

back

**georgian bay
amateur radio club**

c/o Cy Weaver, Ve3DQA
197 8th St., Hanover, Ont.
N4N 1J4

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PRESIDENT : Don Richards, Ve3IDS

VICE PRES.: Harvey Smith, Ve3FOT

SEC-TREAS.: Cy Weaver, Ve3DQA

EDITOR : Jim Harron, Ve3BFV

ASS.EDITOR: Harvie Smith, Ve3FOT

146.34

VE3OSR

146.94

FEEDBACK NOVEMBER 1979

The President's message to the GBARC members was not available for this issue of FEEDBACK. Our President, Don Ve3IDS, is putting the finishing touches to his new home which he has been building this summer and fall. It is located at Oliphant, a few miles north of Sauble Beach. As a club we wish him happiness and good "hamming" with very little QRM or QRN at his new QTH.

ANNOUNCEMENT --The next meeting of the Georgian Bay Amateur Radio Club will be on November 15th in room 114 of the Owen Sound Collegiate and Vocational Institute. Directions will be through Ve3OSR on the meeting night. Thanks go to Ve3LPG and Ve3FOT for finding a meeting place and it does look as if it may be more or less a permanent location. We must also thank Ve3KPT, Jeff, for finding us an alternate meeting place in the Chesley High School.

Coming Event -A Fleamarket will be held in Newmarket, Ont., on Nov. 10th, sponsored by the York North Amateur Radio Club.

A Request -Anyone interested in working the full contest period in the 10-10 International Fone Contest this winter please contact Jeff, Ve3KPT in Chesley.

A Hot Tip comes from Ve3FFN, Walter. To inject new life into "has been" crystals, apply heat from a soldering gun or iron to the metal case of the crystal (but not enough heat to melt solder). According to Verne, Ve3BSF, this treatment has possibilities.

WARC -News from Geneva is that there are 143 amateurs among the delegates. On the Canadian team of 41 persons, 11 are licensed amateurs. So far preliminary approval has been accorded 28-29.7 mhz. amateur exclusive world-wide. Code requirements will remain up to 30 mhz. The 80 meter band 3.5 to 4.0 mhz. will be unchanged.

Customs Duty relief is in sight for Canadian Amateurs. Recent Tariff Board recommendations have been made to our government calling for all customs duties to be eliminated on Amateur Radio receivers, transmitters and transceivers. A word of warning - don't immediately rush out and order a new piece of equipment in the expectation that the duty costs will have been removed. Before the Tariff Board's recommendation becomes law, it will have to appear in a future budget of the Federal government or by passage of an Order in Council.

Minutes of the October meeting of the Georgian Bay Amateur Radio Club.

The meeting was held on October 18th in the Owen Sound Colliseum. There were 22 in attendance. At 8.20 the President, Don Ve3IDS, called the meeting to order. He commented on the Club sponsoring amateur Beginners and Advanced courses in Port Elgin and Owen Sound. He would like all members to welcome amateurs both old and new to our Club and also approach those who have dropped their membership to re-consider affiliation with this Club.

Comments from the floor-Jim Ve3BFV, was complimented on the quality of Feedback. Ve3LPG, Mel, mentioned that he had been in QSO with Ian, Ve3HIP, who passed along his regards. All members introduced themselves around the table.

Fred, Ve3KPK, spoke on the Miamisburg sked on Sundays at 10am on 7.226 mhz. He also told us about his nightly sked at 0000hrs. Zulu on 14.115mhz. with DJ9ZT/m/m. This is a sailing vessel which left Germany via the west coast of Greenland and got stuck in the ice of Lancaster Bay. Fred acted as relay on SSB and CW at 30wpm. between the sailboat and the Canadian Icebreaker which came to its assistance. (ed. Congratulations Fred for a job well done).

Ve3MTR 146.19/79 is retransmitting code practice each night at 7 pm.

Jim, Ve3BFV, spoke on the RSO convention that was held in Ottawa.

Dick, Ve3BIS, gave a talk and slide presentation of CORK held at Kingston. The quality of the slides was excellent.

Verne, Ve3BSF, spoke on the preparation for a Club Award Certificate.

Club C.W.net meets on 3650-55 each Sunday at 10 pm.

