

FEED BACKGEORGIAN BAY AMATEUR RADIO CLUB NEWS

Editor Bill VE3EFX

OCTOBER 1975

Executive President Dick Shave VE3BIS  
 Vice Pres. Dave Dixon VE3DXO  
 Sec. Treas. Cy Weaver VE3DQA

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The September meeting was attended by 23 members and visitors. The visitors were VE3CAC, VE3FCW, Bill Vooght, and Bob Steele both of whom hope to get into Amateur radio.

The minutes of the previous meeting were read and accepted, and the financial statement showed that we had \$134.49 in the bank and \$19.67 cash in hand for a total of \$154.16

VE3EFX asked for help with the Walkathon in Port Elgin which is mentioned later in this issue of reedback. Also the mini rally which is covered on the same page. VE3HIP gave an account of the Coffee Break held in Owen Sound arena on Sept. 14th. This gave some of the new amateurs experience in this type of operation and was a good tryout for the Split Rail Festival in Flesherton at the end of the month. VE3BIS mentioned the 2m net on VE3OSR which meets every night at around 7pm in order to move traffic into, through and out of this area. All stations are urged to check in and at the same time monitor the CJ net and OPN. we have handled quite a bit of traffic on the repeater so far .

VE3BSF is interested in chess players who may want to challenge him on the RPTR, so if you fancy your chances, call Verne between 10 and 11pm.

Very interesting slides were shown by VE3BIS, who also had some of the Field Day and repeater antenna raising operations.

There was an auction of a box of parts donated by VE3EFX, auctioned by VE3BIS and won over stiff opposition by VE3HIZ, last of the big spenders. Who says fixing cars doesn't pay off?

The meeting ended after a movie 'IT'S TIME' Coffee and doughnuts wre served.

As of this writing it looks as if we may be in for another mail strike so the volume of traffic on the bands is likely to increase. If you haven't handled normal traffic before you had better get familiar with the format. Message blanks are available from ARRL and it pays to have a pad handy, especially if you check into traffic nets.

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Jim, VE3CRV says that the first class for budding amateurs will be held at 7pm on October 7th in the Georgian College of Knowledge. If the required number show up and profess an interest in getting the license, Jim will get right into the course and within another week or so it should be possible to organise a group to send slow code over the air.

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Where are all the guys who took exams in June ? No sign so far of VE3FTW, VE3HXV, VE3HXW or Barry Ferguson.

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K5EVE/VE3 has a new Multi 2000 now and I think Gene plans to do some satellite work with the Oscar's. I note that there is talk of a HF Oscar next year if it can be developed and built in time for a Spring or Summer launch. It would use 5m uplink and 10m downlink. The QRM should be spectacular on this one.

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No more has been heard of the club certificate that we thought might materialise last year. How about the executive working on this and coming up with some plans for a Worked All Georgian Bay Award? It could provide some activity and maybe some revenue for the club.

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More rumours from Hanover that VE3DQA may appear on the Sunday net on SSB. It'll be nice to hear you Cy.

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I haven't heard any comment from the membership on the article in TOABY VE3AR. Incentive Licensing could have far reaching effects on ham radio in this country. What do you think the introduction of Novice and Extra class Licenses would do for amateurs in Canada ? Comments for the November Issue should be in my hands by the 25th of October at the latest.

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The picnic at Woodland Beach, the country seat of VE3AKC, was a great success in August. All those who were there had a good time . Thanks to Art and his XYL.

On October 26th at 10am a clandestine transmitter will be in operation on 146.94 Mhz in the area bounded by Hwy's 21, 9, and 6.

Transmissions will be made each ten minutes starting at 10am, each one lasting 30 seconds. Some will be modulated and some will not.

At 10.50am transmissions will be made every five minutes

All those who wish to take part in the search for this transmitter will start from Southampton where the odometer reading will be checked.

Only two people will be allowed to ride in each car. A driver and a radio operator.

.\$1 entry fee will be collected and the total collected will go to the club.

The winner will collect a QSL from the transmitter in use.

In the event of a pair of teams arriving simultaneously, the car that covered the least distance will win.

Due to the rather full calender of events that the club is involved in, the above date appears to be the most suitable one. The hidden TX will be operated by VE3's HIR and EFX and we will put it on regardless of the number of entries. This will give you all enough time to organise some gear and I hope the Wx is good that day.

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VE3HIR and VE3EFX have both received the award put out by the Peterborough club for contacting two XK stations. VE3HIR is well on the way to qualifying for the Calgary Century Award also.

