

CROSS



TALK

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Doug Gehring WA2NPD

OFFICERS

President	Mal Mason W2MMD
Vice President	Chas Sketchley K2POD
Secretary	Doug Gehring WA2NPD
Treasurer	Tad Deuber W2CKX
Corr. Secretary	Della Parker W2AFZ

DIRECTORS

Jim Feck W2LWW	Milt Goldman WA2EGR	Van Turner W2KE
Harry Perry	Max Richman WA2SFY	Paul Walton W2YNR

Send all News, contributions and swap items to K2AQL,
Deadline is 2 weeks before monthly meeting.

CLUB MEETING May 2nd 8:00PM at Owens- Illinois Clubhouse

Program Ed Raser W2ZI will be the speaker.

5/62

CLUB MEETING WED. NITE MAY 2nd at Owens Illinois Clubhouse Glassboro

Program will be a special treat for all of us who are interested in the past, present and future of ham radio. ED RASER who has been on the air since 1912 will talk about the hobby. Ed. is a collector of antique radio equipment. Ed has had many interesting and amusing experiences to tell us about. He is retired as officer in charge of communications for the N.J. State Police. Ed's call is W2ZI. The June meeting will be something new as far as we know in this area for a ham club. A program of questions and answers will be conducted with a panel of our own experts on hand.

Charles Sketchley K2POD was appointed as Vice President and Harry Perry was appointed to fill the vacancy on the Board of Directors that Chas. Sketchley held. These appointments by the president are provided in the Constitution in Article II, Section 7a.

CODE CLASS

Doug reports that about half of the advanced class of code instruction are ready to take their test for general class ticket.

HAMFEST

The club Hamfest will be held Aug. 12th at the Algonkin Gun Club field next to the Algonkin Lake. Located 5 miles south of Mullica Hill on route 581.

NEW MEMBER

Tom Gianich WA2VLT was accepted as a new member. We are all glad to welcome you to the club Tom.

CD Drill

Washington town ship is conducting a CD drill Saturday May 19th. Harry Mathis K2RRX requests some help with 6 meter mobile units. Anyone wishing to help in the exercises contact Harry on CA 7 2753.

CLUB NETS FOR 6 and 10 METERS

It has been proposed that club nets be scheduled on every Tuesday at 8:00PM on 28.8 Mcs. and every Thursday at 8:00 PM on 50.52 Mcs. for club members to get together.

CLUB QSL CARDS

A new order of club QSL cards have been purchased. These will be finished in a glossy finish. The cards without your call and information on the back is \$1.65 per hundred. Prices for completely printed cards with calls etc. are as follows:

100	cards	\$4.65
200	"	\$7.40
300	"	\$9.70
400	"	\$12.10
500	"	\$14.50

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BULLETINS

NR 1 CHECK 30
FROM: W2MMD
TO: GLOUCESTER COUNTY AMATEUR RADIO CLUB

APRIL 13, 1962

TEXT X I WOULD LIKE TO KNOW OF ANY MEMBERS WHO WOULD BE ABLE TO MAKE IT A POINT TO VISIT THEM X PHONE 343-8744 - 3,900 HRS. 1/30 50 MBS AFTER 1900 HRS X

MA L MASON PRESIDENT
W2MMD

OFFICIAL BULLETINS

NR 842
FROM: ARRL HEADQUARTERS WEST HARTFORD CONN APRIL 5 1962
TO: ALL RADIO AMATEURS

Canada has signed an agreement with Costa Rica permitting amateurs to exchange communications on behalf of third parties in the two countries. The new agreement follows closely the terms of the agreement with Venezuela reported on page 60 of QST for January 1962. Canadians also may handle third party communications with U.S. amateurs AR

NR 843
FROM: ARRL HEADQUARTERS WEST HARTFORD CONN APRIL 13 1962
TO: ALL RADIO AMATEURS

At the request of the league FCC has extended to May sixteen the date for filing comments on its proposal to charge fees for license applications. See April QST for text of the proposal and procedure for filing comments

JULY CLUB MEETING AT LAKE GARRISON

On July 7th Saturday the club will have a picnic meeting at Lake Garrison. Admission will be 40 cents per person for a reserved area with tables.

TEAR ON THE DOTTED LINE AND FILL OUT AND GIVE IT TO THE FIELD DAY COMM.