Ted, Ve3AEO, stated that Swap Club activity depends on the demand.

The meeting adjourned at 21.35 hrs.

WHAT A MISTAKE

What a mistake we made this evening Oct. 21 when we tuned in 3.655 at 10.00pm to try and copy the GBARC C.W.net, pity the poor guy who is trying to learn the C.W. via this net.

We heard W8QF, Milo, from Miamisburg, our sister city, call in several times with no acknowledgement so we called Ted, Ve3AEO, on the twisted pair and he kindly asked the rest of the guys to stand by, therefore contact was made. I don't know how many times Harvey, Ve3FOT, called in before he was verified and both these gentlemen had real good strong signals. This is not intended as a derogatory letter but just wish to offer some suggestions, after all you are the guys with the tickets and we are one of the failures.

1. Have one net control operator.
2. After net control sends a QNI, wait a few seconds for any new callins.
3. Everybody try to zero beat net control and not be transmitting on different frequencies.

All the best to everybody in the Club and hope to be a VE3 sometime.

Many Thanks,
Don Bain, Owen Sound, Ont.

p.s.

Did you ever try to copy a double on CW when both are 599+?

We would like to welcome the following new amateurs to our ranks:

- VE3LPO, Roger C. Cosgrove, Box 88, Chesley, Ont. NOG 1L0
- VE3LPC, Ray Webber, Box 1063 Walkerton, Ont. NOG 2V0
- VE3LPT, Moe Hurlbut, Leith, Ont.
- VE3LPD, Laverne Wyville, 244 Collingwood W. Meaford, Ont. NOH 1K0
- VE3LPG, Malford Holmes, rr6 Markdale, Ont.
- VE3LCZ, Andy Kalnins, 347 Waterloo St., Port Elgin, Ont.
- VE3LPK, Terry Kalnins, Port Elgin, Ont.

ELECTROMAGNETIC INTERFERENCE

A NEW TYPE OF POLLUTION HAS BEEN ADDED TO THE LIST. DUBBED ELECTROMAGNETIC INTERFERENCE, OR E.M.I, IT IS GENERATED BY A WIDE VARIETY OF ELECTRIC APPLIANCES AS WELL AS MOST ELECTRONIC GEAR. EVEN ELECTRIC SHAVERS HAVE BEEN FOUND RESPONSIBLE FOR FAILURE OF HEART PACE-MAKERS. MANY SCIENTISTS ARE CONCERNED ABOUT THE INCREASED USE OF "TWO-WAY RADIOS, WRIST-WATCH RADIO TRANSMITTERS WHICH USE THE HUMAN ARM AS AN ANTENNA AND EVEN POOR BE T.V. SETS". (the quotes are theirs).

ONE OF THE EFFECTS IS THERMAL IN NATURE; SOMEWHAT LIKE THAT GENERATED BY MICRO-WAVE OVENS, WHERE THERE MAY BE LITTLE CONSCIOUS SENSATION OF HEAT, BUT WHERE TISSUE AND CELL DAMAGE TO LIVING ORGANISMS MAY TAKE PLACE.

SO, THE MORAL IS..... THE FOOD YOU EAT MAY BE KILLING YOU; THAT COCKTAIL YOU ARE DRINKING MAY ALREADY BE TURNING YOUR LIVER INTO A PIECE OF SHOE LEATHER; THE AIR YOU BREATHE AND HAVE BEEN FOR THESE MANY YEARS IS PROBABLY DRILLING A HOLE IN YOUR LUNGS. " IF YOU WANT TO BE A HAM DON'T SAY I DIDN'T WARN YOU."

Q.R. NANCY

by

R.F. Squelch

FUEL SHORTAGE.... NO WAY!

WE HAVE AT OUR HAND A FUEL THAT IS MORE EFFICIENT, CLEANER BURNING, WITH NO ADVERSE ECOLOGICAL EFFECTS. MOLECULAR HYDROGEN (H_2) IS ITS NAME.

