



FEED BACK

GEORGIAN BAY AMATEUR RADIO CLUB NEWS

Editor - Jim VE3HIZ

SEPTEMBER 1976

Executive:

President - Dave Dixon VE3DXO

Vice Pres. - Ian Trenholm VE3HIP

Sec. Treas. - Cy Weaver VE3DQA

PASSING OF AN EDITOR

In case you haven't heard you have a new editor for Feed Back, me, VE3HIZ. My name is Jim McTaggart, my address is Box 978 Southampton and I would appreciate anything of interest you could send me for Feed Back. Your comments are welcome and any comments sent will be published if they are signed.. I hope I can maintain an accurate and interesting report of club events and happenings.

I think at this time we should all thank Bill VE3FFX for his contribution to the club and for editing Feed Back for so many months. Although not everyone agreed with Bill all of the time he published all comments sent in and was always ready to defend his statements.

THANKS BILL
Jim VE3HIZ

VE3HXX GOES DX

At approximately 8:00 AM on Saturday, August 14, Dick VE3BIS, Jorgen VE5HW/3 and myself arrived at the home of Ian VE3HXX for an antenna raising party. The weather was threatening and rain was forecast but we were hopeful that all would go well. The beams were given final checks and at about 9:00AM Art VE3HP and Ian VE3HIP arrived and work got under way.

All went smoothly with Dick and Jorgen handling the high wire work and the rest of us working ropes and having a rag chew at about 12:00 noon VE3HXX could claim a 60 foot tower with tri-band beam, a 2 meter long yagi, a 2 meter $\frac{5}{8}$ wave verticle, and a trap dipole.

Rain finally struck a few minutes after completion but all was well and dry by that point.

Good luck with the new equipment Ian.

Jim VE3HIZ

I hear that Bill VE3EFX has had some good satellite contacts, and I would like to hear if anyone else in the club is using it.

The DOC has approved a trial for a Canadian Intruder Watch, anyone interested in joining this service should write to the CRRM immediately to get things rolling as soon as possible.

Well thats all for now and I hope to see you all at the next club meeting.

73 for now,

Jim VE3HIZ

CLUB MEETINGS AT 8:00 PM SHARP THIRD THURSDAY EACH MONTH
AT CIAG COMPUTER BUILDING, 922 - 2nd AVE. WEST, OWEN SOUND.

FOR SALE ITEMS

One Gotham Triband Quad -Contact Bill VE3BFZ

One Johnston Viking 11 Transmitter, Pico 722 VFO -Contact
Ian VE3HIP

One Johnson Viking Transmitter - Contact Bill VE3FOF

P.S.

DONT FORGET THE SUNDAY MORNING NET 3.783 Mhz. AT 9.30 LOCAL TIME

PPS - Don't Be surprised if some of the pages of Feed BACK are from re-cycled material -- We'll save the club funds whenever we can. HI.

VE3HIP

GEORGIAN BAY AMATEUR RADIO CLUB

NOTES AND COMMENTS FROM THE SECRETARY

I hope there is some information of interest to the club membership in the attached CRRL newsletter.

A request has been sent to ARRL for hand outs and literature for use at the various functions we will be attending this fall and winter, however todate has not arrived.

Amateur Radio Today with the free poster as mentioned in the newsletter has been ordered.

The ARRL Repeater Directory has been ordered and copies should be available at the September meeting.

A number of memberships were received during the summer, however application forms with necessary information is required for some. A complete list of club members with addresses will be ready for distribution at the next meeting.

Any club member wishing to become an official instructor please contact the Secretary for the necessary forms.

GEORGIAN BAY AMATEUR RADIO CLUB

1976 FIELD DAY REPORT

BY VE3HIP Ian

Field day exercises of the club this year was set up at the ponderosa of Ian - VE3HXX. Two club stations were set up for competition, one on 'phone' and the other cw. Two meters was used for information and direction.

An attempt was made on Friday night to erect the two tents to be used for station locations. By the time Cam, VE3CTQ, Ian VE3HIP and the Scouts, Paul Crozier and John Cipryk got the poles sorted out, it was too late. Darkness and the mosquitos got the best of us so that chore was left for Saturday morning. I think Cam and his Scout group lost 30 lbs. each swatting mosquitos under that sheet of plastic. HI !