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On Sunday August 31st VE3EFX, VE3HIR and VE3EYN took a 2m base station in to the shack of VE3ATR, Rube in Kincardine and got him on the 2m band for the first time. Rube is an old timer in the area having held a ticket since 1938. He is very busy on the cw nets and we hope to get a better antenna up in the near future so that he can work through VE3GOD also.

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Rumours are about that the sunspot cycle has bottomed out and an increase is due to start now so we may see an upswing in DX conditions this winter. The WWV forecasts are worth watching if you want to know what the propagation is going to be like.

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The Slack twins , VE3HIN and VE3HIO have a Prog Line mobile rig for sale, call them on the repeater for details.

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Don't forget the GBARC net at 9.30am Sunday on 3.783mhz. Call in on ssb or cw.

How about a TVI lecture ? Any offers to give one ? Just a short talk on prevention and cure could produce an interesting question period.

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RSO is rapidly falling out of favour it seems, primarily due to the inefficiency of Box 334, Toronto. At least five club members are dropping out in favour of ARRL. The situation where individuals see little or no return for their membership is intolerable and when the Ontario Amateur is coming out two months late, it discourages support.

The ARRL has already given the club massive support in the form of a parcel of literature for the exhibition stations we are putting on, and we are not even affiliated yet. QST is a must for any active amateur who wants to know what is going on in the world of communications.

As your delegate to RSO it is my job to promote the organisation but I am finding it increasingly difficult to do so effectively. Part of the problem is that the RSO has not had the necessary support of the Ontario amateurs. Even those who proclaim their support don't show up at the conventions, picnics etc. that the society sponsors.

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The Coffee Break operation went off very well and there appears to have been a lot of interest shown in the Amateur exhibit among the GRS equipment. Thanks are due to VE3s HIP, HIO, HIZ and VE5HW/3 for their efforts in the venture.

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On the 20th of September the club provided communications for the Walkathon run by the Port Elgin Lions club. The walk was over a 15 mile route through and round Port Elgin. Approximately 90 people took part and the event was to raise funds for the Olympic athletes. Five mobiles took care of the communications, VE3EFX/m was at the High School where the walk started and finished, VE3EYN/m was at the first checkpoint, VE3HIZ/m at number two, K5EVE/m at number three and VE3BIS/m at number four. VE3EFX was assisted by VE3HIR, VE3HIZ by VE3HIO and K5EVE had K5RAE with him.

The walk got underway shortly after 9am and the last walker passed through the fourth checkpoint shortly after 3.15pm. We wrapped up the operation at 3.30pm. The Lions club officials were pleased with our performance as the radios helped keep each checkpoint informed as to the position of the walkers and made the movement of food and medical supplies faster with less driving around.

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K5EVE/VE3 has been successful in working through the Oscar 7 satellite and he is now planning a better antenna setup.

On Sunday, September 21st, the Motor Club had a mini rally in a gravel pit near the Bruce Nuclear Complex. The GBARC members were asked to provide mobile radio facilities for the event at short notice. At 1pm four mobiles were in position at the track, VE3EAR/m at the entrance to keep out anyone who might wander on to the course, VE3CAC/m at the start, VE3EFX/m at a vantage point where any car in trouble could be reported and VE3HKV/m was at the far end of the course watching the other entrance. We also had VE3ATR and K5RAE monitoring the Kincardine RPTR in case medical or other assistance was needed.

We intended to use 94/94 as there was little chance of interfering with VE3OSR, but VE3HKV didn't have this channel so we used VE3KIN on 46/06 and this allowed the monitors in Kincardine to hear all the action.

There was some pretty spectacular driving and the only problem seemed to be some of the cars getting stuck in the rather deep water holes.

When the rain came on the event was terminated as one of the motor cycles skidded badly on the very slick surface and there was no sign of improvement in the heavy rain.

The members of the Motor Club said they were very pleased with our performance and indicated that they wouldn't have managed without us. It was a good chance to get some practice for October 18th and we saw a preview of the kind of driving that will take place on the rally.

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Latest word on the October 18th rally is that we require at least 10 stations. This includes a base station at the Sutton Park Inn, Kincardine where the event starts and finishes. All those taking part are asked to be at the start by 2pm where they will pick up their marshal and/or instructions. I believe that we should use 94/94 and my base station at Tiverton should be able to work all the mobiles. It will relay any traffic in to the station at Kincardine. The rally starts at 5pm so come prepared to stay till midnite and BRING FOOD AND DRINK. If you are too dumb to remember the eats, don't clutter up the channel with a lot of garbage about how malnutrition is setting in. Bros. Slack & McTaggart pse note.

