

May, 1972, Issue

GCARC - 1972 (VIP PAGE)

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CLUB MEETING MAY 3rd - AT CLUBROOM - 8:00 P.M.

MAY MEETING

As usual, the 1st Wednesday, we expect to see all club members out to the Pitman casbah to partake of WB2GKH's hot coffee, kumpets, and to enjoy the usual ham fraternity festivities. Program chairman, WA2PVH, has arranged a most interesting show; namely, a program on antennas. You won't want to miss this subject--a most important one to all concerned. So come early and get a choice seat (the comfortable ones are near the middle). We have plenty of new coat hooks now (tnx to WB2GKH) so you won't have to hold yours in your lap.

W2FBF MAKES IT TWO FOR TWO!

Congratulations to Ken, W2FBF, who has won (in a landslide) the annual W2SUA Dx Trophy for the second consecutive year. There is no question who is the club's premier contest worker, and we will have to really sharpen-up to get into Ken's league. Well, better luck to the rest of us next year. Nice going, Ken.

CODE CLASS COMPLETED

WB2MSH, WN2OLS, and WA2OVQ report that 5 new Novices have graduated from this year's class (and have joined or will join our club). Nice going men--another FB effort from a dedicated group.

SICK BAY

Sorry to hear that Tom, WB2AX1, who was smacked by a car, is in Underwood-Memorial Hospital. Suppose he is home by now, but we nevertheless wish him a rapid recovery. Don't want to have you operate FD from a wheelchair Tom--not if we can help it, Hi!

Also, W2LVW, was back in for a spell. Understand Jim's back was hitched up to a mule on one end and a donkey on the other. They both pulled simultaneously and Jim's back now feels better. (He told me that's an old horse doctor treatment).

4 SALE

- A. HQ-110, reconditioned. 6 M band included, FB shape, \$80.00. See Wally, W2PLD;
- B. Drake 2 NT, mint condition with many xtals for 40 and 80. \$100.00 takes all. Contact Jack, WA2MEM;

SPECIAL! SPECIAL! SPECIAL!

At the May meeting ONLY! The good looking club patches will be on sale for only \$1.00. Yes, that's right!! We said only ONE buck!! That's a mark down of 200%. So bring along your wallet, see WB2WAK or WB2JZX and get yours! Remember! May ONLY! (SPRING HOUSECLEANING IS THE REASON).

Another 50 Member Award

Congrats to Bill, WB2FJE, who has earned his 50 member endorsement according to Awards Chairman Della, W2AFZ. We believe this is only the 4th time this award has been given in the club's 13 year history. Nice going, Bill.

FLASH - GOOD DEAL TO LUCKY BIDDER!

At the May club meeting, a 10 M Hy-Gain 3-element monobander beam will be auctioned off to the highest bidder. Minimum bid will be \$5.00. This beam is offered courtesy of WB2WKV. Jack has worked the world with it and his new quad now has taken the monobander's place. Many thanks to Jack.

FD, FOOD HELP NEEDED

Don't forget the big week end, June 24th and 25th. Chairman Ron, WA2EOB, would like to have some more xyl help with the chow line. The same few xyl's have done this task (very well, too) for the past several years. We would like to see some of you other guys volunteer your xyl (or yl) for "the team" this year. Check with John, WB2JZX, or his xyl, Joan, (this year's chairman). Many thanks.

FRIENDSHIP NET NEWS

The West Side Radio Club of Toronto and Gloucester County ARC again enjoyed outstanding band conditions on the Friendship Net held Sunday, April 16th. All signals, our's and our friends in VE3 land ran S9 and better for the entire hour we chatted back and forth. On the Canadian side we had Bill, VE3AR; Dave, VE3BHZ; Dave, VE3DAV; Chris, VE3CJK; John, VE3GFR; and Bob, WA2EWC of Cowlesville, N. Y., who is one of WSRC's four non-Canadian members. On our side, we had Jim, WB2OER; Tom, WA2MFS; Joe, W2PH; Jack, WA2MEM, and Doug, WA2NPD. Unfortunately Doug had some receiver trouble and dropped out early because he could only copy a few of us close to him. Wouldn't you know his xmtr signal was the strongest of all up in Canada? In the absence of Bill, WB2FJE, Tom, WA2MFS, took the net control duty on our end and, incidently, did a real job! So, we had a really fine net - our second in a row with booming signals both ways and no qrm. I only regret that Bill, WB2FJE, who worked so hard in heavy qrm and weak signals of previous Friendship Nets was not able, again, to be with us. Our next get-together with our WSRC friends is scheduled for Sunday, May 14 at 1:00 p.m. (1800z) on 7265 kc plus or minus 5 kc. Sure would like to see more participation in this Friendship Net by more of our members! Be listening for you Sunday, May 14, at 1800z on or about 7265 kc!

