's life expectancy is doubled. Thus a capacitor at 25 degrees C (room temp) will last 64 times longer than it will at 85 degrees C. (common operating temp)

CLUB DIRECTORY?

How many club members would like to have a club directory? This could contain a short resume of operating habits, occupation, other hobbies, etc. of each club member. The cost to the club would be nominal. It should prove to be very interesting to club members and could provide a guide to those non-members trying for our G C A R C Certificate. If you are interested why not tell one of your directors!

THIS

SPACE

WAS

RESERVED

FOR

YOUR

CONTRIBUTION

TO

THIS

MONTHS

CROSSTALK

.....we didn't get it
.....how-kum?

electronics.....

A HOBBY OR A VOCATION

.....by Wally Martin W2PLD

A most interesting QSO on six meters the other night planted the seed for this article in my noggin. The fellow on the other end of the QSO happened to be a commercial artist, with a vast amount of experience, and quite a few years in ham radio. His remarks to me were, "The reason I like ham radio is the fact that it is entirely different from my work at the salt mines. I can forget my problems with a free mind. I can't conceive anyone drawing or painting for a pass time after he has worked on it all week." My answer to him was, "Radio is both my vocation and my advocacy. I feel that if a person can make his work his hobby, the work then becomes a pleasure and not a drudgery, and the time goes by much faster." He could see my point, but this did not change his idea of a hobby.

Many men in the business world today have made their hobbies pay off for them, with a business that started off on a small scale and developed into a giant enterprise. Why? Because the individual put more interest and time consuming hours into it than he would have otherwise.

If a person does anything solely for a hobby, it has a tendency to fade away in a short time and die, while another and different hobby takes over. I have known persons to have a new hobby every year. Usually, but not always, the person who has radio solely for a hobby, purchases his gear and does very little building, therefore in a sense it becomes a novelty with him; that is the operating. While it is true that everyone can't become electronic technicians, most hams know something about the field.

From time to time I have asked various ones if they would like to earn their livly-hood with radio. The answers fell into the following categories; yes....20%....no80%. Why is this? Is it because they think they will soon tire of it? Is it because they don't have the patience? Is it because they are not mechanically inclined? It seems to me that one or more of the above suppositions supply the answer.

One thing that they can't take away from ham radio, is the fact that it

does not discriminate; rich, poor, different nationalities, races, old or young everyone has the same interest regardless of locale or political views. You have never heard of hams starting a war! Even in foreign countries where they have modest equipment, they are satisfied.

Weather you earn your living with electronics or be it your hobby, you are a member of one of the greatest fraternities in the world, and associate with the "best fellows and gals." What you get out of it depends on you and no one else. It yields friends and knowledge and asks very little in return, just some of your time.

SWITCH TO SAFETY AND STAY ALIVE!

In recent years many amateurs have been electrocuted and many others have had close calls, caused by the failure of by-pass capacitors in the primary circuit of AC power supplies. This type of accident can be avoided by the use of a common ground system linking all of the equipment chassis to a water pipe or other good ground connection.

On request, ARRL will supply you with a copy of the "SAFETY CODE"

LISTEN BEFORE YOU TRANSMIT.....

....USE MINIMUM POWER NECESSARY...

.....USE VHF FOR LOCAL CONTACTS

for efficient use of amateur frequencies

GCARC VISITS WHY Y TELEVISION

The program for the February GCARC meeting was a visit to the highest powered ham station in the county. Shortly after the business meeting adjourned, on February 5th, a convoy of halo carrying cars converged on the 316,000 watt transmitter site of WHY Y-TV which is just outside of Glassboro. The 860 ft. plus tower of WHY Y is by far the tallest structure in the county. It's multitude of flashing beacons can be seen from any part of the county on a clear night. Some of the VHF enthusiasts in the club made an attempt to retune the transmitter on 220 mc. but were quickly flagged by Wayne Newhouse, WHY Y's transmitter supervisor. A big GCARC thanks goes out to Wayne for a most interesting tour of the transmitter facilities.