IT IS THE MOST PLENTIFUL ELEMENT, NOT ONLY ON OUR EARTH, BUT IN THE WHOLE SOLAR SYSTEM. ON EARTH IT IS TIED UP CHEMICALLY WITH WATER. IT IS TRUE THAT COAXING IT AWAY FROM THE WATER MOLECULE IS AN EXPENSIVE OPERATION AT PRESENT. HOWEVER, SEPARATION BY ELECTROLYSIS, THE MOST COMMON METHOD PRESENTLY USED, REQUIRES AN ABUNDANCE OF HIGH VOLTAGE D.C. CURRENT, THINK OF THE AMOUNT OF POWER AVAILABLE AT SUCH DEVELOPMENTS AS THE JAMES BAY PROJECT. THE BILLINGS CORPORATION IN THE STATES IS PRESENTLY DESIGNING A PILOT PLANT USING COAL-GASIFICATION PLANT IN WHICH THEY EXPECT TO PRODUCE THE FINISHED DRY HYDROGEN AT A PRICE EQUIVALENT TO .50¢ A GALLON FOR GASOLINE. HYDROGEN AS A FREE GAS IS VERY UNSTABLE, EXPLODING VIOLENTLY IN REACTING WITH CERTAIN OTHER ELEMENTS, PARTICULARLY OXYGEN. BUT THIS PROBLEM HAS BEEN SOLVED BY LIQUIFYING THE GAS AND SOAKING IT UP IN AN IRON TITANIUM HYDRIDE, MUCH THE SAME WAY AS ACETYLENE, WHICH EXPLODES SPONTANEOUSLY WHEN COMPRESSED ABOVE TWO ATMOSPHERES, IS HELD IN STORAGE CYLINDERS IN AN ABSORBENT EARTH.

BILLINGS CONVERTED A FORD MODEL "A" TO USE HYDROGEN, AND HAS SUCCESSFULLY CONVERTED 2 BUSES, A SMALL TRACTOR, THE HOME WHERE HE LIVES (BOTH HEAT AND POWER) AND A DODGE OMNI CAR TO HYDROGEN. INCENDIARY BULLETS FIRED INTO A CONTAINER OF THE GAS AS DESCRIBED ABOVE FAILED TO EXPLODE OR EVEN IGNITE.

IN LIQUID FORM HYDROGEN PRODUCES ALMOST THREE TIMES PER POUND THE ENERGY OF CONVENTIONAL FUELS.

SOME RESEARCH IS BEING CARRIED ON IN THE STATES, BUT IT IS ONLY A DROP IN THE BUCKET COMPARED TO THE NUMBER OF "DRY HOLES" BEING SUNK IN THIS COUNTRY AND ELSEWHERE, AT TREMENDOUS COST. SO MUCH FOR THE "VISION" OF OUR GLORIOUS LEADERS !

THE "RUN THAT PAST ME AGAIN" DEPARTMENT.

" As far as we know, our computer has never had an undetected error".... Pres. Union Carbide co.

" Things are more like they are now than they ever were before"
.....Dwight Eisenhower.

OTTAWA, October 28, 1979. Here is your CARF NEWS SERVICE RADIO BULLETIN No. 24, brought to you by your national organization, the Canadian Amateur Radio Federation Incorporated

With some 26 out of 44 exam centres heard from, the results of the October exams show no startling change from previous tests. For the Amateur certificate, 52 percent passed the theory, 86 percent passed the regulations and 46 percent made it on the code. Eighty percent made the Advanced theory, 84 percent got the regs part and 45 percent passed the 15 words per minute morse. Digital operator exam results are not yet available. The next set of exams will be January 16, with the application cut-off date being December 12.

WARC Secretary-General Mili has clamped down on news stories from Geneva and detailed news such as has been available to date will be hard to come by; however, general progress reports will probably be available. Amateurs head up some of the committees and working groups. Committee 2 is chaired by YV5FI, Number 3 by SP5ZK, Number 8 by SM0CKV while working groups 4C and 5B are headed by DL7HI and YV5FJL respectively. There are eleven Amateurs on the Canadian delegation. The team's official adviser on Amateur matters is Bud Punchard, VE3UD, who headed the CARF Working Group on WARC '79. Bud and Al Hewitt, VE3DA have been working back home. Bud is using his own call and Al has, along with other delegates, been using the ITU station, 4U1ITU.

The November issue of TCA, The Canadian Amateur is in the mail and has a brand-new repeater directory.

