

FILE COPY
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Vol 9

FEEDBACK

Monthly Publication

of

The Georgian Bay
Amateur Radio Club



The Georgian Bay Amateur Radio Club (GBARC) was instituted in October, 1973, at a meeting of amateurs living in the area. That nucleus consisted of VE3BIS Dick; VE3CRV Jim; VE3DTS Jack and VE3EFX Bill.

Since then the Club has grown to approximately 50 resident and non-resident members.

Regular meetings are held monthly except July and August, on the third Thursday. Currently they are held in the Tourist Information Center at Highway #21 and #70, 6 kms west of Owen Sound.

A repeater, for use by all licensed amateurs, is located near Woodford, 15 kms east of Owen Sound. The call is VE3OSR and frequencies are 146.34 in and 146.94 out. Coverage is roughly from Collingwood to Southampton and from the Bruce Peninsula to Durham.

A GBARC Net is held every Sunday at 9:30 a.m. on 3.783 mhz. Any amateur is invited to check in on phone or cw.

PAST PRESIDENTS OF THE CLUB

ARE:

VE3CRV Jim	1973-74-75
VE3BIS Dick	1975-76
VE3DXO Dave	1976-77
VE3HIP Ian	1977-78
VE3HXX Ian	1978-79
VE3IDS Don	1979-80
VE3FOT Harvey	1980-81
VE3LPD Laverne	1981-82

OFFICERS FOR 1982-83 ARE:

President:	VE3LPT Moe
Vice President:	VE3NEG Bill
Sec. Treas.	VE3IDS Don
Editor:	VE3LCZ Andy
Tech. Director:	VE3LZX Don

Feedback correspondence should be sent to the Editor - Andy Kalnins

Box 1177
Port Elgin, Ont.
NOH 2CO

Yearly dues for Full Membership are \$12.00, reduced to \$10.00 if paid before Dec. 31st.

Club crests, designed by and available from VE3WF Fred at \$2.00 each.

More complete information on dues, membership, club activities, etc, may be obtained by contacting the Secretary-Treasurer:

Don Richards
Box 44
Hepworth, Ont.,
NOH1PO

PRESIDENT'S MESSAGE

Welcome back to a new season of ham radio and hope everyone had a good summer. I sure hope we can make this year a good one as AEO, MAI, and MAE have a very good season under way with tours, demonstrations and member participation.

The repeater has been working very well this summer and hope this continues through the fall and winter.

Hope to see you all at the opening meeting Sept. 16th.

73's
Moe

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SUMMER HAPPENINGS

It has been heard that our Secretary/Treasurer found his duties got to a point where they were too hard for one person to handle. Apparently during the summer Don acquired some assistance for this but due to the hard economic times it cost him his bachelor status. Congratulations Don (VE3IDS) and Judy (XYL).

You will notice that our Feedback Covers are sporting a new look for the upcoming season. Various suggestions from the membership have been co-ordinated by Dave Dixon VE3DX0, whose efforts sure look good. Job well done Dave.

Printing and sufficient supply for the season, was done by Walter Walls VE3IYW. Again I understand that all this work was donated to the club and I think we should extend our most grateful thanks to Walter for this effort.

Congratulations goes to Jim Sigleton who successfully completed all the requirements and is now licensed as VE3NQC. With able direction from Dick VE3BIS, Bill VE3NEG, Jerry VE3CAC, Rahn VE3MAI Jim is on the air now and making lots of CW contacts.

On a sad note I have just learned that we have a silent key in the area. Wesley White VE3EPC, RR3 Priceville, passed away on 12th August 1982, in his 75th year.

Also, Lew Sargent VE3EYO passed away sometime in August 1982.

Editor
Andy VE3LCZ

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GBARC MEETING: Thursday 16th Sept. 1982. 8 PM
Owen Sound Information Center.
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SPLIT RAIL FESTIVAL: September 24, 25 & 26th. Visit the display
or give a hand operating the station.

Contact VE3DX0, Dave Dixon

PLANS FOR 1982-1983 MEETINGS

Sept: Dick VE3BIS will talk about antenna systems and how to get something for nothing. Or, how to increase your radiated power ----- or something!

PLEASE NOTE!