In all 19 people took part over the 27 hour period and we have a claimed score of 1,302 ^{not counting} ~~less~~ the bonus points which will be added at ARRL HQ. The legal tally which could be used after deduction of duplicate calls and club member QSO's was 145 cw contacts and 361 'phone QSO's. The ground plane worked well (after locating a broken lead in the connection) until about 4:30 when that band went flat. Most of the contacts were made using the two trapped dipoles and did not seem to interfere with each other as in other years when the phone station was used ~~for~~ with a beam.

Bill's Uniden rig did a good job until either the sun or the operators got too hot. It looked like a final went

field day cont:


but seems ok now that he has it back at its home QTH in Port Elgin. We were lucky to have the FT 200 of Mike VE3HIN to fill the void. Other than shutting down for the lightning storm on Sat. nite, both stations were on continuous operation.

Since field day I have been talking to Jim VE3EMQ/P on 2 from Lions Head. Our club had a semi-official challenge (?) with his Woodstock club for field day points. He tells me they had about the same number of people involved and ended up with a score of 1,500 or more. Congratulations to Jim and his group on their first field day set up. We must have a joint club meeting this fall and present the 'Cold Weiner' trophy. All that aside Jim, we hope your club made the 'Rusty Brennen' award.

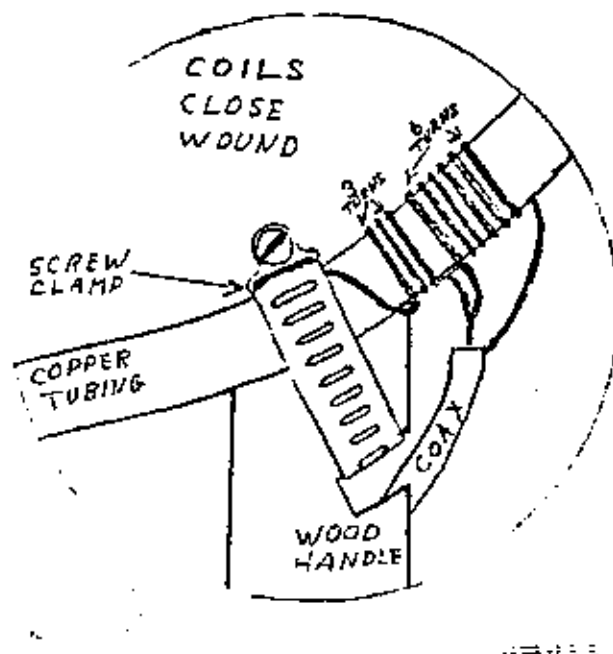
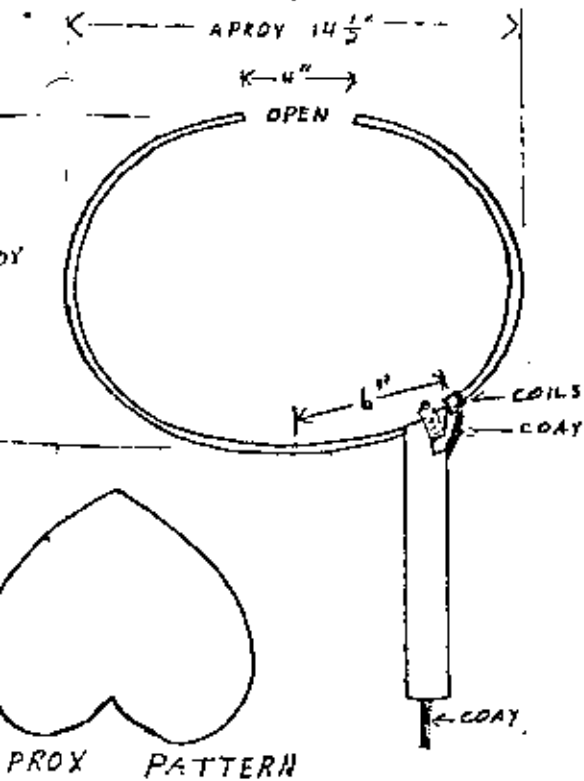
A welcome addition to the site this year was a constant supply of hot coffee, thanks to Verne VE3BSF and Ian VE3HXX.

My personal thanks to all those club members and others who contributed gear, equipment, generators, service truck, etc, and we are looking forward to next year f.d. operations.

73


Ian VE3HIP
F.D. co-ordinator.