Radio Society of Ontario officers for the new term elected at the delegates' meeting during the recent RSO convention are; president, Croft Taylor, VE3OR; vice-president, Harold Braun VE3DWH; second vice-president, Keith Bentley, VE3DHL and secretary, Lorne Doreen, VE3SZ.

Next weekend will see the CARF annual Amateur symposium being held at the Dorval Airport Hilton Hotel. RAQI, the Quebec provincial organization and UMS, Montreal's largest club are hosting the event. DOC headquarters and Regional personnel will be attending to hear Amateur recommendations for regulations, exams and operations.

U.S.A. operators will be able to use ASCII eight level teletype in a couple of months' time according to a recent FCC ruling. Canadians already are able to use it.

ARRL Canadian Director elections will have to be re-run. ARRL President Dagnalls announced that Fred Hammond, VE3HC, one of Canada's best-known Amateurs, was disqualified

A CANADIAN REPEATER DIRECTORY



Here is the Canadian repeater directory for Summer 1979. One last minute addition is a change in an Ottawa/Hull station; VE3MIC has been re-located to the Quebec side of the Ottawa River and is now VE2RBB. It is probably unique in Canada as it has an open access autopatch - * for access and # for disconnect on the tonepad and is full duplex on 220 MHz. The receiver site is located some miles from the transmitter. Frequencies are 147.99 in, 147.39 out and 223.1 in, 224.7 out.

Errors and omissions in this list should be noted to Hugh Liles VE3DWL, CRAG Coordinator, 53 Monterey Drive, Ottawa, Ont. K2H 7A9.

The Porcupine Hills Repeater Association plans installation of the first solar-powered repeater in Alberta at Plateau Mtn, southwest of Calgary. Secretary of the group is Jim McKenna, CARF Prairie Director.

NOTES:

- A - AUTOPATCH
- P - PROPOSED
- 1 - LINKED
- 2 - TEMP. CALL
- 3 - RTTY/FAK

- B - BTY. POWER
- E - EMERG'Y PWR
- T - TONE ACCESS
- 9 - LINKED

NEW LABRADOR

GANDER	VO1AV	146.46	147.06	P
GRANS FALLS	VO1 ?	146.34	146.94	P
LABRADOR CITY/WABUSH	VO2AD	146.46	146.94	
LABRADOR CITY/WABUSH	VO2AD	146.34	146.94	
ST. JOHNS	VO1GT	146.46	146.94	

NOVA SCOTIA

BRIDGETOWN	VE1BO	146.46	147.06	
DARTMOUTH	VE1PB	146.25	146.85	
GORE	VE1LHR	146.04	146.64	
HALIFAX	VE1CBC	146.34	146.94	
LIVERPOOL	VE1A9Q	146.46	147.06	
MT BLOMIDON	VE1AEH	146.58	147.18	
MULGRAVE	VE1RTI	146.22	146.82	
NEW GLASGOW	VE1HR	146.16	146.76	
NEW ROSS	VE1 ?	147.84	147.24	P
SPRINGHILL	VE1SPR	146.07	146.67	
SPRINGHILL	VE1SPR	446.30	443.30	I
TRURO	VE1XX	146.19	146.79	
TRURO	VE1ZG	146.31	146.91	P
YARMOUTH	VE1YAR	146.01	146.61	

Note: VE1SPR LINKED VE1AHC

P. E. I.

CHARLOTTETOWN	VE1AHC	146.40	147.00	A
CHARLOTTETOWN	VE1AHC	443.30	443.30	I
CHARLOTTETOWN	VE1HI	146.34	146.94	
SUMMERSIDE	VE1CFR	146.25	146.85	

VE1AHC LINKED VE1SPR

NEW BRUNSWICK

BATHURST	VE1PL	146.34	146.94	
DALHOUSIE	VE1 ?	NOT KNOWN	P	
FREDRICKTON	VE1GT	146.34	146.94	A
FREDRICKTON	VE1PD	146.16	146.76	
MONCTON	VE1CQ	146.13	146.73	
MONCTON	VE1RPT	146.34	146.94	A
MT CHAMPLAIN	VE1TWO	146.10	146.70	
PERTH	VE1KMT	146.46	147.06	
SAINT JOHN	VE1KI	146.22	146.82	
SAINT JOHN	VE1 ?	NOT KNOWN	P	
ST ANDREWS	VE1IE	146.25	146.85	
SUSSEX	VE1SMT	146.01	146.61	
WOODSTOCK	VE1EMT	146.37	146.97	