For the meeting we would appreciate it if each member could bring something useful by way of antenna info, books, diagrams, ideas, antennas or tuners. We hope to have a copy machine available so you can take home copies of info, circuits etc., for only a few cents.

Oct: The "Old Timer's" will be taking over for this meeting, talking about and displaying old equipment. So, blow off the dust from the home brew, first rigs and bring them out. A short description or an interesting story will be appreciated. Spark gap transmitters will have priority.

BRUCE NUCLEAR POWER DEVELOPMENT

A tour of the complex is being planned for the 27th of October. This is an orientation talk, supper, a tour of the reactor under construction and the heavy water plant.

17:30 - Orientation talk
18:15 - Supper
19:00 - Site Tour
21:00 - Finish

There is no charge for this, and that includes the supper. We hope a lot of members will come out and see BNPD.

Cars enter at BNPD main gate and park to the left of the information centre.

Talk-in on 52 and 94 Simplex and TIV repeater.

Bill VE3NEG

NOTE:

FOR THE BNPD VISIT, WE WILL REQUIRE A RATHER FIRM NUMBER EXPECTED SO MEALS CAN BE ARRANGED WITHOUT HASSLE.

NOV: For November's meeting we hope to have Paul VE3KOI present a talk and slide show on the wonders of the Ministry of Transport's radio facilities. And then on the following Sunday a tour of Wiarton Airport. (Date and Time to be announced later).

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DEC: No plans for December meeting as yet ----so speak up.

FUTURE IDEAS

In the spring we hope to have a tour of the Allan Park Installation. Iain VE3MAE is working on that one.

Some of the members have come up with great ideas for programs and fellows have pitched in to help Iain, Rahn and I and we are most grateful. We would like ideas from the rest of the gang so dish out the suggestions Please.

Nothing has been firmed up Re: Flea Market, but hang loose ----- we're working on it.

In the meantime, maybe you can peddle your junk before the meeting's start.

The Program Boys

Iain VE3MAE - Rahn VE3MAI - Ted VE3AEO

CU in September - Have a care and you all come now!

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FOR SALE

Heathkit FET Transistor Tester Model IT3120	\$ 100.00
(Also try good trade or negotiate)	
Lampkin Modulation and Deviation Indicator	\$ 100.00
Model 205 A/B, Mint Condition including new Instruction Manual	
Drake R4B T4XB P/S and speaker (negotiate)	\$1000.00
Home Brew Electronic Keyer - Vibroplex Paddle	\$ 100.00
GE Pacer 2 MTR Less Xtals - Needs two tubes Rig 15W	\$ 50.00
(assortment of five - Marconi - DT34 2 Mtr	
- Solid state except 2 final tubes - DT75 2 Mtr	\$ 50.00
Shure 444 - Microphone - Desk Mic	\$ 50.00
Ten Meter Mono Band in carton - 3 Elements	\$ 100.00
15 Mtr Mono Band in carton - 3 Elements	\$ 125.00

Contact - Walter Stoyko VE3FPN
519-923-3544

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GET WELL

Our best wishes for a speedy recovery goes to Mal Holmes VE3LPG, presently recuperating in Markdale Hospital.

JOTA

In relation to the total membership very few Scouts are lucky enough to attend World Jamborees which take place every four years. Less fortunate majority miss this wonderful and enlightening experience and are often too old to attend by the time next one takes place.

The Jamboree-on-the-air provides an opportunity for a large number of scouts to participate in a World event without actually leaving their home town. It enables youth members throughout the world to talk to each other on an equal footing irrespective of colour, religion, politics, rank or even length of service.

The Jamboree-on-the-air takes place on the third full Week-end in October each year. Starts 0001 Hrs. Saturday -- Ends 2359 Hrs. Sunday. The amount of time given to the exercise must be governed by circumstances and must largely rest with the Radio Amateur.

