



The Repeater

Winter 2010

Distributed to all Current Members

President's Report

From the desk of Ed VE4EAR

Welcome to our 2010 winter edition of the MRS Repeater. Everyone seems to be rushing about but hopefully you can find a minute or two to catch up on your club's happenings.

Your technical team has been working tirelessly trying to get and keep all the repeaters and links online. By the time you read this, we hope to have an antenna or feedline problem at Portage la Prairie resolved and VE4PLP back to full range. Ellis has all the details in the technical report.

While you are adding things to your "To-do" list, please also include a renewal of your MRS membership. Payments can be made by cash or cheque through the mail or via PalPal and a credit card from our website. This secure system will allow you to make your payments with your credit card or direct from your chequing account. Just navigate to the "membership" page for more details and to take advantage of this liability insurance program. For the past several years all members of RAC received the benefit of being covered by a third party liability policy. However, effective January 2011, that policy lapses and is replaced by a new one. The catch is now all RAC affiliated clubs will receive the coverage and individuals will be covered if they are performing club activities. However individuals will only receive 3rd party liability coverage for personal radio activities if they are both members of RAC **AND** members of an affiliated club.

I am sure Derek Hay will be providing details to all the local clubs. The Radio Amateurs of Canada (RAC) is implementing some changes in its liability

This insurance is also another excellent reason to join both RAC and a local club, preferably MRS. The club's insurance cost is dictated by the number of RAC members it has so the bottom line, your RAC membership helps reduce our insurance costs. Please be sure you indicate your RAC membership when renewing your MRS membership!

As we prepare to enter 2011, I am looking forward to an active and exciting year ahead for amateur radio and in particular, the Manitoba Repeater Society. On behalf of the Manitoba repeater Society executive and myself, we would like to extend the warmest of season greetings to you and your family.

73

Ed Richardson
VE4EAR

Technical Report

From the desk of Ellis VE4AJO

Seasons Greetings Everyone.

2010 has been a busy summer and fall for the technical crew of MRS. Beginning in July with the tune up of the VHF repeater at Bruxelles VE4MRS. Subsequent trips were made to Bruxelles to install the Tone Access board on a frequency of 141.3 Hz. Stops were made at Portage VE4PTG measuring the cabinet for final positioning of the electronics. Quick exits were made from both MRS and PTG with Lightening and Thunder all around us. PTG was later visited and all the electronics are in one cabinet and the duplexer in the other. This way only one heater and the three radio heat the one cabinet.

Negotiations are under way with the Kenora Group for MRS to take over VE4FAL repeater. To that end the technical crew were at the site to make repairs to a bad feedline from the shack to the tower. Water had gotten inside the cable and was pooling in a connector and destroying a length of half inch buried hard line which was dug up, replaced and reburied. This is part of the UHF link to Kenora.

Also on the trip Hadashville VE4EMB was looked at and some minor damage to the shelter was repaired.

Milner Ridge repeater was reviewed on this trip as well. Sometimes the breaker gets turned off and a breaker lock is being planned for installation.

Noise on the Linked System is the problem being fought at present. The noise seems to be entering the system when links are up through the receiver at WPG that receives the signals from Starbuck. This is why we do not hear the noise on VE4MAN. Planning is under way to sort this out over the winter. It is much more comfortable at the WPG site in winter. Solving this source of noise will no doubt show another one to resolve.

VE4WPG 147.390MHz Tone 127.3 Hz both tone access and tone squelch on this machine. You may hear the 127.3 Hz tone if your receiver is broad enough.

VE4VJ 443.500MHz Tone also 127.3 Hz

VE4WRS 145.450 Auto Patch and IRLP repeater.

VE4GIM 145.85

VE4MIL 145.21

VE4FAL 146.64

VE4EMB 147.36

VE4MAN 146.610MHz Tone 127.3 Hz Link radio to Portage to be replaced

VE4PTG 146.165 Antenna work to be done. There appears to be a problem with the patch cable from the line up the tower to the antenna, resulting in limited performance of this machine Tower work to replace the patch cable from the main feedline to antenna is scheduled for Monday 21 Dec.