GROUNDHOG SPCL (H1)



CUT A PIECE OF $\frac{3}{8}$ " OR $\frac{5}{16}$ " COPPER TUBING 36" LONG. PUT A MARK OR PIECE OF TAPE HALF WAY ON TUBING. FORM AN OBLONG LOOP APROX 16" HIGH AND $14\frac{1}{2}$ " WIDE WITH AN OPENING OF 4" ON TOP, 6" FROM BOTTOM CENTRE, MAKE A COIL OF THREE TURNS FROM HOOKUP WIRE. PUT ONE END UNDER CLAMP THE OTHER END TO CENTRE OF COAX. THEN SIX MORE TURNS, ONE END TO SHIELD, OTHER END TO CENTRE CONDUCTOR OF COAX. BOTH COILS CLOSE WOUND. A HOLE CAN BE DRILLED THROUGH HANDLE FOR COAX OR IT CAN BE TAPED TO HANDLE. I PUT SOME AUTO BODY FILLER AROUND THE COIL AND TOP OF HANDLE TO COVER UP THE MESS. DON'T ROUTE THE COAX THROUGH CLAMP AS THIS SEEMS TO FOUL UP THE NULL. DON'T PUT THE HANDLE OR COAX IN CENTER OF LOOP, AS THIS ALSO DOES FOUL THINGS. THE S.W.R. / WELL ITS FOUL TOO. I TRIED A GAMMA MATCH AND ANOTHER THING THAT MADE MY JUNK BOX GO DRY AND GOT THE SWR DOWN. I LOST SENSITIVITY AND OVERALL PERFORMANCE. I WOULD SUGGEST A SWITCH AND TRANSMIT FROM YOUR MOBILE ANTENNA. ALSO IF U HAVE BEEN HUNTING FOR AWHILE, COULD IT BE POSSIBLE U DONT KNOW WHERE TO POINT THE THING TO BE HEARD?

HAPPY HUNTING

Eric VE3HMG

PICKED THIS UP FROM OSHAWA CLUB

JACK VE3DTS

CATCH 76

The annual 1976 Georgian Bay Amateur Club fishing trip got away from the Sauble Marina docks at 9:19 AM on Aug. 8.

This year we had many conflicting dates to contend with, so in future we intend to set the date early. That will allow all of you to fix your priorities.

This year we had twelve souls aboard the good ship Sauble Clipper, Mel VE3OX, Fred VE3WF, Jack VE3AFN, Jack VE3A7B and daughter, Charlie VE3AYM, Morris VE3BDA the operator, Dick VE3RIS the dis-organiser, Marion VE3FDO, Fred VE3GCP, Mike VE3HIN and OM Ken.

Those who paid and were not able to make it, Harold VE3DWH, Mike VE3GFN and Bill VE3BFZ all wish to leave their money in the club coffer. Actually the trip cost \$90.00 so it will just even out with 15 paid at \$6.00 each.

In passing you will notice that only six are club members, not a very good showing.

Threading round the sandy banks and entrance bouys we put out to sea. The lake was gently rolling in from the North West, 8-10 knot breeze, clearing, with blue sky to the North.

Chiefs Point to starboard at one mile looked uninhabited. Olifant appeared between islands covered with spruce and cedar. The sun was warm as it broke through the clearing skies.

Morris directed as Fred piloted us to one of Morris's secret fishing holes. The rods were soon dipping in the clear azure water of this beautiful island-studded paradise.

The honour of first catch went to VE3HIN, Mike, with a six inch perch, followed closely by VE3RIS who snagged VE3HP on 34/94. The Multi Seven using nicad batteries and a mag mount 5/8 whip on the cabin roof was on monitor all day.

VE3AFN challenged VE3BDA to cribbage and the gloves were off and so shortly were Jacks pants as Morris is some what of a card sharp, particularly at bridge.

Another catch, this time a rock bass on but got away. I think the real fishermen, Charlie, Ken, Mel, Marion, Fred, Jack and daughter, landed about six or seven one pounders for the total days catch, nothing spectacular but lots of fun. Fred VE3GCP didn't go for his usual swim this year, guess he must have the bath tub at home working again.

Lots of fun moving to a new fishing spot, all reports on the radio were indicating overcast with showers but for us clear skies and very good company.

