



The NEWSCASTER

The Official Publication of the Winnipeg Amateur Radio Club
<http://www.WinnipegARC.org>

March 2019

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VE4BB

High Altitude Balloon Program

By Rob VE4SHS

Date: Tuesday, March 12, 2019

Time: 7:30 PM **New Weekday & Location**

Place: Royal Canadian Legion Branch 252
426 Osborne Street, Winnipeg, MB
(Across from the Winnipeg Transit garage)

Other Important Dates:

Newscaster: Deadline March 28, 2019

WARC: Monthly Meeting Dates **2nd Tuesdays**
April 9, 2019 - "Home Brew - Show & Tell"
May 19, 2019 - TBA
June 11, 2019 - TBA & Elections
September 10, 2019 - Welcome Back
October 8, 2019 - AGM

ARES: Tuesday, March 19, 2018
Sir Wm Stephenson Library
765 Keewatin Street -
Guest speaker is TBA

Other: The WARC 2019 Centennial
Conference and Hamfest
Sunday, June 2, 2019
<http://WARC100.ca>

Marathon Briefing - June 11, 2019
Manitoba Marathon - June 16, 2019

Field Day - June 22 to June 22, 2019

WARC Executive for 2018-2019...

President	Colin Mantay	ve4cem@rac.ca
Vice-Pres.	John Romanec	ve4vjr@gmail.com
Treasurer	David Latour	ve4dla@gmail.com
Secretary	Gerry Sherman	ve4gks@outlook.com
Membership	Jessy Blanchette	ve4jbb@gmail.com
Programs	Roberto Urrea	va4.rul@gmail.com
Education	Roberto Urrea	va4.rul@gmail.com
Past President	Peter Toth	ve4tth@gmail.com
Public Information Officer....	Vacant	

Message From The President,

Almost there! Hopefully there's only a few more weeks left before the snow and ice depart and we can all start climbing onto our roofs and towers, knock the winter out of our antenna systems and be ready for another year on the air! I'm willing to bet there will be also be few new antenna systems popping up around the city sooner than later!

Basic Short Course 17 is already underway and once again I'm looking forward to instructing a few of the chapters to all the future operators! I'm sure I'll have plenty of good news to report from BSC17 in next month's issue.

Of all the times I've had an opportunity to instruct the courses, the most common reason for getting certified is high school teachers and students wanting to participate in the High Altitude Balloon Projects. Rob Streimer (VE4SHS) will be presenting at March's general meeting telling us all about the HAB project.

With the information Rob presents, I'm hoping we can come up with a few related activities that will encourage the teachers and students to come out and make good use of their operators certificates.

An idea has been floating around for a while (pun intended) of using the same type of helium balloon to replace a tower in raising an 80M / 160M vertical dipole off the ground. Perhaps some of the HAB project participants can lend their expertise to help us get this idea off the ground? (Alright, I'm done with the puns.)

If you haven't already heard from Garth (VE4GWB), a Worked All Winnipeg QSO party will be happening from March 8th through March 17th! I missed out of the fun last year, but I would like to get my Worked All Winnipeg Award! If you haven't already received yours, join us in the fun!

Worked All Winnipeg is any band and any mode, as long as it's simplex! After the success of the J-pole antennas at Winter Field Day, I'll certainly be tuned to 146.520 / 446.000 with my HT.

Continued...

Our Vision

To increase public awareness and respect for Amateur radio; to provide education and support in all aspects of the hobby to our members in a social atmosphere

²
There's also been some interest within the club to test out propagation on 6M / 10M / 15M within the city so don't forget to try 50.125MHz (SSB), 52.525MHz (FM), 28.400MHz (SSB), 29.600MHz (FM) and 21.300MHz (SSB).

Home brew night is coming up sooner than later, so if you've been putting off a unique project, here's the perfect excuse to get it ready to show off to the club!

Looking forward to many local QSOs in the next few weeks!

Sincerely,

Colin Mantay, VE4CEM
President

WARC Meeting Minutes **February 12, 2019** **Taken by Gerry VE4GKS**

Meeting called to order 01:34 - Introductions as usual

The evening presentation was via Skype - the RAC president.

50/50 draw \$12.00 to VE4DJS

January minutes accepted as recorded.

VE4HK gave a talk on the Worked All Winnipeg & then presented one to VE4VJR.

A quick report on the Winter Field Day.

A discussion on the Centennial Program
We have the special call sign.

March meeting - Rob Streimer on the school high altitude balloon project.

April meeting - home brew night.

Treasurer's report - trailer antenna under construction. Working capital \$7,117.