Some Special Stations:

HB9S	-	World Scout Bureau, Geneva
LX1JAM	-	Boy Scouts of Luxembourg
LA1JAM	-	Boy Scouts of Norway
GB3BPH	-	Baden-Powell House, London
K2BSA	-	Boy Scouts of America
XE1ASM	-	Boy Scouts of Mexico
DU1BSP	-	Boy Scouts of the Philippines
JALYSS	-	Boy Scouts of Japan
ZS6JAM	-	Mafeking Boy Scouts

Official World Scout Frequencies:

	<u>Phone</u>		<u>C.W.</u>	
80 meter	3,740	3,940 KHZ	3,590	KHZ
40 meter	7,090	KHZ	7,030	KHZ
20 meter	14,290	KHZ	14,070	KHZ
15 meter	21,360	KHZ	21,140	KHZ
10 meter	28,990	KHZ	28,190	KHZ

Any Radio Amateur with an interest but not necessarily active association with the organization, can help by having youth members visit his station for any period during the weekend or by setting up a station at a local Scout headquarters or camp. Participation can vary from being on the air for an hour or two with a few members present or operate for the whole forty eight hours with large number of members present.

It should be remembered the JOTA is NOT a contest. The intention is definately NOT to work as many stations as possible within the time set.

Think about it. Maybe we can assist as individuals or as a club project.

TNX Editor

(Condensed from article by VE3MAY Jerry)

WE'RE NEARLY THERE!

In our last publicity release sent to you earlier this summer, we mentioned a number of things, and this release, which will be the final one from us here at the Convention Committee, since time is moving right along.

So this will be a series of reminders.

1. THE PLACE - Waterloo Motor Inn, Waterloo, with its expanded facilities and extra rooms. If you haven't reserved by now, get get going - the rooms are going pretty quickly.

2. THE DATES - Friday, Saturday and Sunday, October 1,2,3, 1982

THE FLEA MARKET - 8 a.m. to 3 p.m., Saturday, October 2, and it will be in the new well-lit portion of the hotel, by the swimming pool. Your registration includes entry to the flea market, so register early and save money.

DRAWS - as well as the usual major prize draws and the hourly prize draws, there will be a draw for a synthesized hand-held rig, for RSO members only, and anyone who becomes a member prior to draw time.

FORUMS -all forums will start at 10.45 a.m. Sorry, but at the moment we don't have times or locations, since they are still working on the new wing.

Antenna forum with Yuri Blanarovich, VE3BMV.....DX with Gary Hammond, VE3GCO..
.... Live Satellite TV Demo with Ed Laevens.....Color SSTV with Syd Horne,
VE3EGO and Russ Dryden, VE3AUU.....Packet Radio with Glen Simpson, VE3DSP....
ACSB Mobile, with A.J. Bonney.....the RSO Annual General Meeting.....

LADIES' PROGRAM - the ladies program will be on a separate program from the main convention program, and will be in your "goody bag". Arts and crafts display...visit to "Woodside"...china forum with the largest Royal Doulton dealer in the area.....ladies' hospitality suite (new with the 1982 convention).... lunch and prize draw around the pool.....again the major prize is a Waterloo County hand-made quilt.....all events at the Waterloo Motor Inn.....

AND FINALLY, MOST IMPORTANT - For registration and information, call this number.....

(519) 745-3866

All of you who attended the Convention last year will remember the excellent entertainment and the mouthwatering Friday buffet and Saturday banquet - this year, more of the same. Gemutlichkeit!!

See you October 1 in Waterloo.

73

Merrick Jarrett
Merrick Jarrett, VE3BCZ
Chairman, Publicity Committee
RSO '82 Convention

REGISTRATION INFORMATION

A registration badge gives you access to all sessions, forums, displays, flea markets, etc., and a chance to win major prizes of amateur equipment. Non-registered family members may attend the Saturday Banquet and the Friday Buffet and Dance if one member is registered. Ladies attending the noon luncheon program must be registered.

All advance registrations forms received will be entered into a free advance registration prize draw for a two-meter hand held transceiver. In addition, there will be a free draw for all RSO members registered and all RSO memberships purchased at the Convention prior to the Saturday night Banquet. These two draws will be held at the Saturday Banquet. Winner will not have to be present to win.