HOW WELL ARE YOU UP ON YOUR THEORY
answers

1. By $\frac{1}{2}$
2. 2.2 Amperes
3. 200 watts
4. Doubled
5. Capacitive

C A U T I O N

I am sure that all of the regular attendees of GCARC meetings are aware of the steel guard rails in the clubhouse parking lot. A word of caution is in order to visitors and to those of you who don't get to meetings on a regular basis. Last month, at least two individuals hit these rails while leaving the parking lot. They are low enough that you might miss seeing them while at the same time they are high enough to cause serious damage to the front end of your automobile!

BRAIN TWISTER

There are two black boxes. One of these boxes has a toggle switch on it, the other two pilot lights. There are two wires connecting these boxes. When the switch is in one position one bulb lights, when the switch is thrown to the other position the first bulb goes out and the other lights. What is in the boxes? Answer on page 11.

KILOCYCLE CHATTER

Con'grats to W2LVW on being the first to submit 50 GCARC contacts for an endorsement on his certificate. (check them carefully Della)

K2PQD's "six-pack" cost him more than any of the other club member's. It seems as though Chas was bringing his "six-pack" home from WA2KWM's when the gendarmes stopped him. Total cost, \$7.00 for the unit and the fine!

AREC PLANS MOBILE DRILL ON APRIL 3RD

The Gloucester County AREC plans another mobile emergency test on April 3rd. All individuals who participated in the last drill of this type can tell you that they learned something as well as had an enjoyable time. AREC now has almost 35 active members in the county! Weekly drills are held on Tuesdays, 28.9 mc. and on Fridays, 50.9 mc. at 8 PM.

ARPSC TO HOLD CONVENTION

The first annual Amateur Radio Public Service Corps of Delaware Valley Convention will be held on April 4th at the Pennsylvania Military College, 14th and Chesnut Streets in Chester, Pa.

AN INTERVIEW WITH WA2WGB and WA2WKB
by Harry McCormick WA2SEA

Our interview this month was with a father and son team of amateurs from Woodbury, Vince WA2WGB and John Gambale WA2WKB; fater and son respectivaly, who live at 169 Covington Lane, in Woodbury. The Gambale family migrated to New Jersey a few years ago after having been born and raised in Phila. Vince was born Oct. 15, 1917 and John happened along on Sept. 4, 1946. At present Vince is employed at RCA in Camden as a coil maker. John is in his Junior year at West Deptford High School. Vince and John got their start in ham radio in 1961 as novices, having taken the test together, then John got his general and a few months later the OM got the G ticket. The Gambales can be found on 80, 40, 20, 10 or 6 meters. John is a DX hound and usually tries to work out on the lower CW frequencies while Vince is a homebrew artist. They both use the same equipment, which consists of a Hallicrafter HT-40 and a modified S-40 receiver and an all band vertical antenna. Within the past few weeks the fellows have gotten on six meters with a homebrew rig running about 35 watts, and use an Amplydine converter for receiving. John, WKB, seldom misses a day on the band and Vince spends most of his time in the shack building. At this time John and a couple of other ham students are trying to get an amateur radio club started at West Deptford High, and are patiently waiting for a club call from the FCC. Vince has 38 states confirmed, while John has 48 states and 44 countries.

DON'T FORGET TO MAIL YOUR CROSSTALK
QUESTIONNAIRE THAT YOU RECEIVED AT THE
FEBRUARY MEETING TO Jack Oberst W2TLO
AS SOON AS POSSIBLE..(like yesterday)

WA2IVZ WINS HAMSHACK INSPECTION

Doctor John Laurusonis WA2IVZ took top honors in the hamshack inspection contest recently conducted by GCARC. During the months of December and January, the committee inspected more than 50 members shacks. Scores ranged from a low of 34 points to a high of 88 points recorded at WA2IVZ's. All scoring was done on forms which covered general operation, safety, compliance with FCC rules and Regs and neatness. The committee reported that they were unable to inspect all shacks, mainly because of their inability to find the OM's at home! There were two members that asked that their shacks not be inspected.

FOR SALE.....