VE4MRS 145.310 MHz Tone 141.3 Hz both tone access and tone squelch on this machine. Here too you may hear the 141.3 Hz tone

VE4CDN 145.270 MHz Tone 127.3 Hz Some distortion on link from Morris to Starbuck Link Radio will be replaced.

Eleven Repeater systems on nine sites from South Western Manitoba to Falcon Lake in the East available for your use. Are you supporting The Manitoba Repeater Society ?

Merry Christmas and the very Best Wishes for the year ahead

MANITOBA FREQUENCY LIST – DECEMBER 2010

CALL	LOCATION	RX	TX	NOTES	PL
VE4ARM	AUSTIN	50.0180		BEACON	
VE4SPT	GILLAM	50.0250		BEACON	
VE4VHF	WINNIPEG	50.0360		BEACON	
VE4ARM	AUSTIN	144.2810		BEACON	
VE4ARM-3	AUSTIN	144.3900		APRS	
VE4BRC-3	BEAUSEJOUR	144.3900		APRS	
VE4SMA-3	MORRIS	144.3900		APRS	
VE4PTG-3	PORTAGE LA PRAIRIE	144.3900		APRS	
	ROSS	144.3900		APRS	
VE4UB-3	SELKIRK	144.3900		APRS	
VE4VB-3	WINKLER	144.3900		APRS	
VE4GIL-3	WINNIPEG	144.3900		APRS	
VE4BAS	BASSWOOD	145.1500	144.5500	O	127.3
VE4PAR	WINNIPEG	145.1700	144.5700	O,A,ECHO	
VE4VRG	WINKLER	145.1900	144.5900	O	
VE4MIL	MILNER RIDGE	145.2100	144.6100	O	
VE4ARC	WINNIPEG	145.2300	144.6300	O	127.3
VE4CDN	MORRIS	145.2700	144.6700	O	
VE4MRS	BRUXELLES	145.3100	144.7100	O	
VE4PAS	THE PAS	145.3500	144.7500	O	
VE4ARS	WINNIPEG	145.3500	144.7500		
VE4PIN	PINAWA	145.3700	144.7700	O,E,A	
VE4COW	WINNIPEG	145.3900	144.7900	O	127.3
VE4TEU	TEULON	145.4100	144.8100	O	
VE4SIX	WOODLANDS	145.4300	144.8300	O	
VE4WHR	WINDY HILL	145.4500	144.8500	C, E	
VE4WRS	WINNIPEG	145.4500	144.8500	C,A,I	
	PINAWA	146.4900		s IRLP	
	BEAUSEJOUR	146.5050		s IRLP	
VE4MAN	STARBUCK	146.6100	146.0100	O, E	
VE4CTY	BRANDON	146.6400	146.0400	O, E	
VE4DPN	Dauphin	146.6400	146.0400	O,A	
VE4FAL	Falcon Lake	146.6400	146.0400	O	
VE4JRA	WINNIPEG	146.6700	146.0700	O,ECHO	
PLANNED	St Agathe	146.6850	146.0850		
VE4SHR	SPEARHILL (ASHERN)	146.7000	146.1000	O,A	
VE4TED	BRANDON	146.7300	146.1300	O	
VE4SLK	EAST SELKIRK	146.7300	146.1300	O, E	
VA4IRL	BRANDON	146.7600	146.1600	I	
VE4FLN	WINNIPEG	146.7600	146.1600	O	
RESERVED	STEINBACH	146.7900	146.1900	O	
VE4INT	BIRDS HILL	146.8200	146.2200	O	
VE4GIM	GIMLI	146.8500	146.2500	O,L1	
VE4IHF	ST JOHN	146.8500	146.2500	O,W	
VE4HS	BRUXELLES	146.8800	146.2800	O	
VE4MTR	AUSTIN	146.9100	146.3100	O	
VE4TGN	MANIGOTOGAN	146.9100	146.3100		
VE4TWO	PORTABLE	146.9100	146.3100	O	