PROGRAM	ADVANCE PRICE	CONVENTION DAY PRICE
Regular Registration	\$ 5.00	\$ 7.00
Seller's Flea Market Tables (Sat. 8 a.m.-3 p.m.), each	5.00	5.00
Friday night Gemutlichkeit Cocktails 6-7 p.m., Buffet 7-8 p.m.		
Entertainment and Dance 8 p.m.-1 a.m.	9.00	9.00
Full Buffet, Entertainment and Dance	5.00	5.00
Entertainment and Dance only		
Saturday Night Banquet and Dance	20.00	20.00
Cocktails 6-7 p.m.		
Banquet 7 p.m.		
Ladies' Program		
Ladies' Registration	4.00	5.00
Saturday Noon Luncheon, 1 p.m.	6.00	6.00
Bus Tour, Saturday 9.00 a.m.	1.00	1.00

All advance registration tickets will be held and can be picked up at the advance registration desk, starting 2 p.m. Friday, October 1. Because of mail delivery delays all advance registrations should be mailed before September 15, 1982. Any tickets not picked up will have the prize draw stubs filled out and deposited in the prize drums.

The Convention Committee will attempt to make hotel registrations for those wishing to stay at the Convention hotel. The room rate is \$46.00 per night plus Provincial Sales Tax. Most rooms have 2 double beds and up to 2 people can stay for the basic rate. \$5.00 per person is charged for up to two additional persons.

If you wish to stay at the Waterloo Motor Inn, reserve early. One night's deposit is required to hold your room. This can be made by cheque or a VISA number. Those making a hotel reservation will be sent a room confirmation.

Hotel reservations must be received by September 1, 1982. After that date, contact the hotel direct at (519) 884-0220 and specify that you wish RSO Convention rooms.

1982 R S O CONVENTION
OCTOBER 1, 2, 3, 1982
WATERLOO MOTOR INN

PLEASE FILL OUT AND MAIL THIS PAGE WITH YOUR REGISTRATION

1982 R S O CONVENTION
OCTOBER 1, 2, 3, 1982
WATERLOO MOTOR INN

1. REGISTRATION

Advance Registration (\$7.00 at door) _____ tickets @ \$ 5.00 = \$ _____
Seller's Table for Flea Market _____ tickets @ \$ 5.00 = \$ _____

2. SOCIAL ACTIVITIES

Friday Night "Gemutlichkeit" Buffet, Entertainment and Dance _____ tickets @ \$ 9.00 = \$ _____
Entertainment and Dance only _____ tickets @ \$ 5.00 = \$ _____
Saturday Night Banquet and Dance _____ tickets @ \$20.00 = \$ _____

3. LADIES' PROGRAM

Advance Registration (\$5.00 at door) _____ tickets @ \$ 4.00 = \$ _____
Saturday Noon Luncheon _____ tickets @ \$ 6.00 = \$ _____
Saturday Waterloo County Bus Tour _____ tickets @ \$ 1.00 = \$ _____

Total Tickets _____ Total \$ _____

4. HOTEL RESERVATIONS - WATERLOO MOTOR INN ONLY

Fri. Night _____ Sat. Night _____ Total persons in party _____
One night deposit _____ Room(s) @ \$46.00 + PST = \$ _____
Grand Total \$ _____

Payable by cheque () Money Order () VISA ()

To - RSO CONVENTION COMMITTEE VISA No. _____

P.O. Box 2261, Station "B" Expiry Date _____

KITCHENER, Ontario N2H 6M2 Signature _____

Name _____ Call _____

Address _____ Phone _____

City _____ Prov. _____ Post. Code _____

RSO Member - () Yes () No

Office Use Only - Rec'd () Checked () Entered () Hotel ()

YUKON EMERGENCY

The following is a brief description of the events that occurred along the Alaskan Highway, East of Whitehorse, Yukon Territory, on November 23, 1981, in which Amateur Radio was used to call for help and arrange for the rescue of my brother (KØHGW) and myself (N7DF).

Shortly after noon on the 23rd, we left Whitehorse eastbound on the Alaskan Highway, enroute home after a very successful DXpedition to put VYI on the air during the ARRL November Sweepstakes contest. We were traveling in a pickup with a camper shell on the back and a carrier rack, on top of which were tied tower sections and spare tires. The back of the truck was loaded with camping gear, food, radio equipment and a 5,000 watt gasoline-powered motor generator. The weather was partly cloudy, and the temperature was near zero. The highway was sanded for the first 20 miles, then covered with unbroken glare ice for the next hundred or so miles.

About 2:40 P.M., the truck went into a skid and went over a 15-foot high, near vertical, bank. The vehicle summersaulted forward, landing upside down and breaking off the carrier racks with the tower sections. It then flipped on over and began rolling sideways until it came to rest, lying on its left side about 100 yards from the road.

