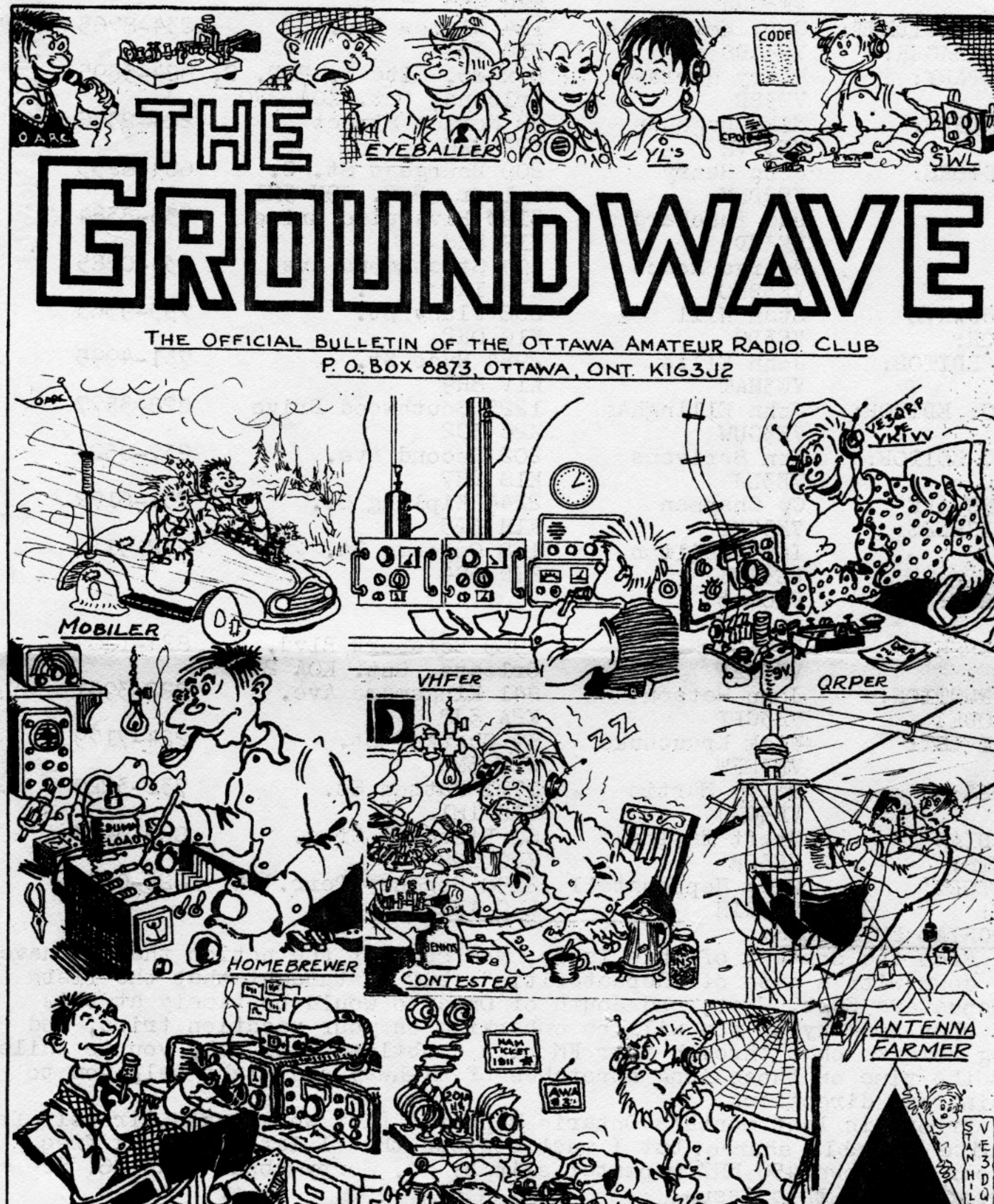
Jul/74


THE GROUNDWAVE
THE OFFICIAL BULLETIN OF THE OTTAWA AMATEUR RADIO CLUB
P. O. BOX 8873, OTTAWA, ONT. K1G3J2
O A R C
EYEBALLER
YL's
CODE
SWL
MOBILER
VHFer
VE3QRP DE YK1VV
QRPER
HOMEBREWER
DUMMY LOAD
CONTESTER
ANTENNA FARMER
RAGCHEWER
HAM TICKET 1911
AWA
B BATT.
DRY CELL
OLD TIMER
STAN HILL VE3DQ