FIELD DAY JUNE 23-24 1962 AT OBERST LAKE

		YES	NO
I will attend Field Day	Friday to Sunday	_____	_____
	Saturday to Sunday	_____	_____
	All day Saturday	_____	_____
	All day Sunday	_____	_____

I will want _____ meals
No. of

(Direction for finding Oberst Lake will appear in June CROSSTALK)

Re: YOUR CLUB QSL CARD

5/62

I hope all of us are aware that as such, our club QSL card represents a real bargain. I don't know howelse we could get such a beautiful card for the low price of, I think, of \$1.65 per 100.

There is just one fly in the ointment and that is the card is blank as to call letters and reverse side comments. This is easy to understand as it would be impossible to offer a complete card at the above price. Utilizing known commercial printers, our "price break" soon is lost although we do end up with a pretty nice card.

The idea I would like to present will not appeal to all but I am willing to bet that a few of you people would be more than interested. In true ham fashion, I have come up with a solution to help keep the total cost of the QSL card down and still send out a neat and presentable card. Here is what I did. I had a rubber stamp made up for the reverse side comments that looks like this:

```

RADIO.....CONFIRMING
OUR QSO OF... ..196
UR FONE-CW SIGS R....S...T...
AT.....ST      ON.....MC
RCVR HR IS.....TX.....
.....AND ANT IS.....
REMARKS...

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(Actually this is double spaced)

PSE QSL TNX 73,

This stamp has been exceptionally well made and the impression it leaves gives the intention of it having been printed. Maybe you have seen it if you worked me and I QSLed?

For the front, beings I work with punched card equipment, I ran off some labels showing my call and a line calling attention that K 2 O J X is a member station of you know what.

At the beginning of this idea I was given the cost of the stamp to be around \$3.00. Much to my annoyance, when the stamp arrived, a bill came with it and I paid 6.00. This is not too bad to take if I can get some real use from it and will now get to the commercial. GO ON AND SUPPORT THE CLUB QSL PROGRAM AND BUY YOUR SELF A COUPLE HUNDRED. I will gladly stamp your cards at the club meeting and if you donate 25 cents toward the stamp I will be very appreciative. I might be conned into stamping the QSLs of some of the younger members for nothing. Enough said, I'll see you at the meeting.

73,
Bernie Cohen, K2QJX

WANTED: Used ammunition reloading equipment of any sort. Please contact me, Bernie Cohen.

FOR SALE: Real nice HEATHKIT SIXER with crystal, real cute 1 inch output meter built in and 12 volt mobile power supply. Spare final tube included. All for \$35 and I will see you at the next club meeting or my house. Bernie Cohen,

SOME NOTES OF CONELRAD ALARMS

I presume everyone is aware of the FCC regulation concerning the requirement for some means of CONELRAD alarm system for all stations when they are in operation. Some of us use a TV set or a BC set. These are fine if they are capable of indicating an alarm during the time your transmitting. And that these sets are not loud enough to be heard on the transmitter by the party at the receiving end. Many home BC sets are susceptible to DCI, these are useless as a conelrad alarm. However, they perhaps could be modified with a low pass filter on the antenna input if they don't have a built in antenna. There is nothing that can be done to a BC set with a built-in antenna if it has