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You may note that this issue is a page short, the reason being that VE3DXO didn't come through with his story as requested last month. He is nominated again this time for the November issue and if nothing is forthcoming we'll drop the feature. I have approached one or two people for this type of story and the usual reply is a five minute monologue on how busy they are. Well I wonder how they think I can find time to spend up to 12 hours a month getting the newsletter material, typing it, duplicating it, making up the copies, addressing and stamping them.

The Split Rail Festival in Flesherton was a very successful venture. The 2m rig and the HF station worked out very well. A large vote of thanks is due to the club members who did so much to get the station on the air. VE3HIP and VE3FOT put in a considerable amount of time prior to opening day and the work done by Stan Guzonas in getting up the tower for our antennas deserves special mention. The 2m rig had a very good signal into the repeater and, it was getting up to the Northbay area on the Saturday afternoon causing chaos among those taking part in a transmitter hunt on 94.

The HF rig worked out well using the W3DZZ as an inverted V and much amazement was heard emanating from those unaccustomed to working VE1 on 80 metres. Most of the contacts were made on 80m but some were made on 40m and VE3EPX got into Calgary on Sunday afternoon.

Many enquiries were made regarding the hobby and a couple who live in Markdale plan to join the course in Owen Sound. Quite a few amateurs visited the display which was located right next to the CB booth, so a good comparison could be made. One couple from Argentina came along and I hope to put them in touch with the Scarborough club so that they may get into amateur radio in this country. After the close of the display we all went to the home of VE3FOT for an excellent meal and refreshments. Harvey and his wife Marion are to be thanked for a lovely evening leading to a pleasant weekend.

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For the benefit of those who can't remember when the meetings are held, the next one is on OCTOBER 16th at 8pm in the CIAG Computer Bldg, Owen Sound. VE3DTS note. The club meets on the THIRD THURSDAY of each month unless you are told otherwise.

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I was supposed to have an agenda for the next meeting but it hasn't materialised so you can come and be surprised, pleasantly I hope.

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One criticism of the Split Rail operation that I want to close with, is the way the log was kept. There were no sheets left for the Sunday and somebody filled up at least two sheets with Ontars checkins. Also the log was not kept in GMT and the frequency was not always put in. If Jim is to answer QSL's he needs the proper information. Is this an indication of the way YOU keep your log? I hope not. I handed out a pile of literature on Sunday and there was a lot left so it might be a good idea next time to spend more time on PR and less on operating. Otherwise the mission was very well handled. Many thanks to all who took a hand in it. Next year we should be able to improve on our performance if we give it a thought.

# THE SIX STAGES OF A PROJECT

1. ENTHUSIASM
2. CONFUSION
3. DISILLUSIONMENT
4. SEARCH FOR THE CULPRITS
5. PUNISHMENT OF THE INNOCENT
6. DECORATION OF THE NON - PARTICIPANTS

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We are now organised to handle traffic into this area via the repeater each night at 6.45 to 7pm. All stations should check in on VE3OSR in order to be able to take traffic for their town if necessary. The CJnet and OPM sometimes need stations in the Georgian Bay region and this is one way to speed up traffic into the area. The 2m net will run every day and the first station to call in is net control.

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Those who were at the corn roast put on by the Bluewater Club had a great time and met a lot of the amateurs active on VE3GOD. The wx was excellent and the food included corn, beans, hotdogs, tossed salad, ice cream, lemonade and coffee. A rough count showed that there were over 40 in attendance and some came from as far away as Michigan, Kitchener and Southampton. Many cameras were in evidence so there should be no shortage of pictures. As far as I could see, most of the hams were on 2m mobile. VE3BIS was enthralled at the sight of all the rigs ranging from TR22's and Icoms to Multi 2000 and HW 202. He wanted me to create a diversion down by the lake while he ripped off a few goodies, but I declined and I understand he was forcibly removed in a straightjacket.

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I got a reply from the Minister of Communications, regarding my letter in June. It is too long to reprint here and it doesn't really tell me too much except to say that he was joking. You may have noticed that he has now been removed from office and sent to France as ambassador.

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I'd like to see all those on 2m getting 52 /52 in their rigs for simplex operation. as it is widely used in most of the large population centres where 94 is a rptr freq.

