

Crosstalk is published monthly by the  
GLOUCESTER COUNTY AMATEUR RADIO CLUB

THE CROSSTALK STAFF

EDITOR:	Mark Wilson, WB2OSQ
HAM INTERVIEW:	Gurdon Cooper, W2FAX
CONTEST CORNER:	Ken Newman, W2FBF
LES BELLES:	Rose Ellen Bills, WA2FGS
DX:	Wayne Wood, W2SUA
WHAT'S UP DOCK?	Bob Doak, WA2AIH
ARRL BULLETINS, ETC.:	Della Parker, W2AFZ
TYPIST:	Bill Frambes, WB2FJE
PRINTER:	Gary Hitchner, WA2OMY
CIRCULATION:	Gary Hitchner, WA2OMY

GCARC OFFICERS, DIRECTORS & TRUSTEES

PRESIDENT:	Rich Netherby, WB2OCR
VICE-PRESIDENT:	Herb Schuler, K2HPV
RECORDING SECRETARY:	Steve Blaski, W2TDS
CORRESPONDING SECRETARY:	Della Parker, W2AFZ
TREASURER:	Rose Ellen Bills, WA2FGS
DIRECTORS:	Jack White, WA2MEM
	Steve Asay, WA2AXJ
	Bill Bachman, WA2VEE
	Mark Wilson, WB2OSQ
	Wayne Wood, W2SUA
	Ken Newman, W2FBF
TRUSTEES:	Bud Snyder, WB2TKN
	Milt Goldman, K3WIL
	John Kull, WB2GKH
	Jim Buzby, WB2GJH

CLUB NETS

2 M FM AREC	78-18---Sunday, 8:00 PM Local Time
6 M AREC	50.9----Sunday, 8:30 PM Local Time
10 M RAG CHEW	28.8----Friday, 9:30 PM Local Time
Novice Net	21.115--Monday, 8:30 PM Local Time

MARCH MEETING: WEDNESDAY MARCH 3rd BEGINNING AT 8 PM. PROGRAM: SEE  
PAGE 1.

\*\*DEADLINE FOR SUBMISSIONS FOR THE APRIL ISSUE IS SUNDAY, MAR. 21. 1976  
PLEASE MAIL ANY CONTRIBUTIONS TO: MARK WILSON, WB2OSQ

MARCH PROGRAM:

The March program should be an interesting one. Our guest speaker will be Ray McCloy, an engineer at WFIL in Philadelphia. Ray will speak about the West Jersey Radio Control Club. He will tell us about RC planes and discuss some of the application of electronics in RC work. He has built a 6.5 foot Radio controlled robot.

PRESIDENT'S CORNER:

I have been informed that our business meetings are too long, drawn out and boring. Some of the directors feel that things would go better if the business part of our meetings were shorter. In order to do this more of the Club's business will have to be done at the Board meetings this puts a new responsibility on each member, to talk to the Board members or the Officers and tell them just what it is you want them to do at the meetings. They are your representatives and should listen to what you have to say. The officers and directors are all listed on the cover of Crosstalk. If you have any ideas or comments please call one of us. We are not mind readers, so let us know what you want us to do.

The ARRL has promised to provide new materials for code classes in an attempt to increase the number of hams by 50% by 1979, in time for the World Frequency Conference. The Board is working on several ideas on how we as a club can help. As soon as we have something concrete we will present it to the membership.

That's all for now.

73's  
Rich, WB2CCR

GREETINGS FROM THE DEEP SOUTH!

And I mean Deep! (just about as far south in the USA one can get)! Having just read my Feb. X-Talk and the Editor's plea for news, thought I should respond having felt a bit guilty for 10 these many months.