VE4BDN	BRANDON	146.9400	146.3400	O	
VE4FFR	FLIN FLON	146.9400	146.3400	O	
VE4SRR	SWAN RIVER	146.9400	146.3400	O,E,I	
VE4TPN	THOMPSON	146.9400	146.3400	O	
VE4LDR	LUNDAR	146.9700	146.3700	O	
VE4CAI	WINNIPEG	147.0150	146.4150	O, ASTRO	
VE4BMR	BALDY MOUNTAIN	147.0300	146.4300	O, E	
VE4PCL	FOXWARREN	147.0600	147.6600	O	
VE4MBR	SELKIRK	147.0600	147.6600	O, E	127.3
	MANITOBA WIDE	147.0900	147.6900	PORTABLE	
VE4AGA	WINNIPEG	147.1200	147.7200	C	
VE4PTG	PORTAGE	147.1650	147.7650	O, E	
VE4INC-R	WINNIPEG	147.1800	147.7800	O. L	
VE4NEP	NEEPAWA	147.2100	147.8100	O	
VE4RAG	ELIE	147.2400	147.8400	O	127.3
VE4BVR	RUSSELL	147.2400	147.8400	O,E,D	
VE4UMR	WINNIPEG	147.2700	147.8700	O,E,A	127.3
VE4EDU	WINNIPEG	147.3000	147.9000	O,E,B	
VE4TGN	WINKLER	147.3300	147.9300		
VE4EMB	HADASHVILLE	147.3600	147.9600	O	
VE4WPG	WINNIPEG	147.3900	147.9900	O, E	127.3
VE4BRC	BEAUSEJOUR	147.5400		C,A,S	
VE4RPT	WINNIPEG	224.9400	223.3400	O,E,D	
VE4ARM	AUSTIN	432.3010		BEACON	
VE4EDU	WINNIPEG	434.0000	1253.2500	ATV	
VE4MBR	SELKIRK	443.0000	448.0000	O, E	127.3
RESERVED	WINNIPEG	443.2250	448.2250	O,	
VE4PAR	WINNIPEG	443.4000	448.4000	O, Portable	
VE4VJ	WINNIPEG	443.5000	448.5000	O	127.3
VA4FIL	WINNIPEG	443.6000	448.6000	O	
VE4CTY	BRANDON	443.7000	448.7000	O, E	
VE4UHF	WINNIPEG	444.0000	449.0000	O	432.0
VE4ART	WINNIPEG	444.1000	449.1000	O	
VE4SLK	EAST SELKIRK	444.1500	449.1500	O, E	
VE4ARM	AUSTIN	444.2750	449.2750	O, E	
VE4MIL	MILNER RIDGE	444.4000	449.4000	C TO VE4FAL	
VE4AGA	HEADINGLEY	444.5000	449.5000	O	127.3
VE4KIL	KILLARNEY	444.5000	449.5000	O	123.0
VA4UHF	WINNIPEG	444.7500	449.7500	O,ECHO	
VE4DEJ	WINNIPEG	444.8750	449.8750		
VE4CAI	WINNIPEG	444.9750	449.9750	O IMBE ASTRO	664.0

M.R.S. Current Executive

President	Ed	VE4EAR	ve4ear AT rac.ca
V/President	Bill	VE4ALW	williamr AT rac.ca
Secretary	Dick	VE4HK	ve4hk AT rac.ca
Treasurer	Harm	VE4HAZ	ve4haz AT rac.ca
Membership	Sue	VE4SYM	ve4sym AT rac.ca
Technical	Ellis	VE4AJO	ve4ajo AT rac.ca
Directors	Yori	VE4ACX	453-3786
	Walter	VE4VB	284-3054
	Fred	VE4TRO	
	Phil	VE4QB	fphilb AT rac.ca
Past Pres.	Derek	VE4HAY	ve4hay AT rac.ca