Education - 15 students paid up.

No DX report. Expeditions active - Brunei & Nepal.

ARES - need amateurs for Klondyke Days.

Meeting adjourned 03.09

Amateur Radios, Antennas, and more ...

Winnipeg ICOM Dealer...

Micro-HighTech Communications Ltd.

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2217 Henderson Hwy, East St. Paul, MB
(Just south of perimeter hwy)

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Contact George Hill, VE4GDH

<http://www.microhightech.ca/>

Celebrate WARC's 100th

**WARC 2019 Centennial Conference
and Hamfest - Sunday, June 2, 2019**

**Dakota Community Centre,
1188 Dakota St., Winnipeg, MB**

**50 table flea market, commercial vendors, speakers,
and more in planning stages!**

All the things your heart desires.

Basic and Advanced exams.

Doors open for coffee at 0830 - Vendor setup at 0900

Open to the public 1000-1400

Speakers planned for 1000-1200 and 1200-1400

Exams at 1000-1200 only

Ham vendor tables are \$20 (Includes 1 admission).

Admission is \$15 at the door (\$10 for Pre-Registration)

Children 12 and under plus 18 and under with

Student ID are FREE admission !

Commercial Vendor Tables \$50

You can Pre-register via PayPal at WARC100.ca

Contact Cary VE4EA carys1@gmail.com

CQ Winnipeg Simplex

By Garth VE4GWB

From March 8th to March 17th, set your VFO's to 146.520 for another Worked All Winnipeg QSO party. Let's see what our rigs can do without a repeater. From your home QTH on a base antenna, mobile or a portable with a 17" rubber duck try and log 25 (or more) contacts within the city of Winnipeg.

You are not limited to 2 meters. Any contact made direct between two stations without a repeater counts. Any band, mode, even D-STAR, DMR & Fusion. Make contact with fellow digital voice enthusiasts on analog and then QSY to another frequency to try digital. For D-STAR set your radio to 145.670 or 446.100 in DV mode and UR field to CQCQCQ. For DMR, program your radio with 446.500, color code 1, time slot 1. For Fusion try 145.690 or 446.125

No QSL cards needed. A copy of your log book with two other Hams who have checked your log and mail (unless you run into VE4HK at coffee) it with \$2.00 to cover the cost of the certificate and postage to:

"WORKED ALL WINNIPEG AWARD"

Custodian, Dick Maguire VE4HK
c/o Winnipeg Senior Citizens Radio Club Inc.
598 St. Marys Road
Winnipeg, MB
R2M 3L5

Good Luck In The Contest

Complete rules can be found at:

[http://
www.winnipegarc.org/
awards.html](http://www.winnipegarc.org/awards.html)



**John VE4VJR (Lt)
Receiving the
Worked All Winnipeg
Award
From Dick VE4HK (Rt)**

Spotlight On: Brian Bater VE4BDB **By David VE4DAR**

What got you interested in Amateur Radio? "When my son Jared was 12, he got interested in Amateur Radio, studied and passed the Basic Exam with Rick Lord. For a while he was the youngest ham in Canada. I got involved while driving Jared, so I took one of Rick's classes and got my ticket in 1991."



"While taking Rick's class, I had several Elmers including Dick VE4HK."

Build or buy equipment? "We bought a used VHF/UHF station and built our own antenna. We bought new HT's."

Any contacts or moments that stick out in memory? "On simplex, during a half-day atmospheric aberration, I talked with a ham in Alabama using a 2m J-pole. My first contact was Ron Norton VE4II, whom I knew from work at the U. of Winnipeg."

What have you gotten out of ham radio? "A lot of really good education and friendships. A lot of contentment and joy seeing Jared's involvement, especially when he was a teenager."

Particular interests in our hobby? "Everything except digital modes. I loved old tube receivers. At one point I had 137 that worked!"

Public Service? "Manitoba Marathons; air shows, dog sled races. Now as a Duty Officer at the Seniors Club."

Advice for New Hams? "Get on the radio. Operate and learn."

Future of Amateur Radio? "Amateur radio will always be here. Some day a burst of EMI will wipe out other communications, but amateur radio will still be here."

3 Thanks, Brian.

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"WARC"
members**

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a 15% discount on any size qty of QSL cards.
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Winnipeg ARES
Jeff Dovyak VE4MBQ
ve4mbq@rac.ca

Our scheduled guest speaker had a scheduling conflict and did not attend the FEB General Meeting. Our next General Meeting is TUE 19 MAR 1900h at Sir William Stephenson Library 765 Keewatin Street. There will also likely be a special presentation at the MAR General Meeting. Guest speaker is not confirmed at press time.