Been very busy putting addition onto the new house, but that job now about completed. Also, owner of 2 boats (31' Bertram and 16' Sterncraft) which require much work and play (fishing really great here). The ham shack has been constructed and ready to go on the air for nearly 3 months. The problem is antennas. The yard here is not big enough for dipoles (horizontal), hence we must go to inverted Vees on 40 and 80. For the center support we will use the new tower which finally arrived last week minus the crank and gear box. Sort of like buying a new car without the steering wheel. The vendor promises the crank, etc. will arrive any day now. Incidentally, the vendor is Heights Manufacturing Co., Almont, Mich. and the tower is their 52' crank-up aluminum job. It is beautifully constructed, appears sturdy, and retracts to 18'. I ordered it last Nov. 6th and it took over 2 months to arrive here in Texas. Height's gives Hams a 30% discount on buys over \$600 (which includes all of their towers); hence one can get a 1200 dollar tower for about \$840 which isn't a bad deal. But don't hold your breath until it arrives! We selected the Heights because of the hurricane threat here

GREETINGS (Cont'd.)

and the naturally occurring high (30-40 mph) winds. Also, because we live right on the sea, the aluminum is nice for resistance to salt water corrosion. My next job this weekend is to pour concrete (2 yards) into a big hole and mount the base. The TA-33 and Telrex (6 M) beams will go on top and 40 and 80 inverted Vees will droop down from the middle. We will locate the tower exactly in the center of the back yard so that the neighbors on either side can clearly see that if it falls over it won't protrude into their respective yards (very much). If it falls north it will land on my Bertram and south on the house. Wish Shorty were here to direct the raising since his last lowering job didn't turn out too perfectly (with WB2FJE holding a 2-foot strand on seat of pants), and he may wish to prove again that his talents are truly quasi-professional at worst.

Don't plan to become active in any Club down here, the nearest club is in Corpus Christi, about 40 miles from our QTH, so will stick with GCARC, which is still the best.

I renewed my WA call last Sept. 9, and still waiting for the ticket. Kind of ridiculous, its been 20 weeks now and I did use the new box # at Gettysburg. Have to write FCC a nasty letter, I guess. Am planning to keep WA2NPD with N.J. adr., work /5 from here, and then apply for an alternate call for W5 area. This way, if we are transferred back to NJ in 4-5 years, the WA call will still be waiting.

The 2 meter FM bug (repeater, etc.) has bitten hard down here too. Lots of guys on 2. So far, we are a hold-out, although if 6 is not too active, may switch over to 2 for use on the Bertram. The Bertram has a Pierce-Simpson Marine band transceiver, but it is at 218 Mhz. and all Marine activity must switch to VHF by Jan. 1977. Hence, we must make a change then (\$\$\$), and may very well go to 2M FM. Planning to do much sport fishing out in the Gulf, and certainly need 2-way capability for that.

Better close for now or Mark will start chopping away at my verbiage. Sure miss everyone very much, the gang at Will's, and WB2JZX's horrendous jokes. Occasionally chat with WA2FGS and WB2OCR via DuPont tie line, but not the same as being there. Best of luck to GCARC in 76, hope all give loyal support to the new officers. Hope to get on the air and chat with you all very soon. And might even make 2nd half of DX contest.

de WA2NPD/5

PS: The answer is 5 amps! (clever Gus!)

LETTERS TO THE EDITOR

GETTING OUT THIS PUBLICATION IS NO BED OF ROSES,

If we print jokes, people say we're silly. If we don't, they say we're too serious. If we clip items from other papers or sources, we're too lazy to write, if we don't we're stuck on our own stuff.

If we omit news that we're never told about, they infer that we should have picked it up from some other source.

If we print news by or about anyone who reports it to us more than once, we're showing favoritism.

If we don't print contributions, we don't appreciate true genius.

LETTERS (Cont'd.)

If we do print them, we're opinionated.

If we make a change in the other fellow's write-up we're too critical.

If we don't, we're asleep.

Now, like it or not, somebody will say we swiped this from some other paper.

Well, we did ! ! !

(The Log Book)

With that as a preamble, your editors actively solicit your contributions.

The purpose of Crosstalk is to present well prepared, informative, and useful information. The newsletter is not written for the general public. It is another means of communication among our members.