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EDITORIAL EMISSIONS:

* From the content of this issue, you may get the notion that we have come down with a case of "Repeateritis", but we thought that the lists of repeaters East, West, and South of Ontario would be timely at this time when so many of you will be embarking on your vacation trips, and being able to chat through your FM rigs doubtless will help you to while away the time on those long stretches of highway and might help you to obtain road directions.
* Errors in last month's Ontario Repeater List were taken directly from a quite reliable source, but I must confess that I let the wrong freq. for our very own 450 MHZ repeater slip by me. Sorry about that 86! See corrections in this issue.
* There will be no AUGUST GW so the debriefing report on FD will have to wait until the SEPT issue.
* We have a photo story on the West N.Y. Hamfest and VHF Conference, but we don't know how it will print, so if you don't see it, you will know that the attempt was a failure es we will try later when weknow more!
* SEPTEMBER GROUNDWAVE: The deadline for submission of copy will be: Tuesday, August 20th, 1974.

MINUTES OF MEETING - 5 June 1974

The regular monthly meeting of the Ottawa Amateur Radio Club was held on June 5th in the National Research Council. The meeting was opened at 2005 hours by the President.
The first item was the introduction of visitors to the meeting. Among the visitors were VEs 3CV, 3FQS, 2VB, 2CV, 2DNM and VO2AH.
The President called for comments on the minutes of the previous meeting. There being no comments, it was moved by VE3FFW, seconded by VE3EQH that the minutes be adopted as published in the Ground Wave.
CARRIED
Under the heading of old Business, the President reported that some club members had visited the United States Ambassador to Canada (W3AAC) and that they had presented the Ambassador with a club plaque.
Under new business, the Treasurer's report (which had been made available to members at the opening of the meeting)was reviewed. There being no discussion of the report, it was moved by VE3OR and seconded by VE3BCO that the Treasurer's report be accepted.
CARRIED
The President opened a discussion relating to the Club's participation in the AMSAT program in a financial manner. It was moved by VE3LM and seconded by VE3CAL that the club contribute $100.00 to AMSAT.
CARRIED
VE3CDC announced that he would be able to supply members with a complete up-to-date listing of Canadian repeaters by regions.
VE3AUM requested that the club proffer a vote of thanks to VE3ARS for his rapid response and efforts in the recent floods in the Maniwaki area.

Committee Reports
VE3GWY addressed the club on Field Day plans and requested the co-operation of the members. He was followed by VE3UD who elaborated on the arrangements and the requirements for assistance. He announced a meeting of potential participants at Boy Scout Headquarters on Friday.

VE3CRX briefed the meeting on the recent problems associated with the repeater. (Even while Larry was speaking, there was a crew at the site effecting repairs).

Announcements
1. Club picnic on 21 July.
2. Croft announced the availability of RTTY equipment.
3. OVMRC Inc. to hold field day at Fitzroy Harbour.
4. Arrangements completed for continued use of NRC rooms for meetings and beginner's classes.
5. This is last meeting for summer - Ground Wave will publish once more.

The President introduced VE3CLZ who presented a most interesting and informative talk on pocket calculator construction. He was assisted in his presentation by John Henry.

The meeting adjourned at 2130 hours.

Henry Harley VE3BR
Sec'y

SEPTEMBER MEETING

Time and Place: Wednesday, September 4th, 1974, 8 P.M.
National Research Council, Sussex Drive
* Program; Announcement in the SEPTEMBER GROUNWAVE.

"Tomorrow a stranger will say with masterly good sense precisely what we have thought and felt all the time, and we shall be forced to take with shame our own opinion from another." .....Emerson.

Next amateur radio satellite

DETAILS have been announced of the next *Oscar* (orbital satellite carrying amateur radio) package. *Oscar-7* will be the second in the *Amsat-Oscar B (A-O B)* series of long life amateur satellites. It is intended that the orbit will be sun-synchronous and similar to that of *Oscar-6* which still remains operational. The satellite will incorporate the following facilities:

1. AMSAT repeater (designed by Karl Meinzer, *DJ4ZC*):

— input frequency passband between 432.125 and 432.175 MHz;

— output frequency passband between 145.975 and 145.925 MHz;

— power output (high power mode) is 14 W PEP;

— down-link passband is inverted from up-link passband;

— repeater is 45% efficient using envelope elimination and restoration technique;

— linear operation — SSB and CW are preferred modes;

— repeater is commandable to either 3.75 or 14 W PEP output;

— telemetry beacon at 145.980 MHz (200 mW);

— up-link power required: 300-400 W/erp.