Our 2019 Spotter Training session is 1000h SAT 23 MAR in Carman at the Fire Hall. A self-paid group lunch is being organized after spotter training at a nearby café (\$15-20 per person). I need to know by WED 13 MAR who is planning to attend (seating is limited and we may change venues based on number of attendees) and if they are staying for lunch, please send me an email to register.

The Carman Fire Department is located at 197 Main Street South on the East side of the street. People coming from Wpg on Hwy 3 turn South at the traffic lights in Carman. Fire Hall is approx 100 yards South of that intersection. Talk-in in 146.52 may be available, this is not a check-in/ragchew freq, just if you need terminal directions.

Manitoba Marathon
Jeff Dovyak VE4MBQ
ve4mbq@rac.ca

The 2019 Manitoba Marathon will be SUN 16 JUNE. New Amateur operators will be paired up with Amateurs experienced with the event.

We still need sixty-five (65) volunteer operators. Register thru the WARC web-site...

http://winnipegarc.org/marathon_volunteer_form.html

The 2019 Amateur Radio Group Volunteer Briefing is TUE 11 JUNE 1900h Crescentwood CC 1170 Corydon Avenue (Map 24 D2 in the Sherlock Map Book). Notes from the 2018 ARES operation are posted on Wpg ARES and WARC web-sites:

<http://www.winnipegares.ca/>

<http://www.winnipegarc.org/>

Great Start for Basic Short Course 17 ***By David VE4DAR***

What a fine looking group! That's the Basic Short Course 17 class on their first day of lessons at the Winnipeg Senior Citizens Radio Club. WARC'S Chief Instructor Roberto VA4RUL and WSCRC'S President Derek VE4HAY welcomed students as they began lessons with instructors Adrian VA4AMD and Rob VE4SHS.

Among the 20 students are out-of-towners Vern (Roland) and Dave (Balmoral). Barb VE4BRR brought in her children, Marina 13 and Donavin 9, from Komarno. Daughter Rebecca 13 got her ticket recently.



Lessons began February 23 and will continue four Saturdays until the final exam on March 23. We look forward to hearing BSC 17's graduates on air soon. 73.

Mystery Social Event Succeeds ***By David VE4DAR***

The Mystery Social Event was proposed to the Board of the Winnipeg Senior Citizens Radio Club last December with this goal: "Get people up to the club to have a look around and see what's available. Primarily a social event; lunch and fun activities." After the Board approved our proposal, Roger VE4RLF and I began planning the event for Wednesday, February 27 for 1030 – 1330 hours.



Promotion was done through an email from WSCRC President Derek VE4HAY, and announcements on the Morning Net and the MRS Nets by me. Roger prepared a ham radio crossword puzzle, a test on Ham Radio Regulations, and video clips for showing. Rolf

VE4VZ built a QLF key and sounder for the Quick Left Foot CW contest. I began wrapping more than 40 "door prizes" from my infamous basement.

Set up and clean up were done by Brian VE4BDB, Ed VE4OAK, and Lawrence VE4SS.

Derek VE4HAY, Tom VE4HQ, and Gary VE4RWT greeted visitors and showed them around. John VE4JON brought two homebrew antennas for people to see.



The "mystery" of how many folks would attend was solved. Long-time hams such as Rick Lord, Dave Place, Tom and Ruth Mills were there. Two students from the current Basic Short Course attended. Several slow-moving folks using canes made it. Together they blew the myth of blaming poor attendance on "the stairs" out of the water!

30 hams and guests had a good time viewing the facility, renewing friendships, and meeting new folks as evidenced by many "thank you's," and positive comments on the Morning Net the following day.



As a follow-up, I've sent this recommendation to the Seniors Board to consider:

Based on the success (30 participants and their many positive comments) of the Mystery Social Event on February 27, 2019, at the WSC Clubrooms, I hereby recommend that the Board sponsor a similar Social Event (lunch and activities) once a month for the next 3 months (March, April, May).

As before, the goal is to increase the usage of the Club's premises. By giving members and guests an opportunity to socialize over lunch, relationships are formed and strengthened.

"A club is more than a list of members." — Rosner.