Because of today's fast pace of living and our crowded schedules we may miss a meeting now and again ... so there is a definite need for a publication such as this to help us keep up to date on subjects of timely interest.

With your help and contributions for publication we will continue to give you the best newsletter that we can.

Respectfully,  
Josh, WN2CAJ

FIFTEEN YEARS AGO IN CROSSTALK:

In looking through Crosstalk for February 1961, I was wondering if you ever gave any thought as to what happened to the Hams that were active in GCARC at that time.

President Jim Peck, W2LVW, is still active member of our club as is Della Parker, W2AFZ, Corresponding Secretary, then and now, Wayne Wood, W2SUA, Trustee then, Director now, Milt Goldman, WA2ECR, Director, is now K3WIL, and a Trustee, Gurdon Cooper W2PAX, a Trustee is still active.

Jack Sterner, W2GQK, was Vice President. Jack moved from the area several years ago, and I understand Jack is once again living in our area.

Paul Walton, W2YNR, Secretary, Mal Mason, W2MMD, Director and Frank Ciancagliini, K2JIY, a Trustee are all Silent Keys.

Horace Simpson, W2JOZ Treasurer and Frank Andrews, W2STW, Trustee, I don't know what happened to them.

Van Turner, W2KE, and George Stuart, K2SOL, were both Directors and no longer live in the area. Charlie Sketchley, K2PQD, a Director is not longer a club member.

Woody Frantz, K2AQL, had an article on an emergency 2 meter mobile antenna for C.D. use in this issue. (His antenna featured use of radials for a ground plane effect. I think his antenna has merit, but have doubts as to the necessity of the radials.)

Wayne Wood was involved in the formation of a "Council of Amateur Radio Clubs of Delaware Valley." (Sounds familiar.)

At the March 1961 meeting the program featured a White Elephant Sale. (In the next issue of Crosstalk, we will find out how much profit the club made on that W.E.S.)

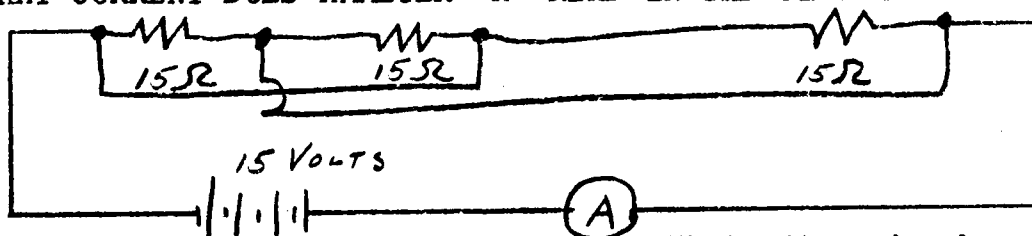
Milt Goldman, membership chairman, announced the launching of a new membership campaign.

A Bill was introduced in the New Jersey Senate and Assembly for call letter license plates. (This attempt was not successful.)

George Stuart, K2SOL, had a technical article on T.V.I. in the March issue.

De Harry, WA2SEA

WHAT CURRENT DOES AMMETER "A" READ IN THE CIRCUIT BELOW?



The answer will appear next month. It isn't as hard as it looks!  
Contributed by Josh, WN2CAJ

**SOLUTION:**

Resistors are actually parallel, therefore, the total resistance of the three 15 ohm parallel resistors is 5 ohms.

$I = \frac{E}{R} = \frac{15}{5}$  3 amps is the correct answer. Answer comes quickly if the problem is redrawn as a ladder type diagram.