2. AMSAT 2 to 10 m repeater (designed by Perry Klein, *K3JTE*):

— input frequency passband between 145.85 and 145.95 MHz;

— output frequency passband between 29.40 and 29.50 MHz;

— power output is 2 W PEP;

— down-link passband is not inverted from up-link passband;

— linear operation — SSB and CW are preferred modes;

— telemetry beacon at 29.50 MHz (not same as Oscar-6).

3. Morse code telemetry encoder (designed by John Goode, *W5CAY*):

— 24 analog input channels;

— converts each analog value into a two-digit Morse code number or "word";

— a third digit precedes the telemetry value and gives the line number in which the word is located;

— format is arranged 4 words per line, six lines per telemetry frame;

— Morse code rate is commandable to 10 words per minute or 20 words per minute.

4. Teletype telemetry encoder (developed by Peter Hammer, *VK3ZPI* and Edwin Schoell, *VK3BDS*):

— 60 analog input channels;

— converts each analog channel to a three-digit number transmitted in Baudot code;

— each three-digit value is preceded by its channel number, making a five-digit telemetry word;

— the data are arranged 10 words per line by six lines per telemetry frame;

— two lines of status information follow the analog matrix and give the spacecraft time (i.e., time in "counts" from launch, 1 count = 96 minutes);

— output keys 435.1 MHz beacon in FSK; 850-Hz shift; 45.5 bauds (reversed from United States standard). Also keys 145.98 and 29.50 MHz beacons as AFSK, on command.

5. Beacon transmitter on 435.1 MHz (developed by Larry Kayser, *VE3QB* and Bob Pepper, *VE2AO*):

— beacon output frequency is 435.10 MHz;

— power output is 0.4 W at an efficiency of 45%;

— beacon is FSK modulated 850-Hz shift.

6. Small beacon transmitter on 2304 MHz (developed by San Bernardino Microwave Society):

— 0.1 W at 2304 MHz;

— turned on by command only for 30-minute periods;

— CW keyed — HI followed by 30-second carrier. Also keyed with Morse code telemetry on command.

7. Codestore — message store-and-forward system (built by John Goode, *W5CAY*)

— 896 bit memory capacity using COS/MOS shift register memory;

— loaded via command link;

— output code speed is 13 words per minute.

8. Experiment control logic (designed by Jan King, *W3GEY*):

— selects the spacecraft operating modes;

— protects satellite against excessive battery drain by reducing repeater output power or by shutting it off completely.

9. Input solar power, battery charge regulator (developed by Karl Meinzer, *DJ4ZC* and Werner Haas, *DJ5KQ*):

— converts 6.4 V at arrays to 14 V to charge battery or to supply the spacecraft experiments;

— senses overcharge of battery and reduces charging current;

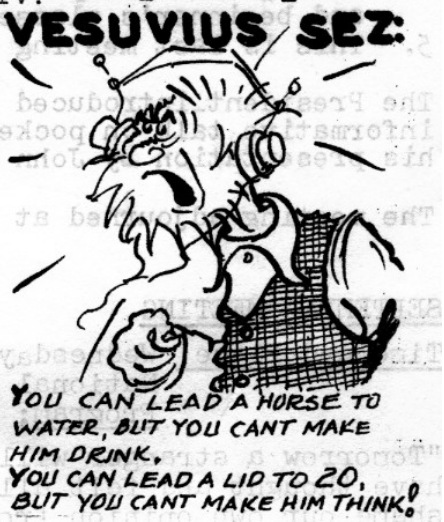
— senses failure of either of the two redundant regulators and switches to the opposite regulator automatically.