AUDIO RECTIFICATION: SYMPTOMS & PROBABLE CURES

LEVEL OF INTERFERENCE INCREASES	PROBABLE POINT OF ENTRY	METHOD OF CHECKING	POSSIBLE SOLUTION IN ORDER OF PRIORITY OF APPLICATION A QUALIFIED TECH. SHOULD PERFORM ANY INTERNAL CIRCUIT
LEVEL OF INTERFERENCE DECREASES	Unshielded speaker leads Shielded leads are not to be confused with outer shield being a conductor the two wires conducting the signal should be in- side an outer shield.	Insert shielded stereo headphones (if when inserted the speakers , are automatically dis- connected).	1) Re-position speaker leads 2) Replace speaker leads with shielded speaker leads. 3) Insert a .01 uf disc. ceramic capacitor from each speaker lead to chassis ground.
	Overload of amplifier at an unknown point after volume control.	None	See circuit #1. Insert filtering at the points shown. Stereo amplifier will require the filtering at each amplifier input. A ferrite bead of 1 $\mu$ h can be used in place of inductan- L, (place it physically over the base wire of the trans- istor). Choose capacitor values which do not affect audio (suggested values between 100 & 250 pF, keep all leads as short as possible.)
	Phono leads from cart- ridge to phono input; phono cartridge	Remove power plugs, (or recorder plugs) from input to amp., if interference ceases, point of entry is con- firmed.	1) Wrap phono (or recorder) input lead with clean foil, bond foil to chassis ground 2) Replace phono input leads with "shielded" leads 3) See circuit 2 or 3 (circuit 3 R.F. choke interference 30-100 MHz, choke value 5-7 $\mu$ H, 80-200 MHz 1.5 $\mu$ H)
	Recorder magnetic heads. Recorder leads between magnetic head and rec- order input to amplifier.	Remove input plugs to amplifier, if inter- ference ceases, this confirms point of entry.	As above for phono See also circuits 2 or 3.
	Poor grounds; cold solder joints. Electrolytic capacitors long unshielded cables A/C power lines	Visual check	Re-solder cold solder joints; shunt electrolytic capacitors; replace unshielded leads with "shielded" leads. Install power line filter (see figure 4) using capacitors certified as being safe for power line use.