Apache Transmitter.....175 watts
Present cost \$252.00 plus freight
Reason for unloading....
Bought a Valiant
A real buy at \$180.00

Herb Brooks K2BG

Heath DX-100
grid blok keying
inputs for SSB
.....\$100

Hallicrafters S-76
11 tube superhet
good condx
.....\$60

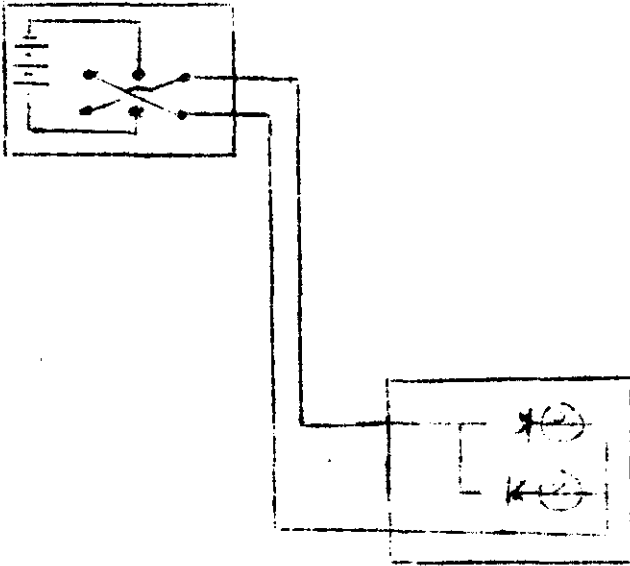
Homebrew VFO
80 thru 10 meters
make an offer

Al Engler WA2RFO

SAY YOU SAW IT IN CROSSTALK.....

.....EVEN IF YOU DIDN'T !

ANSWER TO BRAIN TWISTER



EXCERPTS FROM PAST PRES. GOLDMAN'S LETTER TO GCARC

- in 1963 the following took place
1. W2KE appointed registered agent for the club
 2. Club DX award approved by the board
 3. June CROSSTALK went to all hams in the county
 4. K2JKA appointed EC
 5. WA2WWF appointed OBS
 6. Club sold 22 six meter transmitters
 7. GCARC has largest hamfest
 8. TVI committee handled 8 complaints.
 9. The awards committee presented 34 certificates.
 10. Introduced 34 guests at GCARC meetings.
 11. Average membership attendance 42.4%
 12. Membership declined by six.

GCARC MEMBERSHIP QUESTIONNAIRE

Name-----Handle-----Call-----

Class of License-----Exp. Date-----ARRL member-----

Home address-----Home phone-----

Business address-----Bus. phone-----

What equipment do you now own? -----

Do you use phone? -----CW-----SSB-----RTTY-----Other-----

Do you belong to MARS-----CAP-----Military reserves-----AREC-----

RACES-----any other amateur radio club(s)-----

Do you own an emergency power supply?-----gas driven-----Mobile-----

What bands do you operate-----how often-----

What is your main ham interest? (DX, VHF, RAG CHEWING or other?)-----

Please fill in the above questionnaire in order that we may compile information for several GCARC projects, the main one being our affiliation with ARRL. Mail, deliver personally or bring to the next meeting to Bill Bachman, Membership Chairman, 305 Cornell Road, Glassboro, New Jersey.

DX...DX...and more DX

Glenn Morgan WA2QHQ

I was glad to see that we had a fairly good turnout for the first weekend of the DX contest. The following stations were heard fighting the QRM pile-ups.

WB2EDH	WA2QHQ	WA2TOW
W2LVW	W2TLO	WA2TTA

The CW contest is a lot easier than the fone contest as far as fighting the QRM because there are more DX stations on the air. I hope that more of you in addition to those mentioned above will participate in the contest during the coming weekends. I racked up only 50 QSO's on fone during the test on 20 and 15 meters.

After the contest I worked YV5BPJ who operated YV5AJ during the contest, he said that he worked a W8 that was running only 5 watts PEP! YV5BPJ was worked on 75 SSB.

ZD6PED will be active on 14.1 during Feb.

During the month there will be a DXpedition to CEØ Juan Fernandez Isd.

At press time ZL5AA should be on from Antarticia.

During March VP8HF will be on from So. Sandwich Isd. QSL vis Hamarlund, N.Y.

March 10, expedition to Chargos VQ8BFC QSL vis G8KS.