Since we both had our seat belts and shoulder harnesses secured, we escaped serious injury. We exited the truck cab via the passenger side window and immediately put on our full cold weather gear, which we had in the cab with us.

Our first concern was to get all the equipment out of the back of the truck, since a lead acid battery and a five gallon can of gasoline was included in the cargo. Once we had removed the equipment from the camper shell, we were able to turn the truck back onto its wheels. Following this, we began to secure the camper shell as a shelter in case the weather closed in or help was delayed. This was accomplished by taping plastic bags over the broken windows.

By this time it was getting dark, and the temperature was rapidly falling. To have light to continue working, we decided to see if we could start the generator. Even with a sparkplug broken off, the old faithful machine started on the third try. Now, with the gas in the truck's tank and the spare gas can, we had fuel available for at least 30 hours of power at full load. We put an electric heater in the camper shell and set up floodlights to cover the area where our equipment was piled in the snow. We were now secure from the weather and were indeed quite comfortable. At last our thoughts could be turned to rescue.

The trucks electrical system was totally dead although its battery was undamaged. We got the two-meter rig working and attempted to raise one of the Whitehorse repeaters without success. This was no surprise since our last contact through the 28/88 machine with VYICJ was at least 10 miles back and was very poor copy. We were now at the bottom of a ravine and not even sure that the 2-meter fm rig was working.

We then decided to try the hf bands and unpacked our transceiver and remounted a vertical antenna on the truck. Ten meters was completely dead, and we had a 15 dB over 9 noise from the broken sparkplug on the generator. The car battery did not have enough power for extended operation of the hf rig, and the spare battery had spilled out all its acid. So we put up with the QRN.

Fifteen meters proved to be wide open -- to JA. Big help! The Canadian Calling Frequency of 14.140 MHz was tried on ssb and cw with no response. Several QSOs in progress, on 20 meters were heard, but attempts to interrupt on both cw and ssb were to no avail. Tuning to the top end of the band, we located an international net, but repeated attempts to check-in via ssb and cw, using their standard triple break signal, got no response.

As it was rapidly clouding over and getting very much colder, we finally decided to use a cw SOS to attract attention, hoping that someone would recognize a specific distress call. Sure enough, the net control heard us and soundly rebuked us for jamming the net with our pranks. Fortunately, at least one net participant remembered enough cw from his Novice days to recognize that we were sending our identification along with the SOS signals. He told the net control that it was indeed a genuine distress call.

The entire net became a near pandemonium for awhile as everyone jumped in with advice. Over the top of the QRM, a KH6 called me, and we switched to ssb to give him the information needed to summon aid for us.

The net control, in the meantime, had restored some semblance of order but kept talking, giving various instructions to the point that we had to break-off communicating with the KH6. The net control then informed us that there were no stations from northwestern Canada on the net, and that he could not help us. He suggested that we go to 14.140 MHz and see if there were any VE stations on frequency who could help us.

I'm afraid that I lost my temper at this point. We informed him that we were calling for help and didn't have time to play games.

At this point, a W9 called-in, saying that he could copy us clearly and would help. The net control instructed him to go ahead.

We gave him a telephone number and name in Whitehorse for him to call and also gave him our telephone credit card number to bill the call against so he would not be charged for the long-distance call. He was very professional and efficient, asking specific questions about the members of our party, injuries, shelter and need for food, fuel or clothing. After we reassured him that we were in good shape and had adequate supplies for several days, he left the air to make the calls.

The net resumed its normal routine of checkins, checkouts and other business. We were concerned somewhat that radio silence was not maintained under the net control's direction, as fading band conditions and the high QRN from our damaged equipment made it difficult to copy anyone, so that we might miss further communications concerning our rescue.

When the W9 returned with his confirmation of delivering the message, we could barely hear him and attempted to reply by cw. Evidently, chatter or QRN on the frequency prevented further contact. About one hour later, VYICC and VYICJ arrived in a van with VYIDD close behind and a tow truck. The truck was recovered from the ravine, and we were taken to the hospital in Whitehorse by VYICJ, where it was confirmed that our injuries limited to a few sprains and bruises. In the meantime, VYIBE had advised the net of our safe rescue.

We are grateful to everyone on the net and to all the hams in the Yukon for their assistance.