FIG 1 AUDIO AMPLIFIER FILTERING

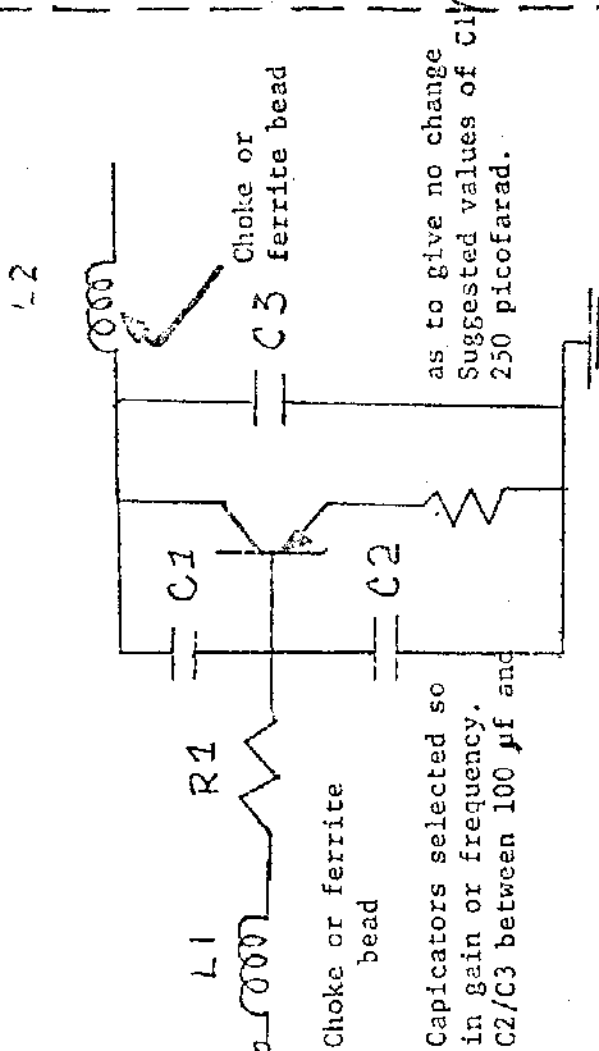


FIG 3 FILTERING AT INPUT TO AMPLIFIER

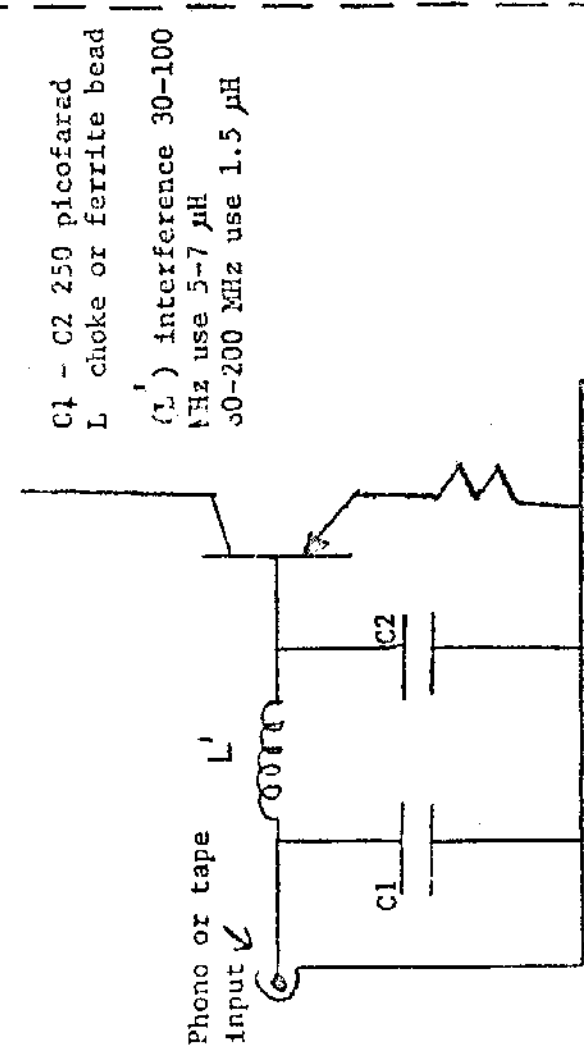


FIG 2 FILTERING AT INPUT TO AMPLIFIER

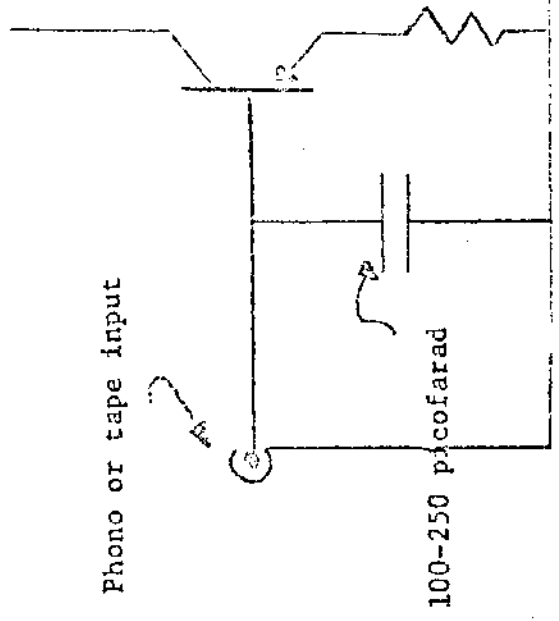
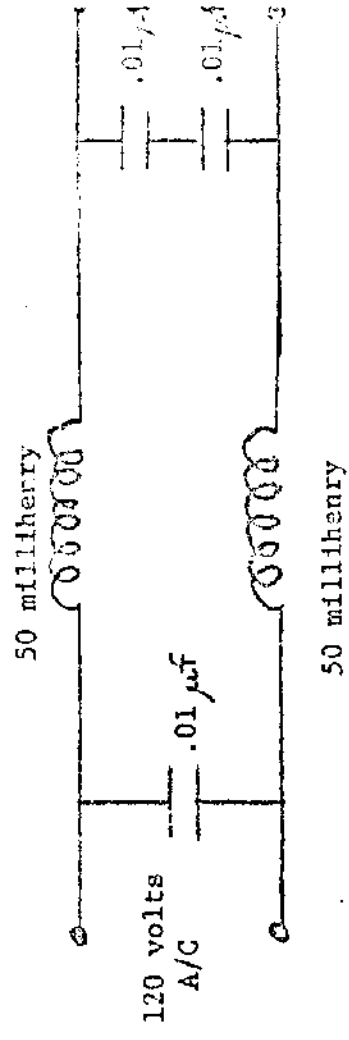


FIG 4 A/C LINE FILTER



Use only components certified safe for use in power line wiring