The equipment in Oscar-7 has been assembled and tested by AMSAT, and the constructional work has been carried out by amateurs in Australia, Canada, the Federal Republic of Germany and the United States. AMSAT is supported by amateur radio operators located in 46 different countries. — *International Amateur Radio Union Region 1 Division/ Amateur Radio Satellite Corporation*

CREDIT: ITU TELECOMMUNICATION JOURNAL

NOTE:

In our endeavour to keep pace with the more sophisticated aspects of our hobby, we print the foregoing article on OSCAR 7 from the January I.T.U. Telecommunication Journal, provided by Henry Harley VE3BR. Now, does anyone have any good gen on E.M.E.(Moon Bounce), and Slow and Fast Scan TV? _ * * * _



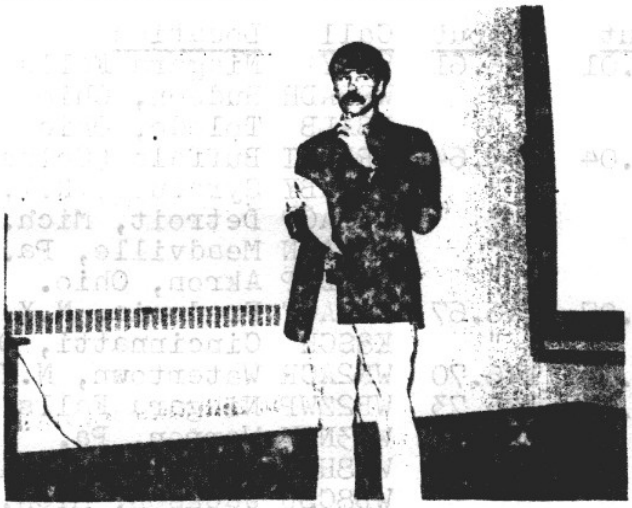
AT THE W. NEW YORK HAMFEST & V.H.F. CONFERENCE - ROCHESTER

HARRY DANNALS W2TLIK
ARRL PRESIDENT

DOUG BURRILL VE3CDC
CARY HONEYWELL VE3ARS

BOB PEPPER VE2AO
LARRY KAYSER VE3QB

LARRY KAYSER VE3QB
TALKS ABOUT OSCAR 7



RANDY SMITH VE2BYG
TALKS ABOUT OSCAR 7

GEORGE SPENCER VE2MS
HOWARD VE3MT

HOWARD LESTER W2ODC

PHOTOS COURTESY GEORGE ROACH
VE3BNO

REPEATER NEWS

St Lawrence Valley Repeater Council Meeting - Saturday May 25th

The St Lawrence Valley Repeater Council met on May 25th, 1974 to consider the following additional repeaters to the area;

Ingleside, Ont. - 146.16 in, 146.76 out. Trustee VE3FVI
Brockville, Ont.- VE3WXR 146.28 in, 146.88 out. Trustee VE3HY
Ogdensburg, N.Y.- 146.31 in, 146.91 out.

Our thanks to Doug VE3CDC for supplying the above info.

Corrections to the Ontario Repeater List in the June Groundwave

Input	Output	Call	Location	Sponsor	Trustee
146.28	146.88	VE3WXR	Brockville (Summer 74)		VE3HY
146.34	146.94	VE3NDT	London		VE3ETJ
222.38	222.98	VE3TFM	Toronto	TFMCS	VE3DVW
448.3	443.3	VE3PRT	Toronto	Pioneer	RC
443.3	448.3	VE2CRA	Ottawa (Ottawa-Hull)	OARC	VE3CEZ

Repeaters in U.S.A. Within 75 miles of the Ontario Border.

Now that the vacation season is here, some of you may be heading south of the border, so the following list weeded out of the composite list in the TFMCS Inc. Bulletin might be useful:

Input	Output	Call	Location	Sponsor	Trustee
146.01	146.61	W2OY	Niagara Falls (Grand Island) N.Y.	BARF	WA2CEB
"	"	WR8ADH	Hudson, Ohio		
"	"	K8ALB	Toledo, Ohio		
146.04	146.64	WR2ABI	Buffalo (Colden) N.Y. (Proposed)	BARF	
"	"	WR2ABY	Syracuse, N.Y.		
"	"	WR8ACF	Detroit, Mich.		
"	"	WR3ABN	Meadville, Pa.		
"	"	WB8DJP	Akron, Ohio.		
146.07	146.67	WR2ACF	Fredonia, N.Y. (proposed)		K2JQT
"	"	K8SCH	Cincinnatti, Ohio		
146.10	146.70	WR2ACR	Watertown, N.Y.		
146.13	146.73	WB2ZWP	Niagara Falls (Grand Island) N.Y.	BARRA	W2PLV
"	"	WA3NTY	Warren, Pa.		
"	"	WB8HHE	Cleveland, Ohio		
"	"	WB8CSU	Jackson, Mich.		
146.16	146.76		Watertown, N.Y.		
"	"	WR8ACE	Ashtabula, Ohio		K8EUR
"	"	WR8ABC	Cleveland, Ohio		
"	"	WB8CQS	Detroit, Mich.		
"	"		Groversville, N.Y.		
"	"	WR8ABJ	Newcomerstown, Ohio		
146.19	146.79	WR2ABF	Rochester, N.Y. (Henrietta)		
"	"	WA3KXD	Erie, Pa.		WA3TRJ
"	"	WB8CQU	Toledo, Ohio		
146.22	146.82	WR3ABY	Erie, Pa.		K3NAU
"	"	WR2ACJ	Lockport, N.Y.		K2ECQ
"	"	WA8TTO	Cleveland, Ohio		
"	"	WA2UWF	Syracuse, N.Y.		
"	"		Oil City, Pa.		
"	"	WR2ADL	Plattsburg, N.Y.		
146.25	146.85	WR2ACM	Dunkirk, N.Y.		WA2ECM
"	"	WR2ACT	Bradford, Pa.		
"	"	WA8BOD	Detroit, Mich.		
"	"	WR2ADF	Oswego, N.Y.		

.....

U.S. Repeaters (continued)

Input	Output	Call	Location	Sponsor	Trustee
146.28	146.88	WA2UKW	Jamestown, N.Y.		K2TXB
"	"	WA2UWQ	Rochester, N.Y.		K2LDU
"	"	WR2ABO	Rome, N.Y.		
"	"	WB8CRU	Cleveland, Ohio		
"	"	WA8UWH	Youngstown, Ohio		
"	"	WB8CSQ	Jackson, Mich.		
146.31	146.91	WR2ABU	Buffalo (Boston) N.Y.	BARRA	W2EUP
"	"	WA2ZVZ	Syracuse, N.Y.		
"	"	W8QLY	Hubbard, Ohio		
"	"	W8WTB	Columbus, Ohio		
"	"		Ogdensburg, N.Y. (proposed)		
146.34	146.94	K2GVI	Utica, N.Y.		
"	"	WR3ACB	Erie, Pa.		
"	"	WA2UWT	Cuba, N.Y.		
"	"	W1KOO	Burlington, Vt.		
"	"	WB8CQM	Lansing, Mich.		
146.37	146.97	WB8CSC	Ann Arbor, Mich.		
"	"	WA3TQK	Pittsburgh, Pa.		
146.40	147.00	WR2ACA	Buffalo (Cherry Creek) N.Y.	BARRA	WA2EGW
146.46	147.06	K2AE	Schenectady., N.Y.		
"	"	WR2ABG	Syracuse, N.Y.		
146.52			National Calling and DXing Freq.		
147.48			Lancaster, N.Y. DX Net		
147.51			Hold for Niagara Falls DX Net, presently 147.36		
449.0	444.0	WR2ABU	Buffalo, N.Y.	BARRA	
449.1	444.1	WR2ABI	Buffalo, N.Y.		

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HEADIN' EAST? - Maybe the following Repeaters will add to your enjoyment.

Quebec Repeaters

Input	Output	Call	Location
146.16	146.76	VE2DN	Montreal (Laurel) (September 1974)
"	"	VE2VD	Quebec
"	"	VE2IU	Saguenay District (May 1974)
146.22	146.82	VE2UX	Quebec (Mont Ste. Anne)
"	"	VE2VP	Saguenay District
146.28	146.88		Alma (Summer 1974)
"	"	VE2PY	Montreal
146.34	146.94	VE2SP	Chicoutimi
"	"	VE2CRA	Hull-Ottawa
"	"	VE2OM	Quebec
"	"	VE2NY	Riviere du Loup
146.40	147.18	VE2RM	Montreal Area (Rigaud Mtn)(Proposed o/p 147.00 Summer 1975)
146.40	449.75	VE2RM	Montreal Area (Rigaud Mtn)
146.46	146.94	VE2CRS	Jonquieres
"	"	VE2CSL	Matane
146.46	147.06	VE2ZO	Montreal Area (Shawbridge) (Change to VE2BG June 74)
146.46	146.94	VE2SS	Sherbrooke
"	"	VE2	Seven Islands
"	"	VE2AT	Trois Rivieres (Change to 146.07/146.67 June 1974)
146.52	147.50	VE2TA	Mount Orford (Change to 146.19/146.79 or 146.13/146.73 by Summer 1975)
146.70	147.60	VE2XW	Montreal Area (Mont St Bruno) (Change to 146.10/146.70 by Summer 1975)
146.70	147.60	VE2ASU	Quebec (Mont Buckland)