Contest Calendar

Extracted From

<http://www.hornucopia.com/contestcal/>

March 2019

ARS Spartan Sprint 0200Z-0400Z, Mar 5
 AGCW YL-CW Party 1900Z-2100Z, Mar 5
 QRP Fox Hunt 0200Z-0330Z, Mar 6
 Phone Fray 0230Z-0300Z, Mar 6
 CWops Mini-CWT Test 1300Z-1400Z, Mar 6
 and 1900Z-2000Z, Mar 6
 and 0300Z-0400Z, Mar 7
 2000Z-2100Z, Mar 6
 UKEICC 80m Contest 1800Z-1900Z, Mar 7 (CW)
 NRAU 10m Activity Contest and 1900Z-2000Z, Mar 7 (SSB)
 and 2000Z-2100Z, Mar 7 (FM)
 and 2100Z-2200Z, Mar 7 (Dig)
 SKCC Sprint Europe 2000Z-2200Z, Mar 7
 NCCC RTTY Sprint 0145Z-0215Z, Mar 8
 QRP Fox Hunt 0200Z-0330Z, Mar 8
 NCCC Sprint 0230Z-0300Z, Mar 8
 YB DX RTTY Contest 0000Z-2359Z, Mar 9
 RSGB Commonwealth Contest 1000Z, Mar 9 to 1000Z, Mar 10
 SARL VHF/UHF Analogue Contest 1000Z, Mar 9 to 1000Z, Mar 10
 South America 10 Meter Contest 1200Z, Mar 9 to 1200Z, Mar 10
 F9AA Cup, SSB 1200Z, Mar 9 to 1200Z, Mar 10
 SKCC Weekend Sprintathon 1200Z, Mar 9 to 2400Z, Mar 10
 AGCW QRP Contest 1400Z-2000Z, Mar 9
 Oklahoma QSO Party 1500Z, Mar 9 to 0200Z, Mar 10
 and 1400Z-2100Z, Mar 10
 Stew Perry Topband Challenge 1500Z, Mar 9 to 1500Z, Mar 10
 EA PSK63 Contest 1600Z, Mar 9 to 1600Z, Mar 10
 TESLA Memorial HF CW Contest 1800Z, Mar 9 to 0559Z, Mar 10
 QCWA QSO Party 1800Z, Mar 9 to 1800Z, Mar 10
 Idaho QSO Party 1900Z, Mar 9 to 1900Z, Mar 10
 QRP ARCI Spring Thaw SSB Shootout 2200Z-2300Z, Mar 9
 North American Sprint, RTTY 0000Z-0400Z, Mar 10
 UBA Spring Contest, 2m 0700Z-1100Z, Mar 10
 WAB 3.5 MHz Phone/CW 1800Z-2200Z, Mar 10
 Wisconsin QSO Party 1800Z, Mar 10 to 0100Z, Mar 11
 4 States QRP Group Second Sunday Sprint 0000Z-0200Z, Mar 11
 QRP Fox Hunt 0100Z-0230Z, Mar 13
 Phone Fray 0230Z-0300Z, Mar 13
 CWops Mini-CWT Test 1300Z-1400Z, Mar 13
 and 1900Z-2000Z, Mar 13
 and 0300Z-0400Z, Mar 14
 RSGB 80m Club Championship, CW 2000Z-2130Z, Mar 13
 AWA John Rollins Memorial DX Contest 2300Z, Mar 13
 to 2300Z, Mar 14
 and 2300Z, Mar 16 to 2300Z, Mar 17
 QRP Fox Hunt 0100Z-0230Z, Mar 15
 NCCC RTTY Sprint 0145Z-0215Z, Mar 15
 NCCC Sprint 0230Z-0300Z, Mar 15
 BARTG HF RTTY Contest 0200Z, Mar 16 to 0200Z, Mar 18
 Russian DX Contest 1200Z, Mar 16 to 1200Z, Mar 17
 Virginia QSO Party 1400Z, Mar 16 to 0400Z, Mar 17
 and 1200Z-2400Z, Mar 17
 Louisiana QSO Party 1400Z, Mar 16 to 0200Z, Mar 17
 AGCW VHF/UHF Contest 1400Z-1700Z, Mar 16 (144)
 and 1700Z-1800Z, Mar 16 (432)
 Feld Hell Sprint 2000Z-2159Z, Mar 16