QUEBEC

ALMA	VE2RCA	146.07	146.67	A
ALMA	VE2RCM	146.25	146.85	P
AMOS	VE2KZ	146.16	146.76	
AMQUI	VE2KH	146.28	146.88	
ASSOMPTION	VE2RBB	147.81	147.21	
BAIE COMEAU	VE2PR	146.10	146.70	
CARLETON	VE2 ?	146.22	146.82	P
CHICOUTIMI	VE2ES	146.28	146.88	
CHICOUTIMI	VE2IU	146.16	146.76	A
CHICOUTIMI	VE2RCC	147.72	147.12	
DOLBEAU	VE2EFA	146.10	146.70	A 9
FRANKLIN CTR	VE2RBV	147.81	147.21	
GASPE	VE2 ?	146.28	146.88	P
GRAND FOND	VE2CTT	146.40	147.00	
GRANBY	VE2RTA	147.78	147.18	

HEREFORD	VE2RDM	147.96	147.36	
HULL/OTTAWA	VE2CRA	146.34	146.94	
HULL/OTTAWA	VE2CSO	146.10	146.70	
HULL/OTTAWA	VE3DBQ	146.61	52.525	
HULL/OTTAWA	VE3JGP	56.760	52.525	
HULL/OTTAWA	VE2KPG	147.96	147.36	A
HULL/OTTAWA	VE3MIC	228.58	224.18	A
HULL/OTTAWA	VE3MIC	228.58	147.48	A
HULL/OTTAWA	VE3OCR	146.25	146.85	3
HULL/OTTAWA	VE3OEA	146.07	146.67	A
HULL/OTTAWA	VE3ORA	146.28	146.88	
HULL/OTTAWA	VE3OTT	147.72	147.12	
HULL/OTTAWA	VE3TEL	146.43	147.03	
HULL/OTTAWA	VE3TWO	147.90	147.30	
HULL/OTTAWA	VE2CRA	443.30	443.30	
JOLIETTE	VE2RMA	146.43	147.03	
JONQUIERE	VE2EFB	444.00	449.00	
JONQUIERE	VE2VP	146.22	146.82	9
LA TUQUE	VE2EH	146.19	146.79	9
LAC ST JEAN	VE2SP	146.34	146.94	
LAVAL	VE2RVS	146.25	146.85	
MONT LAURIER	VE2RMC	146.37	146.97	
MONT LOGAN	VE2OE	146.16	146.76	
MONTREAL	VE2BG	146.46	147.06	
MONTREAL	VE2CGE	146.37	146.97	
MONTREAL	VE2DN	146.16	146.76	
MONTREAL	VE2ECM	146.04	146.64	A
MONTREAL	VE2HH	222.90	224.50	
MONTREAL	VE2MRC	147.72	147.12	A
MONTREAL	VE2PY	146.25	146.85	
MONTREAL	VE2RED	147.97	147.37	
MONTREAL	VE2REP	146.28	146.88	
MONTREAL	VE2RKO	146.04	146.64	
MONTREAL	VE2RM	146.40	147.00	A
MONTREAL	VE2RM	146.40	224.06	
MONTREAL	VE2RM	444.00	449.00	
MONTREAL	VE2RY	147.90	147.30	
MONTREAL	VE2VS	146.25	146.85	
MONTREAL	VE2XW	146.10	146.70	
MONT JOLI	VE2RAB	146.13	146.73	I
MOUNT CARMEL	VE2 ?	NOT KNOWN	P	
MT ORFORD	VE2TA	146.19	146.79	
MT ST JOSEPH	VE2IN	146.22	146.82	
MT TREMBLANT	VE2MT	146.13	146.73	
NORANDA	VE2ZS	146.16	146.76	
PARC DES LAURENTIDES	VE2ES	146.28	146.88	1
PERCE	VE2 ?	146.19	146.79	P
PLESSISVILLE	VE2CRP	147.13	146.73	
PORT ALFRED	VE2TG	146.43	147.03	P
QUEBEC CITY	VE2ASU	146.10	146.70	
QUEBEC CITY	VE2DB	146.28	146.88	A
QUEBEC CITY	VE2OM	146.34	146.94	
QUEBEC CITY	VE2RAQ	146.25	146.85	3
QUEBEC CITY	VE2RCQ	147.78	147.18	
QUEBEC CITY	VE2SRC	147.72	147.12	A
QUEBEC CITY	VE2UX	146.22	146.82	I
QUEBEC CITY	VE2UZ	146.46	147.06	A
QUEBEC CITY	VE2VD	146.16	146.76	
RIMOUSKI	VE2WM	146.34	146.94	
RIPON	VE2RBA	147.93	147.33	
RIVIERE DU LOUP	VE2OO	146.19	146.79	
RIVIERE DU LOUP	VE2NY	147.66	147.06	I
SEPT ISLES	VE2RRU	146.19	146.79	
SEPT ISLES	VE2RSI	146.34	146.94	
SHERBROOKE	VE2FX	147.93	147.33	
SHERBROOKE	VE2RAL	146.31	146.91	
SHERBROOKE	VE2RSH	147.72	147.12	
SHERBROOKE	VE2SS	146.25	146.85	
SOREL TRACY	VE2 ?	146.01	146.61	
ST JEAN	VE2RVR	147.84	147.24	
ST JEROME	VE2RMP	146.16	146.76	
ST ROSE	VE2AU	146.31	146.91	
TROIS RIVIERES	VE2AT	146.07	146.67	A
TROIS RIVIERES	VE2CTR	146.46	147.06	
TROIS RIVIERES	VE2QW	147.90	147.30	
VICTORIAVILLE	VE2RDF	147.75	147.15	