Down East Repeaters

Input	Output	Call	Location
New Brunswick			
146.16	146.76	VE1PD	Fredericton (147.80/4.225 AM)
146.22	146.82	VE1KI	Saint John
146.28	146.88	VE1RPT	Moncton
"	"	VE1IE	St. Stephen (Summer 1974)
146.34	146.94	VE1GT	Fredericton
146.46	147.06	VE1KMT	Kintore Mtn (Perth) (Summer 1974)
?	?	VE1SMT	Scotch Mountain (Fall 1974)
Nova Scotia			
146.04	146.64	VE1LHR	Gore (Summer 1974)
146.16	146.76	VE1HR	New Glasgow
146.34	146.94	VE1ARC	Halifax (146.46 alt. i/p until July 1974)
146.46	147.06	VE1BO	Bridgetown
"	"	?	Liverpool (July 1974)
146.46	146.94	VE1JD	Sydney
146.46	147.06	VE1XK	Truro
146.58	147.18	VE1AEH	Mt. Blomidon
Prince Edward Island			
146.10	51.525	VE1ATN	Charlottetown
52.525	7.00	"	"
146.34	146.94	VE1HI	Charlottetown
Newfoundland			
146.46	146.94	VO1KI	Cornerbrook
"	"	VO1AV	Grand Falls
"	"	VO2AD	Labrador City/Wabush (146.34 Alt i/p Summer 1974)
"	"	VO1GT	St. John's (146.34 Alt. i/p Summer 1974)

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WESTWARD HO!

Input	Output	Call	Location
Manitoba			
146.46	146.94	VE4BDN	Brandon (i/p change to 146.34 May 1974)
"	"	VE4XK	Winnipeg (Change contemplated)
Saskatchewan			
146.34	146.94	VE5CI	Moose Jaw (Summer 1974)
"	"	VE5SK	Saskatoon
146.46	146.94	VE5FN	Lloydminister (Possible active Summer 1974)
146.46	147.33	VE5SS	Regina
Alberta			
146.28	146.88	VE6CAM	Lethbridge
146.34	146.94	VE6RPT	Calgary
"	"	VE6	Wetaskiwin (Proposed: No date for operation)
146.46	147.00	VE6AUY	Calgary
"	"	VE6OC	Cold Lake
"	"	VE6WQ	Edmonton
"	"	VE6OL	Grand Prairie (Inactive)
"	"	VE6HAT	Medicine Hat (Possible change to 46/06)
"	"	VE6QE	Red Deer
British Columbia			
146.04	146.64	VE7CNR	Nanaimo (Summer 1974)
146.22	147.54	VE7BEL	Victoria
146.34	146.94	VE7KAM	Kamloops
"	"	VE7CAP	Kimberly
"	"	VE7OKN	Penticton (Summer 1974)
"	"	VE7AFG	Prince George
"	"	VE7CAQ	Trail
"	"	VE7RPT	Vancouver

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British Columbia Repeaters (Continued)

Input	Output	Call	Location
146.46	147.00	VE7ELK	Chilliwack
"	"	VE7APH	Salmon Arm (To be changed)
146.46	147.33	VE7BTU	Nelson
147.72	147.12	VE7VAN	Vancouver

Yukon and N.W.T.

No repeaters known

NOTE: The foregoing list of Canadian repeaters coast-to-coast was taken from a list published by the Canadian Repeater Advisory Group (CRAG) J. Lyle Ward VE3CEZ, of our club, Secretary. My thanks to Doug, VE3CDC for providing me with the list. Ed.

- * * * -

Repeaters in Public Service

We have a letter from Holland Shepherd (Shep) VE3DV, SCM Ontario, enclosing the article in June QST "Repeaters Are Public Machines" about the use of repeaters during the Great Chelsea (Massachusetts) Fire of 1973, which was a dramatic example of the usefulness of Amateur repeaters in public service communications.

This article indirectly supports the change the Ontario SCM made in September, 1972 of restructuring the Ontario Amateur Radio Emergency Corps (AREC) from county-wide coverage to individual cities and towns with preference being given to cities and towns with one or more repeaters.