Jack, WA2MEM

NOVICE NET XTALS ARRIVE

See WA2LWC to get your new xtal. Net control, WB2AXI, probably won't be aboard for awhile, so who will take up the slack?

Reprive

The "cheapskate" list (those members who can't seem to get their QSL card up on the club board) will be published NEXT month. So, some of you guys will still have another month.

LES BELLES - by Rose Ellen-WA2FGS

The month of MAY brings the time for the sixth International YLRL Convention to celebrate the 33rd birthday of YLRL.

The convention is being hosted this time by the LOS ANGELES YL's and the BAYLARCS who are recruiting now for shipmates on the cruise of YL fellowship and fun.

When: May 26, 27, 28, 1972

Where: Edgewater Hyatt House, Long Beach, California

Plan now! Start saving! - Sail, fly, drive or thumb--but come!

Registration before May 15, 1972:	\$2.50
Registration after May 15:	\$4.00
Birthday Luncheon May 27:	\$3.50
Luau Banquet:	\$6.50



Edgewater room convention rates:

Single \$17.00; Double \$21.00
 Spacious rooms provide ample
 accommodation for those wishing
 to economize by doubling up.

Unique "YLRL" rug preregistration prize! Door Prizes! Tours!

Visit the Queen Mary! Disneyland!

Special tour for OM's: Swan Electronics Corp., Oceanside, California

Address: YLRL 1972 Convention, Box 3092, Long Beach, California 90803

Make checks payable to: YLRL 1972 Convention. Indicate if you prefer HARBOR TOUR on Friday, May 26, from Marina near the hotel. (See the Queen Mary from the water; no walking). Interested in groups to DISNEYLAND; or other points of interest on Sunday, May 28.

Planning a party: Remove frozen ice cubes from trays or your ice maker several days in advance; store in plastic bags in your freezer; then refill trays and let new ones come along. When the gang arrives you have lots of ice cubes for most any use.

CONTEST CORNER

1972 ARRL DX Competition Results

	CW QSO/MLT-SCORE	PHONE QSO/MLT-SCORE	TOTAL	Hrs. On
W2FBF	667/215-430,215	388/162-188,568	618,783	86
WA2NPD	220/96 - 63,360	249/107- 79,929	143,289	44
W2PLD	NONE	282/108- 91,368	91,368	--
WB2WKV	NONE	124/ 64- 23,808	23,808	30
WA2EOB	83/ 41- 10,209	40/ 21- 2520	12,729	17
WB2JZX	NONE	57/ 48- 8208	8,208	13
WB2WAK	(Classified)			LOGS
Club Total			898,185	9
		1971 Total	1,241,325	10
		1970 Total	477,948	10

The big score from the W2SUA Qth was sorely missed in this year's club score. With Shorty back in action next year, we should be right back up there again. W2FBF wins the W2SUA Cup again, as well as ARRL certificates for high Phone and high CW scores in the club. Thanks to all who sent in logs to help the club score.

W2FBF

(Ed. Note: W2FBF wins by landslide!! FB job again Ken; that's two in a row!)

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Certificates Awarded To
Clothing Drive Participants

All of those members who helped out in the recent Camden County Goodwill Clothing drive were awarded handsome certificates. (Refer to WA2SEA's FB article in last month's X-TALK for particulars.) Will we see the pictures soon, John (FVH and MEM)?

CLUB QSL CARD CONTEST

As most of you know, for many years the club has offered the handsome club QSL card to each member at a very low price. However, as judged by the poor quality of the most recent batch of cards, something went wrong! The problem is that the printing plate has gone bad (flattened-out, WB2FJE calls it). Hence, the club must purchase and have a new plate fabricated. Because many members, from time to time, have objected to the format of our card, and because we must have a new plate, the Board of Directors has decided to hold a contest in which all members are urged to participate. The idea is for every interested member to draw-up on a standard $3\frac{1}{2}$ x $5\frac{1}{2}$ card a new QSL card for the club! You may submit as many entries as desired. The judging will be held during the JUNE club meeting.

Ground RULES:

- a. The club seal must appear on the card.
- b. The club colors blue and gold must predominate.
- c. Entries will be given a number only for judging purposes.
- d. Entries on $3\frac{1}{2}$ x $5\frac{1}{2}$ paper or card.
- e. Two ballot votes will be taken by the members at the June meeting. The top 3 choices will be selected from ballot number one and the winner selected from the top 3 on ballot two.

Now for the biggest news of all! The winner will have his next year's (or this year if you are one of the 9 unpaid members) dues automatically paid-up! So, c'mon you club artists! Get busy, take pen-in-hand and try your luck. See you at the June meeting. 73's

WB2FVI - Bon Voyage Bill!