DCI. There is one way to provide a reliable alarm system, and that is to use a BC set as the FCC says it, "Of good engineering design". A BC set of good engineering design is quite common in our country. Nearly every automobile radio of good quality is such a set. They have to be to operate near the ignition system in a car. Did you ever hear of anyone getting DCI on a car radio except for perhaps those very cheap sets. (This fact about BC sets is also handy to know if your neighbor complains about DCI. Ask him if he can hear you on his car radio).

Car radios that operate on 6 volts are easy to convert to 110 VAC. All that is needed is a 6 VAC 10 amp filament transformer. Remove the vibrator from the set and disconnect any center tap from ground on the primary of the vibrator transformer. Lastly connect the secondary of the filament transformer to the primary of the vibrator transformer. Also check the filament wiring in the set and connect it to the filament transformer. I have converted several and this conversion method worked on everyone. Old used 6 volt car radios should be available at junk yards etc. very cheaply.

A radio as such is not a conelrad alarm until something is done to it to eliminate the need for listening to the program material. An ideal alarm would be a red warning lamp or a buzzer when a conelrad alarm is in effect. In the figure shown is a circuit which turns on a relay when the radio station leaves the air. In this area WIP is strong enough to provide enough AVC voltage to hold a 12AT7 in a cut-off condition while their transmitter is on the air. The relay in the plate circuit is normally not energized. It only becomes energized when the AVC goes to zero volts. At this point the plate current will be sufficient to operate the relay. It is important that you use the proper resistance in series with the relay as shown in the chart. So measure the B_1 voltage on your radio before you complete the modifications as shown. A word of caution, this circuit will work only with a 12at7 and the relay specified herein. To use any other relay would require the selection of another value of series resistance, for proper performance. The relay contacts can carry 5 amps so you could use it to turn on almost any type alarm that you desire.

de K2AQL Woody

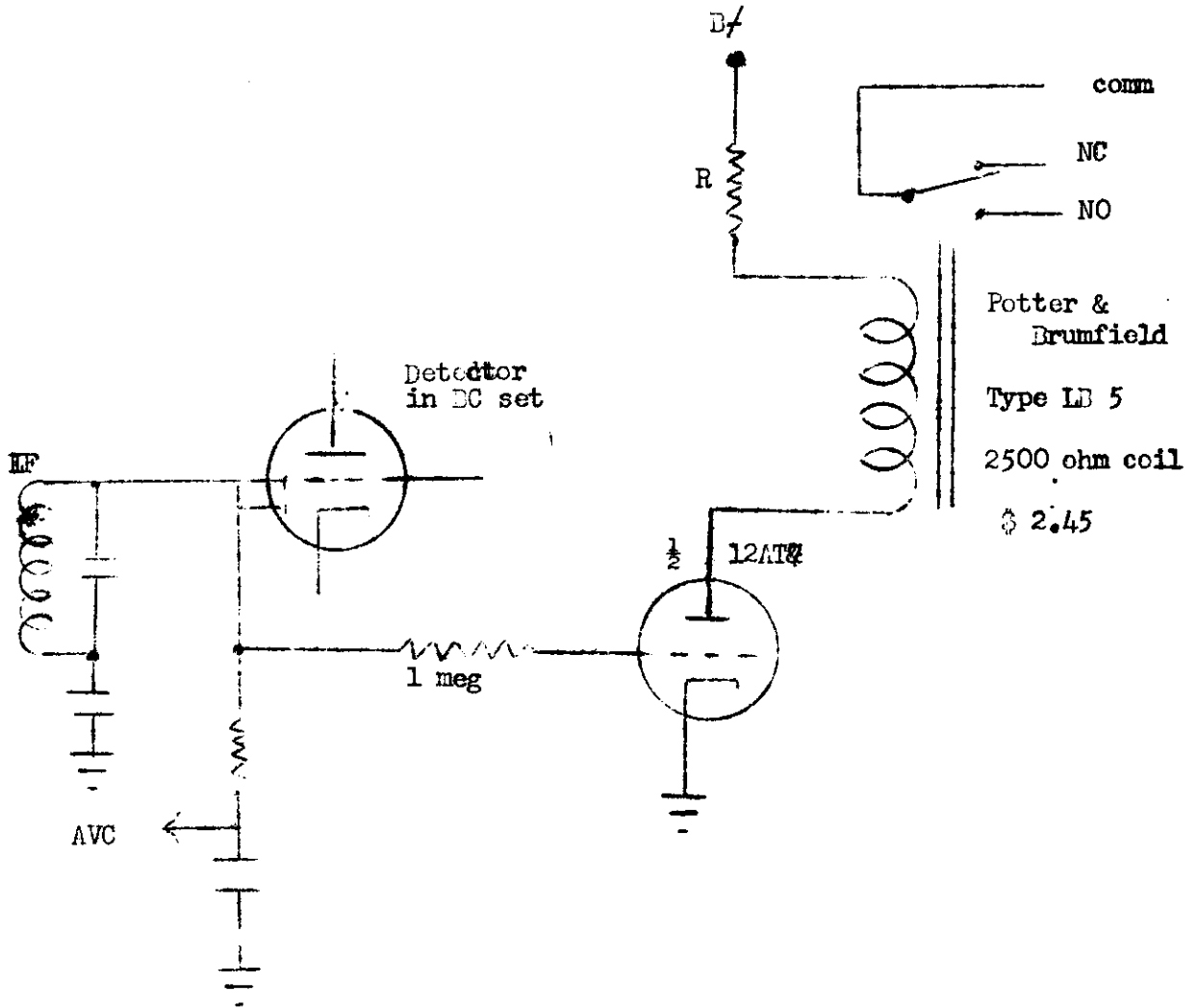


Chart for values of R in ohms

Bf	R (ohms)	Power (watts)
275 vdc	15,000	4 watts
250	12,000	4 watts
225	10,000	2 watts
200	7,500	2 watts
175	5,000	1 watt
150	2,700	1 watt
125	0	

Minutes of the Board of Directors Meeting
Home of Paul Walton, April 18, 1962

Present:

W2MMD
W2YNR
W2LVW

WA2NPD
K2PQD
W2AFZ

K2AQL
W2CKX
WA2SFY

W2KE
WA2IAZ

The meeting was called to order at 8:20PM by president Mal Mason. Minutes of the previous meeting were read, corrected, and approved. Corresponding Secretary Della, W2AFZ, has written letters to the ARRL, and to Herb Brooks (SCM) informing him of the coming Ham Fest and the Club's part in the shore disaster operation. Also a new revised edition of the latest FCC regulations has been ordered. Joe Welsh, the FCC engineer in charge of the Phila. office, has informed that all Ham's and club members should personally write the FCC conveying our feelings toward the proposed license fees. K6BCX will be sent a copy of the old Club certificate for a possible picture story in CQ. The ARRL national convention will be held in Portland Oregon, Sept. 1, 2, and 3. In addition, Della has begun a Ham Fest calander for this years Ham Fest. Treasurer Tad Deuber, W2CKX, reported a balance of \$376.30, having collected \$40 in dues, about \$78 from the white elephant sale, and recent bills paid were \$21.88 for the ping pong table and a \$60 deposit to the Algonkin Club (Ham Fest site).