Shep cites the article as an example of how the use of repeaters may be organized for public service and suggests that "we have some first class empirical data on a system that has worked for a major peacetime emergency and that it is well worth our time and effort to see if such a system will fit into the objectives of every Ontario ARC or group that sponsors a repeater."

Shep hastens to add that he does not mean to imply because a city or town does not have an AREC EC that that city or town does not use its repeater for emergency communication or support special events in the public interest; but he would prefer to see the clubs nominate and actively support an EC who was a full member of ARRL because this would then make available to him (and the ARCs) a large assortment of brochures, booklets, forms, letterhead, membership cards and a variety of other items obtainable only to the Ontario AREC through ARRL HQ.

- * * * -

NOW THEY'VE DUNG IT!

We have all heard about fuel being produced for infernal combustion engines in Britain from wood chips during WWII, and fuel made from pig manure in Germany of late; but now we have a unique method of producing fuel for power generation to run, among other things, an Amateur Radio Station.

In the Montreal Amateur Radio Club Inc. Bulletin, "The Marcogram", is an article by Micheal Watts VE2ARP on "Amateur Radio in Kenya" from which we quote:

"One of the big shambas (farms) has electric light, power, milking machines and a ham radio rig run entirely on cow manure. In a corner of the farmyard are two 20 foot diameter hemispheres into which all farm manure is dumped via airlock. From the top of the dome a pipe takes methane formed by the decomposition of waste products to a collector pump and stowage tank. A deisel engine, suitably modified, and powered by methane, drives a generator set and also charges a battery standby system. Power available is 240VAC 50 cycles and 12VDC. A genuine case of something for nothing. Its probably one of the few ham stations in the world which is running on cow dung!"

Wonder how many cows a fellow would need to run a QRP rig?

- * * * -

OTTAWA AREA NEWS

Ski Marathon Cheques

The Ski Marathon people have mailed out all the cheques covering the expenses of Amateurs who operated during the February Marathon..If you didn't receive yours, get in touch with the undersigned.

George Roach VE3BNO

- * * * -

FLASH! - Editor Admits Mistake ! ! !

When a fellow puts in 11 hrs 30 mins manning the St Johns Ambulance Mobile vehicle during the Miles for Millions, and then the Editor of the local Amateur club bulletin gets the call wrong, it's almost enough to provoke a guy into quitting Amateur radio! In the "Corn Crib" we have our little problems; such as when the steno's little pinkie hits the wrong typewriter key and fluffs a key word, it can be as embarrassing as all-get-out! But the steno is blameless in this instance; the misprint in the June GW was a genuine Editor's boob! My apologies to Ralph VE2BMH.

Stan VE3DQ

- * * * -

MEMBERSHIP LIST - NATIONAL CAPITAL CHAPTER Q.C.W.A.

Name	Address		Call	QCWA No.
Bourne, Bruce	1936 Haig Dr.	K1G 2K1	VE3YA	8944
Cameron, R.B.	30 St. Remy Dr. Box 40 RR#3	K2C 3H2	VE3BBM	
Everson, Carl U.	Box 4, Osgoode	K0A 2W0	VE3BYX	8764
Gillies, C. Brodie	Box 10, Braeside	K0A 1G0	VE3JA	8642
Grant, Gordon A.	2050 Balharrie	K1G 1G3	VE3DY	8793
Harley, Henry	Box 25 Site 1 RR#2 Orleans	K0A 2V0	VE3BR	5113
Haycock, Maurice	525 Broadview		VE3LC	8785
Lewrey, Norm A.C.	497 Roosevelt	K2A 1Z9	VE3HO	8707
Marsh, F.W.	52 Starwood Rd.	K2G 1Z3	VE3SB	8628
McCalla, John W.	9 Horner Dr.	K2H 5E6	VE3DH	3927
McCourt, Vernon A.	912 Mooney Ave.	K2A 3A1	VE3PY	
Morgan, W.E.	755 Hamlet Ave.	K1G 1P7	VE3GX	8803
Parsons, Harold E.	RR#3 Metcalfe	K0A 2P0	VE3QA	
Pepper, Dougald J.	26 Glendenning Dr.	K2H 7Y9	VE3OZ	8670
Plummer, P.J.G.	201 Crestview Rd.	K1H 5G1	VE3MA	2529
Poole, Charles	5 Mayo	K2E 6X3	VE3OJ	8683
Poole, Howard S.	322 Frank #205	K2P 0X8	VE3VP	
Punchard, J.C.R.	3193 Riverside Dr.	K1V 8N8	VE3UD	8676
Roach, Wm. George	104 Strathcona	K1S 1X6	VE3BNO	8811
Sawyer, Clifford	1296 Cornell	K2H 7M1	VE3EJK	8726
Schuthe, Geo. M.	235 Daniel Ave.	K1Y 0C7	VE3DMC	8774
Scrivens, A.K.	202 Second Ave.	K1S 2H7	VE3LJ	8296
Shepherd, H.H.	3016 Cowan Cres.	K1V 8L1	VE3DV	6571
Stark, A.P.	22 Lyall St.	K2E 5G8	VE3ZS	8677
Swail, J.	18 Kilbarry Cres.	K1K 0G8	VE3KF	8695