Fat Jack broke open the pig tails at 12:30 by 1:00 they were piping hot on the galley campstove, a few beers were opened and lunch got all hands to the cabin pronto. Even Fat Jack, who was sweet talking Jack's daughter, came back in. Charlie, who can be bought for a feed of pig tails, was speechless as he packed them away.

Thanks Jack, you shure know your pig tails.

Mel VE3OK was all excited by two meter FM and found a couple of old Florida buddies to talk to, it was only four or five miles to Howdenville where they were located, but Mel enjoyed the contact any way.

Those who came from the greatest distance, Fred and Marion from Hamilton and Charlie from Bracebridge, were welcomed. Fred was glad to see Charlie and according to them, Fred will be two meters this fall.

So the day went; good fishing, good hemming, good yarn swapping, and good fellowship. If you like fresh air and sparkling water come out next year.

OK let's close shop, Morris has to be back dockside by five o'clock, he makes a two hour site-seeing trip during the evening. So we all sat a little quieter as the deisel pushed us down lake, the long swells of Lake Huron lulling us into moods of regret, if only to be like this every day, no city noises, no exhaust fumes, just the rolling waters and changing shoreline of the Bruce Peninsula.

So ends another annual fishing trip. All landed safe and sound, unloading, group pictures one last word of warning DON'T---DON'T lock the car keys in the trunk. So we all parted, yapping on two meter mobile.

73

Dick VE3BIS

THIS'N THAT

The September meeting will be held on Sept. 16, at the CIAG Computer Building, Owen Sound, at 8:00 PM. Everyone is welcomed.

The Split-Rail Festival will be held on Sept. 24, 25, and 26. The club will be putting on a display again this year and anyone who can help should contact Ian VE3HIP. The display promises to be a real dandy this year and any help will be appreciated.

The Owen Sound Coffee Break is coming up soon and help is needed for that. I don't know the date yet but anyone who is interested should contact Ian VE3HIP for details.

I hear that Ian VE3HIP is playing around with a KW 2000 A, it will be good to hear him on sideband soon.

We had a display at the Southampton Shin-Dig on Aug. 21, maned by Dick VE3BIS, Ian VE3HIP and myself. A great deal of interest was shown and many good contacts made. We are hoping for a good turnout at our class here this fall.



Government
of Canada

Gouvernement
du Canada

300 Slater Street,
Ottawa, Ontario.
K1A 0C8

Department of Communications

Ministère des Communications

1024-19 (DOS-P)

June 2, 1976

Dear Sir or Madam:

On a number of occasions over the years, interested Canadians have written to the Department requesting that changes be made in the Regulations governing the Amateur Experimental Service so as to open up the Service to those technically-minded persons who, while not attracted to radiotelegraphy operation, are interested in experimentation. Some of the frequency bands allocated to the Amateur Service are used very little and the time may now be opportune to respond in a positive and imaginative way to these suggestions. Consequently, the Department solicits your comment on a proposal to introduce two new certificates.

One certificate, to be called "Experimenter Amateur Radio Operator's Certificate" would be of particular concern to persons interested in experimentation. This certificate would require an in-depth knowledge of radio and electronic theory, but no code proficiency. Although experimenters would, no doubt, be active on those bands that are not now fully exploited, it is proposed to grant phone privileges in the HF bands after gaining experience on the VHF bands to make the proposal more attractive. (See Schedule A attached)

Although Article 41, Number 1563, of the International Telecommunication Union Radio Regulations states, in part, that any person operating the apparatus of an amateur station shall have proved that he is able to send correctly by hand, and to receive correctly by ear, tests in the Morse code signals; in so far as the above noted proposal for an "Experimenter Amateur Radio Operator's Certificate" is concerned, action will be taken to add a footnote to Article 41 on behalf of Canada.

The other certificate, to be called the "Novice Amateur Radio Operator's Certificate" and intended for the communication oriented person, would permit aspiring amateurs to gain "on the air" experience thus making it easier for them to qualify for a higher class of certificate. The Morse code requirement would be five words per minute and phone operation would not be permitted. The certificate would be valid for a maximum of two years and would be non-renewable. The use of equipment capable of ninety watts output power would be permitted in portions of the 80, 40, 15 and 10 metre bands. (See Schedule B attached)

If sufficient interest is shown in this proposal, it is intended to prepare draft amendments which will be published for comment in the Canada Gazette, Part 1. To ensure that your comments receive consideration please forward them to the undersigned at 300 Slater Street, Ottawa, Ontario K1A 0C8 before Oct. 30, 1976.