Committee Reports

Membership- W2MMD presented to the acting chairman W2LVW the application of Thomas J. Gianich, WV2VLT, for associate membership in the club. Following discussion, it was moved and seconded to accept the application.

Program- Max, WA2SFY, informed that Ed Racer, formerly of the State Police, will present a talk at the next meeting on his Radio experiences. The June meeting will feature a question and answer session, a panel of experts will be on hand to answer all questions concerning electronics, radio, code, etc. that may arise from the floor.

Awards- Della reported no new awards this month, but Jim, W2LVW, mentioned that a group of Hams from Reading and Lancaster Pa. are after contacts with GCARC hams.

CD- Van, W2KE, attended a CD regional meeting in Cape May to discuss emergency communication measures of the past, present, and future. May 19th, we will participate in a CD drill to be held in Washington Township. Help is needed on 6 meters mobile. If able to help, call Harry Mothis, K2ARX, at CA 7-2753.

Code Class- Doug, WA2NPD, mentioned that the current General class will terminate this month. Classes are planned again next September.

Ham Fest- Paul, W2YNR, has reserved the Algonkin Club for Sunday, August 12. Plans are underway to make this affair its usual success.

Field Day- the May issue of Cross Talk will have complete details.

Cross Talk- Woody, K2AQL, will have a special article on Conelrad for the next issue which may be a bit late due to the Easter holidays.

Old Business

Mal informed that the QSL cards have arrived and are on sale at \$1.65/ 100. The following prices are available for the QSL cards

Old Business cont-

including the printing of Call Signs: \$4.65/100, 7.40/ 200, 9.70/ 300, and 14.50/ 500.

At W2LVW's suggestion, an audit of the books will be carried out in the near future.

After discussion, it was decided to initiate two club nets, on 10 meters, (28.8 mc) and on 6 meters, (50.52 mc). Jim Peck, W2LVW will be net control on 10 M on Tuesday nights at 8 PM, and Max Richmond, WA2SFY, will be net control on 6 M on Thursday nights at 8 PM. The club call, WA2NGI, will be used and all members are urged to participate. Start up time will be announced later.

The meeting in July, a picnic at lake Garrison, will cost 40 cent apiece, children under 5 free. Tickets will be given out beforehand to all those who are going.

New Business

President Mal Mason announced he has appointed Charles Sketchley, K2PQD, as vice president and Harry Perry, WA2IAZ, to fill the ensuing vacancy on the Board of Directors.

W2YNR suggested that envelopes be prepared containing all the essential items to be presented to new members, thus new members will receive all items and information due them.

K2PQD suggested that club calanders (for the Shack's desk top). This idea will be investigated.

Charles Sketchley was appointed Membership chairman.

It was again pointed out that new keys were to be made for the Ham Shack, one key for each Club officer. This will be followed through.

The meeting was adjourned at 10:25PM and excellent refreshments, including a birthday cake, were served by W2YNR's XYL.

Respectfully submitted,

Doug Gehring, WA2NPD