M.R.S. Current Fee Schedule

Current & Renewal Members \$25.00 per calendar year

First time New Members Pro-rated quarterly

January to December \$25.00

April to December \$18.75

July to December \$12.50

October to December \$6.25

Family Membership is for each additional members residing at the same residence as the initial member is \$5.00 more

REWARD OFFERED

A REWARD OF 500 MICROFARADS IS OFFERED FOR THE INFORMATION LEADING TO THE ARREST OF HOP-A-LONG CAPACITY. THIS UNRECTIFIED CRIMINAL ESCAPED FROM A WESTERN PRIMARY CELL WHERE HE HAD BEEN CLAMPED IN IONS AWAITING THE GAUSS CHAMBER.

HE IS CHARGED WITH THE INDUCTION OF AN 18 TURN COIL NAMED MILLI HENRY WHO WAS FOUND CHOKED AND ROBBED OF VALUABLE JOULES. HE IS ARMED WITH A CARBON ROD AND IS A POTENTIAL KILLER. CAPACITY IS ALSO CHARGED WITH DRIVING DC MOTOR OVER A WHEATSTONE BRIDGE AND REFUSING TO LET THE BAND-PASS.

IF ENCOUNTERED, HE MAY OFFER SERIES OF RESISTANCE. THE ELECTROMOTIVE FORCE SPENT THE NIGHT SEARCHING FOR HIM IN A MAGNETIC FIELD, WHERE HE HAD GONE TO EARTH. THEY HAD NO SUCCESS AND BELIEVED HE HAD RETURNED OHM VIA A SHORT CIRCUIT

HE WAS LAST SEEN RIDING A KILOCYCLE WITH HIS FRIEND EDDY CURRENT WHO WAS PLAYING A HARMONIC.

A bit of humor forwarded by Mr. Mark Bushnell, Director of Engineering at CCA Electronics. Original Author unknown. If you know who it was, please have them get in contact with this websites owner.

MRS Memberships

First, a big "THANK YOU" to everyone who has already paid their 2011 MRS dues

Dick VE4HK will have MRS membership forms available at upcoming WARC meetings, ARES meetings, and at coffee Saturday mornings, December and January. He would love to take your dues, to save you the trouble of mailing a cheque.

As a new service to our members, you can now go to the Manitoba Repeater Society Inc. website www.mb-repeater-society.ca/ download the membership form, and use PayPal to pay your membership. We request that members using PayPal enter their call sign in the COMMENTS section of PayPal.

All necessary information is on the website, to complete the membership form and mail it in, or give it to Dick VE4HK



MEMBERSHIP APPLICATION / RENEWAL

(Please note: membership year is January 1st to December 31st)

Mail to:

**Membership Manitoba Repeater Society
C/O VE4WSC
598 St. Mary's Road
Winnipeg MB R2M 3L5**

Call Sign _____

Surname _____

Preferred First Name _____

Mailing Address _____

City _____ Prov _____

Postal Code _____

Home Phone _____

Work Phone _____

E-mail Address _____

Renewal _____ New _____ New Ham _____ RAC Member _____

First Time Member Pro-Rated

Jan to Dec \$25.00

Apr to Dec \$18.75

Jul to Dec \$ 12.50

Class of Member: Regular \$25.00 Addn'l Family Member \$5.00

Newsletter by E-mail _____ or Snail Mail _____

Would you be willing to help out on work at various repeater sites ? YES NO

Optional Information:

Current Occupation: _____

If Retired Former Occupation: _____

Skills: _____

<p>Club use only</p> <p>Date _____</p> <p>\$ _____</p> <p>Cheque/Cash/Money Order</p> <p>Recpt _____</p> <p>Card Issued _____ Year _____</p>