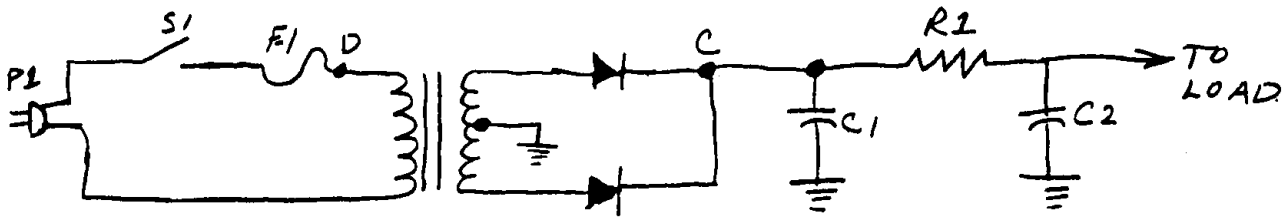
Our circulation manager Bill, WB2FVI, and his xyl are about to embark upon a real trip this time. They are going to spend some 3 months in VK land. Well, some guys have all the luck. Certainly wish Bill and May the very best for a wonderful trip, voyage, and maybe even some QRP from down-under (ok, Bill?).

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TROUBLE SHOOTING POWER SUPPLIES

The following outline is, I believe, a logical approach to locating a power supply fault. Although there are many types of power supplies, the same general method of trouble shooting may be applied to all. Depending upon your degree of trouble shooting experience, various short cuts may be taken. However, the procedure here was outlined for the amateur who is not involved in everyday repair work but, at the same time, has a sincere desire to learn about fixing his own equipment.

In the following schematic, the emphasis is on procedure and, therefore, component values are omitted.



Symptom - F-1 blows when S-1 is closed.

Procedure:

1. Study schematic!
2. Disconnect P-1 and check F-1 for proper value.
 - 2.1 If wrong value, replace F-1.
 - 2.2 Connect P-1 and turn on S-1.
 - 2.3 If F-1 blows**, turn off S-1, disconnect P-1, and proceed with trouble shooting. If trouble is cleared, reconnect all removed leads.
3. Remove lead "A" from load side of C-2.
 - 3.1 Repeat Step 2.2 & 3.
 - 3.2 If F-1 doesn't blow, check that R-1 has not changed value.
 - 3.2.1 If R-1 is ok, then trouble is in the output circuit. Make resistance checks, with lead "A" still disconnected, in order to locate shorted stage. When short is found, reconnect lead "A".
 - 3.2.2 If R-1 has changed value, replace and repeat Steps 2.2 & 3.
4. Remove lead "B" from load side of C-1.
 - 4.1 Repeat steps 2.2 & 3 and go to Step 5. If F-1 still blows**
 - 4.2 If F-1 doesn't blow, then C-2 is shorted. Replace C-2 and repeat Steps 2.2 & 3.
5. Disconnect each diode from point "C" and check for a front to back resistance ratio of at least 50:1 for each diode.
 - 5.1 If ok, proceed to Step 6.
 - 5.2 If diodes show low ratio, replace and repeat Steps 2.2 & 3.
6. Remove lead from point "D" and check lead for short to ground.
 - 6.1 If open, then transformer has shorted turn on secondary. Replace and repeat Steps 2.2 & 3.
 - 6.2 If a short is read on lead "A". Check for bare wires from F-1 to transformer and from transformer to AC line entry into equipment.
 - 6.2.1 If bare wires, tape or replace and repeat Steps 2.2 & 3.
 - 6.2.2 If no bare wires, the transformer primary is shorted to ground. Replace and repeat Steps 2.2 & 3.

**In actual practice, be on look out for solder blobs on terminals that could be causing shorted conditions.

de WB2JZX

(Ed. Note: Good show, John)

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RAMBLINGS OF A GHOST WRITER

How many of us realize how lucky we are over here in the states where electronic parts and gear can be purchased without too much effort. I'll just bet that the majority of hams give very little thought to this matter and take it as a grain of salt. This by-line is clearly illustrated in the following incident.

The other day I happened to be talking to a DM station who was putting in a fairly strong signal. When he told me what he was using for gear, I had great admiration for him. Here was a fellow who was making the most from the least. He started off by telling me that everything from the antenna to the receiver and transmitter was home-made from old discarded television parts, for electronic ham gear was priceless even if you were able to buy it. Being an electronic engineer and 35 years old, he was able to apply his know how and come up with a station that really did justice to his ability. He said things were so bad over there that he was unable to buy call books and he was using one from 1965. As you know, this was in Germany and brings home to us the fact that we should not be wasteful but should make the most of what we have.