ONTARIO

BELLEVILLE	VE3IVL	146.43	147.03	A
BELLEVILLE	VE3KBR	146.40	147.00	
BRACEBRIDGE	VE3MRT	146.28	146.88	
BRAMPTON	VE3MHZ	146.28	146.88	
BRANTFORD	VE3TCR	147.75	147.15	
BROCKVILLE	VE3WXR	146.37	146.97	
BROCKVILLE	VE3BAT	146.46	147.06	P
BURLINGTON	VE3RSB	147.81	147.21	
CARLETON PLACE	VE3FXE	147.87	147.27	P
CHATHAM	VE3KCR	147.72	147.12	

ORANGEVILLE, ONT.	VE3RSO	146.625	146.025	
BANCROFT, ONT.	VE3TBF	147.84	147.24	
COLLINGWOOD, ONT.	VE3MTR	146.19	146.79	A
TIVERTON, ONT.,	VE3TIV	(temporarily deceased)		
ORILLIA, ONT.,	VE3RAG	146.07	146.67	

CORNWALL VE3SVC 147.78 147.18
DEEP RIVER VE3NRR 146.16 146.76
FINCH VE3SDG 147.84 147.24 P
FONTHILL VE3WCR 147.90 147.30
FONTHILL VE3WFM 147.69 147.09
CODERICH VE3GOD 147.63 147.03
GEORGIAN BAY VE3MGB 147.78 147.18
GEORGETOWN VE3LKK 146.22 146.82
GEORGETOWN VE3IZU 53.130 52.130 P
GUELPH VE3ZMG 147.96 147.36
HAMILTON VE3DRW 146.16 146.76
HENSALL VE3OBC 146.31 146.91
KENORA VE3LWR 146.46 147.06
KINGSTON VE3KER 146.34 146.94
KINGSTON VE3KNR 146.19 146.79
KITCHENER VE3KSR 146.37 146.97
KITCHENER VE3KRX 146.19 146.79
LONDON VE3LAC 146.46 147.06
LONDON VE3NDT 146.34 146.94
LONDON VE3OPR 147.60 147.00 B E
LONDON VE3OPR NOT KNOWN P
LONDON VE3RGM 146.16 146.76
LONDON VE3TTT 147.78 147.18 A E
MINDEN VE3MIN NOT KNOWN P 1
NEW LISKEARD/COBALT VE3TAR 146.34 146.94
NEW LISKEARD/COBALT VE3TAR 146.46 146.94
MORRISBURG VE3SVR 146.16 146.76
NORTH BAY VE3NFM 146.34 146.94
ORILLIA VE3LSR 146.25 146.85
OSHAWA VE3OSH 147.72 147.12
OTTAWA/HULL VE2CRA 146.34 146.94
OTTAWA/HULL VE2CRA 443.30 448.30
OTTAWA/HULL VE2CSO 146.10 146.70
OTTAWA/HULL VE3DBQ 146.61 52.525
OTTAWA/HULL VE3JGP 52.760 52.525
OTTAWA/HULL VE3KPG 147.96 147.36 A
OTTAWA/HULL VE3MIC 228.58 224.16 A
OTTAWA/HULL VE3MIC 228.58 147.48 A
OTTAWA/HULL VE3OCR 146.25 146.85 3
OTTAWA/HULL VE3OCR 223.34 224.94
OTTAWA/HULL VE3OEA 146.07 146.67 A
OTTAWA/HULL VE3ORA 146.28 146.88
OTTAWA/HULL VE3OTT 147.72 147.12
OTTAWA/HULL VE3TEL 146.43 147.03
OTTAWA/HULL VE3TWO 147.90 147.30
OWEN SOUND VE3OSR 146.34 146.94
PETERBOROUGH VE3KRA 322.34 222.94