Respectfully submitted,  
Josh, WN2CAJ

SWAP SHOPPE:

- FOR SALE HEATHKIT 40 METER MOBILE RIG: HW22A single band transceiver, HS 24 mobile speaker, HRA-10-1 crystal calibrator, Heathkit mobile push to talk mike, Midland SWR--Power meter, HP13A transistorized DC power supply, Hustler 40 meter resonator, all in excellent condition and recently removed from the High Powered Volkswagen." As a package, \$255.00 or without DC supply, \$190.00. Cables included with package. Contact Herb Schuler--K2HPV,
- FOR SALE: RECEIVER, Collins made U.S. Navy R-648/ARR-42 general coverage from 0000 to 1000 Khz. and 2 to 25 Mhz. Double conversion, two RF, three IF, and three audio stages. Magnetostriction mechanical filters 1.4 Khz. and 6.0 Khz. 100 Khz crystal calibrator. Includes 100 page Navy Handbook of servicing instructions, 24 volt power supply to drive dynamotor (generously rated and well filtered) and spare modular units. Unit is in excellent condition and functioning well. \$120.00. Contact Herb Schuler--K2HPV as above.
- FOR SALE: Ten-Tec Model KR-20 Solid State Keyer with manual. Make offer, Ken, W2FBF,
- FOR SALE: RPTY Distortion analyzer. Make offer. Gary, WA2OMY,
- FOR SALE: Club jacket Man's large--no call. Contact: Fred Newmann, W2EUX,
- FOR SALE: Gonset 6 meter fixed station Communicator G-50. Five element six meter Telrex beam. Both items in excellent condition. Best Offer. Inquiries by mail only please. Frank King, WA2WGA,
- FOR SALE: DRAKE R4 Receiver and Collins 75A4 with following filters 600 hz. 2.1 Khz. and 3.5 Khz. Contact Bill Riches WA2DVU
- FOR SALE: Gladding 25 (Pierce-Simpson) with following crystals: 055-655; 13-73; 16-76; 31-91; 34-94; 52-52; 24-24; 94-94; also new covers and final tube. Contact Bill Frambes,

LES BELLES:

With the cool temperatures we need to prepare food such as they do in the areas of long cold winters, let's try:

BAKED BEANS, ROCKY MOUNTAIN STYLE  
(12 to 14 hearty servings)

4 cups beans soaked overnight in	2 teaspoons salt
12 cups water	2 teaspoons dry mustard
1 medium (3 ounce)	$\frac{1}{4}$ cup brown sugar
onion stuck with	$\frac{1}{4}$ cup molasses, light or dark
2 whole cloves	$\frac{1}{2}$ cup catsup
1 small bay leaf	$\frac{1}{2}$ teaspoon Worcestershire sauce
1 fat clove garlic	$\frac{1}{2}$ pound salt pork, rind on
1 teaspoon salt	3 cups bean liquid and water
1 medium onion, peeled,	
left whole	

To prepare dry white beans for baking: simmer soaked beans in measured amount of water (soaking water if you wish, with onion, bay leaf, garlic, and salt, plus 2 tablespoons butter or solid oil to keep down foam. Cover tightly. Cook until nearly tender, about 1 hour. Best test--put a few beans in a teaspoon. When blown upon the skins will crack. Time will vary according to hardness of water, altitude, and keeping beans at simmering point. Remove from heat. Discard onion, garlic, bay leaf. Pour beans into colander to drain, saving the liquid. Add enough water to make 3 cups.

To prepare cooked beans for baking (in oven or slow-cook electric pot): for the oven, into a 4-quart heavy bean pot, place whole onion with beans on top. Scrape, wash salt off piece of salt pork. Cut nearly through on fatty side squares about  $\frac{1}{2}$  inch deep and  $\frac{1}{2}$  inch apart all over surface. Push the salt pork down into beans, letting only the top edge come up above them. Also--Maybe better cut in enough squares that each serving will have a square the first time around.

Mix together all other ingredients. Add bean liquid. Stir well. Pour over beans. Cover tightly with foil, the pot cover unless it fits tightly. Bake all day or night, a minimum of 6 to 8 hours, preferably 8 at 250° oven heat. For slow electric cooker pot, follow manufacturer's directions. At end of time, if you don't see the sauce peeking through, with a wooden spoon gently add a bit of boiling water around the sides. Give it another  $\frac{1}{2}$  hour, without the cover.

This is another way of economy at the food market and a meal that the entire family will enjoy.