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Carleton University Amateur Radio Club VE3OCU

VE3OCU is the call of the Carleton University Amateur Radio Club stn. located in the new University Center building at Carleton U. The club has a membership of over 20 hams, SWLs, and other interested persons, mostly University students. Most of the active club members are in Science or Engineering courses. Equipment includes an SB101, SB200 Linear, YAESU Xmtr., a shortwave rcvr. for SWLs, and two towers. Antennae include an 80-40 ....

VE3OCU (continued)
dipole, a 20 meter monobander, 20-15-10 tri-bander and a 6 meter beam. The club also has an SB402 6 meter transceiver. The club owns no equipment for use above 6 meters although beams for 2 and ¼ meters exist on one of the two towers. They hope to get involved in VHF/UHF in the future as activity grows in the Ottawa area. The club room is Room 514. Our informant advises that visitors are welcome.

Information by courtesy of Gordon Woroshelo VE3EYW

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NEWS RELEASES

DOC LIAISON

As stated in the objectives of the charter of the Canadian Amateur Radio Federation Inc., CARF is the official liaison organization between Amateurs in Canada, through the provincial Amateur organizations, and the DOC.

It is strongly recommended that Amateurs forward queries on regulatory matters, especially those with a general, national or international connotation, to the national federation. This can be through the provincial bodies or directly to CARF, Box 356, Kingston, Ont. K7L 4W2. The Federation has established direct and personal liaison with DOC headquarters to discuss, and hopefully resolve, Amateur problems.

Recent developments have indicated DOC is most anxious for Canadian Amateurs to regulate and solve their own operational problems through CARF with the least necessary reference to the Department.

Credit - The Canadian Amateur.

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CQ OLD TIME BRASS POUNDERS

The Society of Wireless Pioneers, an organization of professional wireless and radio men, is seeking to establish a chapter in Eastern Canada.

The Society publishes an excellent yearbook and directory for its members in order to preserve the history of an era which brought about great changes in the lives of people and the economics of nations.

Founded about four years ago, the Society is open to those who made their living at one time or another as "brass-pounders" on CW circuits. The Society has 1,100 members world-wide.

More information and application forms can be obtained from Art Stark, VE3ZS, 22 Lyall St., Ottawa, K2E 5G8, Ont. Dues are $5.00 per year, plus a $2.50 initiation fee.

Credit - The Canadian Amateur.

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USE OF BEAMS ON REPEATERS

I have been asked to bring to the attention of all repeater users the undesireability of using beam antennae when working into repeaters. With the duplication of inputs due to band crowding, it is not unusual to trip two or more repeaters other than the wanted one when your signal overshoots its target. I am sure you recognize this annoyance and waste of facilities. G.A. Davis VE3BBW, RSO VHF Chairman.

Credit - The Ontario Amateur.

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Transistor Lesson

No doubt you missed STAFF's transistor article in this issue of the GW, but do not fret! He shure will be back large as life in the Sept issue.

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ARCOVERS: Gerry VE3CNJ promises to keep you jolted out of your coma on FD with regular slugs of his wunnerful Java!-...-Larry VE3GRJ is gg to help man the FD kitchen-...-Cary VE3ARS set up an emergency station in Maniwaki during the Gatineau Flood but being not needed, appeared on his motorbike, much windblown, next day at the Rochester Hamfest-...-Mike Waters VE3BYO is leaving Ottawa to work for Harris Semiconductors in Florida-...-Mac VE3VI suffered a painful foot injury when his tractor rolled on him. Speedy recovery Mac!-...- Plumb outa space! Have a good Summer!.-.-.73 ...-.-