PETERBOROUGH VE3PBO 146.34 146.94 A
PICKERING VE3IL 146.07 146.67
RENFREW VE3STP 146.46 147.06
ROCKLAND VE3JLX 146.22 146.93
ST CATHERINES VE3NRS 147.84 147.24
SARNIA VE3SAR 146.34 146.94
SAULT STE MARIE VE3SAP 146.46 147.06
SAULT STE MARIE VE3SJI 146.28 146.88
SAULT STE MARIE VE3SSM 146.34 146.94
SAULT STE MARIE VE3YAK 147.75 147.15 A
SMITH FALLS VE3RLR 147.81 147.21
ST IGNACE ISL VE3 ? 146.34 146.94 P E
SUDBURY VE3SNR 146.46 147.06
THUNDER BAY VE3YQT 146.46 147.06
TIMMINS VE3TIS 146.34 146.94 1
TORONTO VE3RPT 52.760 52.525
TORONTO VE3MHZ 146.28 146.88
TORONTO VE3MOT 147.78 147.18
TORONTO VE3RPT 146.46 147.06 A
TORONTO VE3TDX 147.93 147.33
TORONTO VE3TFM 147.87 147.27
TORONTO VE3TOR 146.34 146.94
TORONTO VE3TTY 146.10 146.70 2
TORONTO VE3TWR 449.40 444.40 P
TORONTO VE3UNR 449.25 444.25
WATERLOO VE3 ? 147.69 147.09
WINDSOR VE3HFR 147.72 147.12
WINDSOR VE3IH 146.46 147.06
WINDSOR VE3IH 146.28 147.06
WINDSOR VE3RRR 147.90 147.30
WINDSOR VE3WIN 146.40 147.00
WAWA VE3WAW 146.34 146.94

MANITOBA
BRANDON VE4AL NOT KNOWN P A T
BRANDON VE4BDN 146.34 146.94
FLIN FLON VE4 ? 146.34 146.94 P
KILLARNEY VE4KIL 146.25 146.85
MIAMI VE4 ? NOT KNOWN P
PINAWA VE4PIN 146.34 146.94
PORTAGE VE4PLP 146.25 146.85
SHILO VE4 ? 146.25 146.85 P
WINNIPEG VE4XK 146.46 147.06

SASKATCHEWAN

ANGLIN LAKE VE5 ? 146.16 146.76 P
GRENFELL VE5 ? 146.31 146.91 P
ITUNA VE5ABO 146.31 146.91
LAST MTN VE5AT 146.25 146.85
LLOYDMINSTER VE5RI 146.34 146.94
MEACHAM VE5HVR 146.22 146.82 1
MELFORT VE5RPT 146.28 146.88
MELVILLE VE5 ? NOT KNOWN P
MOOSE JAW VE5CI 146.34 146.94
MOOSE MTN VE5MR 146.22 146.82
MOOSOMIN VE5 ? 146.16 146.76
NORTH BATTLEFORD VE5 ? 147.28 147.88 P
PRINCE ALBERT VE5EEE 146.46 147.06
REGINA VE5KE 146.46 147.06
REGINA VE5SS 146.28 146.88
ROCK POINT VE5RPR 146.13 146.73
ROSETOWN VE5 ? NOT KNOWN P
SASKATOON VE5SK 146.34 146.94 1
SHAUNAVON VE5 ? 146.16 146.76 P
SINTALUTA VE5 ? NOT KNOWN P
STRANRAER VE5 ? 146.37 146.97 P
SWIFT CURRENT VE5SCR 146.28 146.88
WATROUS VE5 ? 146.01 146.61 P
YELLOWHEAD VE5SK 146.16 146.76 1
YORKTOWN VE5 ? 146.28 146.88 P