Another case of ingenuity is illustrated. A lot of hams in the world are hampered by getting up decent antennas due to the fact that they live in apartments or neighborhoods where area is limited. So a couple of British hams decided to do something about it. After a great deal of hard work and experimenting, they came up with a mini-mini beam, whose overall size is no larger than a television antenna. And does it work? The signals I heard compared with many coming from bought beams! This is just a case of necessity being the mother of invention. I know that we have a lot of hidden talent in our club and, who knows, we may uncover some future engineers. I know that all young members aren't going to be electronic engineers; but I am now speaking percentage wise, and it is our job to help bring this talent to the surface.

I still advocate for the club to come up with some inexpensive kits to form a project whereby the newer and younger hams can acquire the "feel" of hamming besides just transmitting all the time. If the club would get the kits together, they could be sold to the members for a nominal fee. Just talking radio without getting their feet wet isn't getting the most out of the potential that is there. I know that the club is backing Field Day, DC, AREC, etc. but this is operating. Far be it from me to take away any of the good these services do, but I still don't think this is enough.

GHOST WRITER (Cont.)

How has DX been doing for you? Lately, more and more of some rare ones are showing up on the various bands. If you have a rabbit's foot or a shamrock around, you may come up with one of these FB stations (the ham that I mentioned in the first part of this article who made all of his own gear told me that he had worked some 240 stations using only a dipole). Some do it and some don't. Did you know that DX-ing is like a disease. Once you have it, you very seldom lose it. On the other side of the coin, some hams could care less for DX. One good thing about ham radio, you can pursue which ever phase hits your fancy. No matter which facet you select you can be sure of one thing-- you will be having a lot of fun doing your thing.....

73's es CUL.....:Ghost Writer

(Ed. Note: Lot of good thoughts this time; tnx Ghost).

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SCUTTLEBUTT

1. Wonder why WA2SEA is keeping his transmissions on 6 meters so short? Could it be his neighbor has an RCA 6 meter color set?
2. I hear that the 75 meter band chairman Jeff, WA2LWC, has nabbed WB2FBF and WB2WAK for operators. Looks like 75 will be the band to beat.
3. Wonder when WA2NPD is going to put some antennas on that new car? How about a roof mount 6 meter halo, Doug?
4. WA2EOB got a surprise package from Heath recently. Seems the surprise was that the carton had a hole in it where a sizeable amount of parts had escaped. Ron now has new SB-200, 610 scope, keyer, CW filter, and an SB-301 for FD (courtesy of Jerry).
5. I hear that our 2 meter band chairman is figuring out how to hoist his beetle up in the air so he can operate DX on FD.
6. I wonder if we could get a flag with the club emblem on it to fly on Field Day?
7. Is it true that WB2WAK has a duplex xmtr and a simplex rcvr??
8. WA2DNL really "banging"-in on 10 meter net the other night. New rig sounds swell, Jim.
9. Ho-Hum Department; WB2FJE announces the 10 meter net sked and program will soon be mailed out---soon mailed out---soon mailed out.
10. WA2NPD and WA2EOB had recent QSO with our gal from W4 land, Bertha, WA4BMC. (Doug via Ron's phone patch). Very FB signal from Big Mike's QTH as per usual.
11. Good to see WA2TDI out to last club meeting. Hope this will be the beginnings of an unbreakable attendance record, Ernie.

WHY CAN'T I GET ALONG WITH BILL?

by Rose Ellen - WA2FGS

Each of us has at least one club member we can't seem to get along with. For the moment, call him "Bill". If it weren't for him the club would be a much nicer place to come to each month for meetings, and also join in the club nets regularly, participate in field day, the club picnic or any other event.

We don't like Bill and we don't think he likes us. Maybe we don't trust him. Perhaps we're irritated by some of his habits, way of life, manner of speaking, or envy some of his accomplishments! In any case, he's no fun to have around.

What can we do about Bill? Well, we're not likely to change him, even if we tried. And, he isn't likely to change of his own accord. In other words, he's likely to be around just as he is for a long time. After all, when any one works hard to earn his ticket, it is not likely he will just drop his hobby so quickly, especially after getting his feet wet with all that rare dx and other outstanding qso's.

But there's one thing we can change--and that's our attitude toward Bill. Maybe we can discover something about him we do like. Everyone has good points and sometimes we refuse to see these. Maybe we can take a look at ourselves and discover something about us that might be irritating Bill. The idea is to see Bill as sort of a challenge--a hard-to-get-along-with guy, but a guy we're going to make an all-out effort to get along with. Bill may be just the guy who will keep the club among the more active, the aggressive, the best known. Let us not judge Bill by our own standards. Let us examine ourselves.

It's worth the effort, for our own peace of mind and well-being. Besides, if we can learn to get along with this Bill, we shouldn't have any trouble getting along with the Bills of the world as we swing our beam in the various directions for that next contact.

So, when you next see Bill, try to remember his good points, his achievements regarding radio, his goal in life, and above all the fact that he must feel somewhat the way you do when both are members of Gloucester County Amateur Radio Club.

(Very good advice Rose, many thanks--Editor).