March 28-31 DXpedition to LX3AX, Luxembourg.

QSL's for MIM go to 318th USASA Bn., APO 66, N.Y., N.Y.

WA2TOW has ant. problems, why wait to the DX test to have ant problems.

Look for VS9AAA during the fone contest from Aden. He was heard S9 plus.

I would like to hear from YOU. What have you heard or worked? Any member that has worked any DX, send me a list so that we might publish it.

OLD TIMERS NIGHT TO BE HELD ON MAY 2nd

Saturday May 2, 1964 is OLD TIMERS NIGHT at the Hotel Stacy Trent in Trenton in the Grand Ball Room. Old Timers night is annually sponsored by the Delaware Valley Amateur Radio Club. This year they will celebrate 50 years of Amateur Radio. The program for the night hasn't been announced as of yet, either has the price but CROSSTALK will have the info as soon as it's available. Both old timers and the young squirts will enjoy the activities.

CROSSTALK is now exchanging club papers with So. Counties Amateur Radio Club, The Pack Rats and the Bucks County (pa) Amateur Radio Club.

FOR SALE.....

NOVICE TRANSMITTER

Eldico TR-75

60 watts

xtal control

\$25.00

CONTINUOUS LOADING KIT

for a DX 100 transmitter

brand new

a good buy at

\$4.00

Ron Yanky WA2WTA

It was nice to see the SCM K2BG at the February GCARC meeting! Stop in more often Herb.

SAY YOU SAW IT IN CROSSTALK

EVEN IF YOU DIDN'T !

MARCH 4TH IS G.C.A.R.C. MEETING NIGHT CAN WE COUNT ON SEEING YOU THERE? 8 P.M.
BRING YOUR GOODIES FOR THE WHITE ELEPHANT SALE ALSO BRING MONEY FOR THE SALE !

WHAT'S WRONG WITH FOURS ?

.....by the Old Sock

The young squirt eyed the old timer apprehensively as he muttered magnificent invectives and wreathed them both in acrid smoke from his pipe. "Why is it" he snarled "that the best DX is always behind the loudest W4" He fiddled with the dial and, suddenly, with a decisive click, shut the rig down.

"That leaves me with nothing to do" complained the young squirt, "Bill's working on a new member, and Sam and Pete are helping with the code class." The old timer looked at him, "Aren't you on the publicity committee?" he asked. "Sure" answered the young squirt, "but there's nothing going on!"

The old timer was visibly shaken. "Nothing to do!" he exclaimed, "why how many hams wont come to the meeting unless they're reminded....or how about pictures of the new hamshack for QST....I can think of all kinds of publicity that you can and should do." The young squirt was visibly taken aback, "Nobody said anything to me about any of these things"

The old timer settled back in his chair, and the young squirt squirmed, for he recognized the signs. "Nobody should have to tell you" the old timer lectured. "After all, you should know that things don't get done by waiting for someone else to do them." He reflected for a moment, "I think the club will run smoothly just by hard work, but the only way to improve it is by new ideas, they keep the club snappy and the members on their toes!"

"By golly" the young squirt was fairly sparkling, "just think my pictures might get in QST, I'll get Mac, and we'll set up the shack real nice and....." but the rest was lost as he climbed the stairs from the shack. The old timer heard the door slam, and the car start; he settled back in his chair with a grin, "What I really need," he mused, "is a way of getting rid of those dang W4's"

AWARDS.....

by Dave Roberts WA2TOW

KZ5 25 (worked 25 Panama Canal Zone Stations) is offered by the Canal Zone ARA, Box 409, Balboa. This certificate is offered upon submission of the list of stations worked. No QSL's required. Send the list of 25 QSO's giving call letters, time, freq, and emmission as copied from your log to the above address. Stickers for working 50 and 100 are also available, from the CZAR.

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DUE TO INCLEMENT WEATHER, THE BOARD-OF-DIRECTORS MEETING SCHEDULED TO BE HELD ON THE 19TH WAS POSTPONED TO THE 26TH....TOO LATE FOR THE MINUTES TO MAKE CROSSTALK...THEY WILL BE AVAILABLE AT THE MARCH MEETING.