W.W. Scott, Director,
Operations Branch,
Telecommunication
Regulatory Service,
Department of Communications

SCHEDULE A
ANNEXE A

Frequency Bands
Bandes de fréquences

Types of Emission
Types d'émission

1.800 - 2.000 Mc/s	A1, A3, F3,
3.500 - 3.725 Mc/s	A1, F1,
3.725 - 4.000 Mc/s	A1, A3, F3,
7.000 - 7.150 Mc/s	A1, F1,
7.150 - 7.300 Mc/s	A1, A3, F3,
14.000 - 14.100 Mc/s	A1, F1,
14.100 - 14.350 Mc/s	A1, A3, F3,
21.000 - 21.100 Mc/s	A1, F1,
21.100 - 21.450 Mc/s	A1, A3, F3,
28.000 - 28.100 Mc/s	A1, F1,
28.100 - 29.700 Mc/s	A1, A3, F3,
50.000 - 50.050 Mc/s	A1,
50.050 - 51.000 Mc/s	A1, A2, A3, F1, F2, F3,
51.000 - 54.000 Mc/s	A ϕ , A1, A2, A3, A4, F1, F2, F3, F4,
144.000 - 144.100 Mc/s	A1,
144.100 - 148.000 Mc/s	A ϕ , A1, A2, A3, A4, F1, F2, F3, F4,
20.000 - 225.000 Mc/s	A ϕ , A1, A2, A3, A4, F1, F2, F3, F4,
420.000 - 450.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,
1215.000 - 1300.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,
2300.000 - 2450.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,
3300.000 - 3500.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,
5650.000 - 5925.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,
10000.000 - 10500.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,
21000.000 - 22000.000 Mc/s	A ϕ , A1, A2, A3, A4, A5, F1, F2, F3, F4,

CONDITIONS

Maximum Permissible DC Plate Input Power To The Anode Circuit of the Final Radio Frequency Stage would be One Thousand Watts.

Licencees would be permitted to operate on frequencies above 50 MHz and, after six months of active operation, they would also be permitted to operate on all bands.

CONDITIONS

La puissance permise en courant continu d'alimentation anodique de l'étage final haute fréquence de l'émetteur serait de 1 000 watts.

Les titulaires de licence seraient autorisés à utiliser les fréquences au-dessus de 50 MHz et, après six mois d'exploitation active, ils pourraient être autorisés à utiliser toutes les bandes.

SCHEDULE B
ANNEXE BFrequency Bands
Bandes de fréquences3.675 - 3.725 MHz
7.100 - 7.150 MHz
21.100 - 21.150 MHz
28.150 - 28.200 MHzTypes of Emission
Types d'émissionA1
A1
A1
A1CONDITIONS

Maximum d.c. input power to the Anode or collector circuit of the Transmitter Amplifier Stage Supplying RF energy to the transmitter is 100 watts.

CONDITIONS

La puissance maximale en courant continu d'alimentation appliquée au circuit d'anode ou de collecteur de l'étage amplificateur de l'émetteur est de 100 watts.

GEORGIAN BAY AMATEUR RADIO CLUB

The 27th meeting of the club was held in the CIAG Building, Owen Sound, on Thursday June 17 with 17 members and guests present.

President Dave introduced our guest VE3RGE.

Minutes were read and on motion by Dick VE3BIS, seconded by VE3HIP were adopted as read.

Dick reported that the Fishing trip was off for the present time due to not being able to get a booking, however he is still trying for some other means.

The two new ^{proposed} classes of amateur licences were discussed at some length and it was the general feeling that while club members were in favour of the novice class licence many members felt that they would like to think about the Experimental class licence and therefor on a motion by Dick VE3BIS seconded by VE3HIP that the club endorse the Novice class licence at this time and withhold the vote on the Experimental class till a later date. Secty. was instructed to forward letter to ~~DOC~~ DOC endorsing Novice Class at this time with decision on experimental to follow at a later date. Carried.

Ian VE3HIP outline some of the details for the upcoming Field Day.
Meeting Adjourned on motion by VE3 FOT

Bank Bal as of Sept. 16 \$

Summer Exp.	\$ 4.94	Boat trip
Field Day	6.00	
Stamps	<u>10.00</u>	
	\$20.94	