-- Larry Strain, N7DF

CONFUSED WITH SOME UNUSUAL PREFIXES?

Here is a list, courtesy of August 1982 QST, which may help you to point the beam in order to catch a new one or to see if an old one has changed its prefix.

Following the prefixes listed are locations and, in parentheses, the old designator.

Good DX

NCDXC UNUSUAL-PREFIX LIST

A22, Botswana (A2)	T2, Tuvalu (VR8)
A71, Qatar (A7X)	T4, Cuba
AH1-AH0, see KH1-KH0	T4, *Venda, S.A. Homeland (ZS)
CF-CK, CY-CZ, Canada	T5, Somalia (60)
EA-EH, Spain	T3Ø, West Kiribati (was T3A, T3K, VR1, Gilbert & Ocean islands) includes Tarawa, Makin, and Ocean
H31, Panama	T31, Central Kiribati (was T3P or VR1, British Phoenix), includes Canton and Phoenix Islands
H44, Solomons (VR4)	T32, East Kiribati (T3L/VR3, Christmas or Line Islands)
H5, *Bophuthatswana, S.A. Homeland (ZS)	TK, France
HD, Ecuador	V2A, Anguilla (VP2A)
HG, Hungary	V3, Belize (VP1)
HT, Nicaragua	V9, Venda (see T4)
HW, France	VK9N, Norfolk
J2, Djibouti (FL8)	VK9X, Christmas Island (Zone 29)
J3, Grenada (VP2G)	VK9Y, Cocos Island
J5, Guinea-Bissau (CR3)	XJ-X0, Canada
J6, Saint Lucia (VP2L)	XQ, Chile Y21-Y99, East Germany (DM)
J7, Dominica (VP2D)	YT-YU-YZ, Yugoslavia
J8, St. Vincent (VP2S)	Z2, Zimbabwe (Rhodesia, ZE)
KH1/AH1/NH1/WH1, Baker, Canton, Howland	ZV-ZZ, Brazil
KH2/AH2/NH2/WH2, Guam	1A, *Knights of Malta
KH3/AH3/NH3/WH3, Johnston	4K, Russian Polar Stations
KH4/AH4/NH4/WH4, Midway	4M, Venezuela
KH5/AH5/NH5/WH5, Palmyra	4N, Yugoslavia
KH5, Kingman	4T, Peru
KH6/AH6/NH6/WH6, Hawaii	6D-6J, Mexico
KH7/AH7/NH7/WH7, Kure	6T-6U, Sudan
KH8/AH8/WH8, American Samoa	8J, Japan
KH9/AH9/NH9/WH9, Wake	
KHØ, AHØ, NHØ, WHØ, Northern Marianas	
KP2/NP2/WP2, American Virgin Islands	
KP4/NP4/WP4, Puerto Rico	
P41/P42, Netherlands Antilles (PJ2/3/4/9)	
P47, Sint Maarten (PJ5/6/7/8)	
S4, *Ciskei, S.A. Homeland (ZS)	
S8, *Transkei, S.A. Homeland (ZS)	
SV5, Dodecanese	
SV9, Crete	
SVØ, foreign hams in Greece, Crete, or Dodecanese	

SWAP 'n SHOP

5th ANNUAL
LONDON AMATEUR RADIO CLUB

Sunday, October 24, 1982
Doors open - 9:00 A.M. to 4:00 P.M.

LORD DORCHESTER SECONDARY SCHOOL, DORCHESTER, ONT.

- ** ACRES OF FREE PARKING
- ** HUGE INDOOR SALES AREA
- ** CAFETERIA FOOD SERVICE ALL DAY
- ** HOURLY DOOR PRIZES FROM 10:00 A.M. - 3:00 P.M.

ADMISSION - \$2.00 per person (Under 12 - Free)
TABLES - \$ Per table (plus admission)

NOTE: Vendors MUST reserve and pay for tables in advance.

Reservations and payments must be sent to:

LONDON AMATEUR RADIO CLUB INC.
P.O. Box 82, Station B,
London, Ontario, Canada.
N6A 4V3

FOR MORE INFORMATION CONTACT: TED HAYES VE3BYD,
Box 24, Dorchester, Ont.
NOL 1G0
Tel: 1 (519) 268-3617

TALK IN ON 146.52 SIMPLEX or VE3TTT 147.78/147.18