ALBERTA

ANDREW VE6 ? 146.04 146.64 P
CALGARY VE6AUY 146.46 147.06 A
CALGARY VE6RPT 146.34 146.94 1 A
CALGARY VE6RUM NOT KNOWN
CALGARY VE6RYC 146.25 146.85
COLD LAKE VE6OC 146.46 147.06
EDMONTON VE6HM 146.46 147.06
EDMONTON VE6MC 146.25 146.85 A
GRANS PRAIRIE VE6OL 146.46 147.06
HARDISTY VE6WW 146.25 146.85 P
LETHBRIDGE VE6CAM 146.28 146.88
MEDICINE HAT VE6HAT 146.46 147.06
MEDICINE HAT VE6 ? 146.25 146.85
MILK RIVER VE6BRC 146.16 146.76
PIGEON LAKE VE6SS 146.34 146.94
RED DEER VE6QE 146.40 147.00
ROCKY MT HOUSE VE6VHF 146.28 146.88 1
SWAN HILLS VE6 ? 146.22 146.82 P 2
THREE HILLS VE6 ? 146.22 146.82 P
WILLINGDON VE6PP 146.22 146.82

BRITISH COLUMBIA

CHILLIWACK VETELK 146.40 147.00
DAWSON CREEK VETDTE 146.34 146.94
FERNIE VE7 ? NOT KNOWN P
FORT ST JOHN VE7 ? 146.46 147.06 P
KAMLOOPS VETRKA 146.25 146.85
KAMLOOPS VETKAR 146.34 146.94
KELOWNA VETROK 146.22 146.82 P
KIMBERLEY VETCAP 146.34 146.94
MAPLE RIDGE VETRMK 146.19 146.79
MASSETT VETDRZ 146.34 146.94
NANAIMO VETJSC 146.04 146.64
NELSON VETHTU 146.46 147.06
N VANCOUVER VETCOT 146.10 146.70 3
PENTICTON VETOKN 146.34 146.94
PORT ALBERNI VETRAC 147.84 147.24 2
PRINCE GEORGE VETAFG 146.34 146.94
SALMON ARM VETAPH 146.46 147.06
TRAIL VETCAQ 146.34 146.94
VANCOUVER VETESB 147.81 147.21
VANCOUVER VETOP 147.90 147.30 P 2
VANCOUVER VETRAG 147.63 147.03
VANCOUVER VETRPT 146.34 146.94 A
VANCOUVER VETVAN 147.72 147.12
VANCOUVER VE7 ? 224.30 222.70 P
VANCOUVER VETUHF 448.80 443.80
VANCOUVER VETURG 449.00 444.00
VANCOUVER VETWRS 448.85 443.85
VERNON VETRWS 146.28 146.88
VICTORIA VE7VIC 146.25 146.85 A
WILLIAMS LAKE VETDSO 146.34 146.94

YUKON/N.W.T.
WHITEHORSE

VY1BR 146.34 146.94



Canadian Amateur Radio First

LONDON, ONT. VE3OHR 147.87 147.27
LONDON, ONT. VE3MCR 147.60 147.00
LONDON, ONT. VE3NDT 146.34 146.94
LONDON, ONT. VE3OBC 146.31 146.91
LONDON, ONT. VE3LAC 147.66 147.06
LONDON, ONT. VE3TTT 449.400/444/400
TORONTO, ONT. VE3RPT 147.66 147.06 (as of Nov.18)



VE3HAM

AWARD

AWARD

R.S.O.

XOVER - ANTENNA
L - O - R UP
O O DOWN
VFO
LOADING

I DIDN'T
KNOW IT WAS
LOADED

BOOM