UBA Spring Contest, SSB 0700Z-1100Z, Mar 17
 Run for the Bacon QRP Contest 0100Z-0300Z, Mar 18
 Bucharest Contest 1800Z-2059Z, Mar 18
 CLARA Chatter Party 1700Z, Mar 19 to 1700Z, Mar 20
 and 1700Z, Mar 23 to 1700Z, Mar 24
 QRP Fox Hunt 0100Z-0230Z, Mar 20
 Phone Fray 0230Z-0300Z, Mar 20
 CWops Mini-CWT Test 1300Z-1400Z, Mar 20
 and 1900Z-2000Z, Mar 20
 and 0300Z-0400Z, Mar 21
 0030Z-0230Z, Mar 21
 NAQCC CW Sprint 0100Z-0230Z, Mar 22
 QRP Fox Hunt 0145Z-0215Z, Mar 22
 NCCC RTTY Sprint 0230Z-0300Z, Mar 22
 NCCC Sprint 0000Z-2359Z, Mar 23
 FOC QSO Party 1200Z, Mar 23 to 1200Z, Mar 24
 UK/EI DX Contest, CW 0000Z-0400Z, Mar 24
 North American SSB Sprint Contest 0600Z-1000Z, Mar 24
 UBA Spring Contest, 6m 0000Z-0200Z, Mar 27
 SKCC Sprint 0100Z-0230Z, Mar 27
 QRP Fox Hunt 0230Z-0300Z, Mar 27
 Phone Fray 1300Z-1400Z, Mar 27
 CWops Mini-CWT Test and 1900Z-2000Z, Mar 27
 and 0300Z-0400Z, Mar 28
 2000Z-2100Z, Mar 27
 UKEICC 80m Contest 2000Z-2130Z, Mar 28
 RSGB 80m Club Championship, SSB 0100Z-0230Z, Mar 29
 QRP Fox Hunt 0145Z-0215Z, Mar 29
 NCCC RTTY Sprint 0230Z-0300Z, Mar 29
 NCCC Sprint 0000Z, Mar 30 to 2359Z, Mar 31
 CQ WW WPX Contest, SSB 0000Z-2359Z, Mar 30
 Feld Hell Sprint

Into April 2019

IQRP Quarterly Marathon 0800Z, Apr 1 to 2000Z, Apr 7
 RSGB 80m Club Championship, CW 1900Z-2030Z, Apr 1
 ARS Spartan Sprint 0100Z-0300Z, Apr 2
 QRP Fox Hunt 0100Z-0230Z, Apr 3
 Phone Fray 0230Z-0300Z, Apr 3
 CWops Mini-CWT Test 1300Z-1400Z, Apr 3
 and 1900Z-2000Z, Apr 3
 and 0300Z-0400Z, Apr 4
 2000Z-2100Z, Apr 3
 UKEICC 80m Contest 1700Z-1800Z, Apr 4 (CW)
 NRAU 10m Activity Contest and 1800Z-1900Z, Apr 4 (SSB)
 and 1900Z-2000Z, Apr 4 (FM)
 and 2000Z-2100Z, Apr 4 (Dig)
 1700Z-2000Z, Apr 4
 SARL 80m QSO Party 1900Z-2100Z, Apr 4
 SKCC Sprint Europe 0100Z-0230Z, Apr 5
 QRP Fox Hunt 0145Z-0215Z, Apr 5
 NCCC RTTY Sprint 0230Z-0300Z, Apr 5
 NCCC Sprint 0400Z-0800Z, Apr 6
 LZ Open 40m Sprint Contest
 SARL VHF/UHF Digital Contest 1000Z, Apr 6 to 1000Z, Apr 7
 PODXS 070 Club PSK 31 Flavours Contest 1000Z, Apr 6 to 0400Z, Apr 7
 Missouri QSO Party 1400Z, Apr 6 to 0400Z, Apr 7
 and 1400Z-2000Z, Apr 7
 Florida State Parks on the Air 1400Z-2200Z, Apr 6
 and 1400Z-2200Z, Apr 7
 Mississippi QSO Party 1400Z, Apr 6 to 0200Z, Apr 7
 SP DX Contest 1500Z, Apr 6 to 1500Z, Apr 7
 EA RTTY Contest 1600Z, Apr 6 to 1600Z, Apr 7
 RSGB RoLo SSB 1900Z-2030Z, Apr 7
 144 MHz Spring Sprint 1900 local - 2300 local, Apr 8

Good Luck In The Contest

FRS & GMRS - Difference in Canada & the USA

Submitted by Derek VE4HAY

As many Amateur Radio operators know there is a radio service called the Family Radio Service (FRS) and another radio service called the General Mobile Radio Service (GMRS). Both of these services are available in Canada and the USA. However, as September 28th, 2017 there are some substantial differences in these services in the two countries.

There are four main differences between the countries.

- Output power level,
- Channel assignments to frequency
- Emission types
- Bandwidth.

As a result you can not use a USA model radio in

Canada. Emission types and bandwidth difference can be found at the following web sites.

USA - http://wiki.radioreference.com/index.php/FRS/GMRS_combined_channel_chart#2017_FRS.2FGMRS_Channels

Canada - <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01320.html#aE>

Channel assignment to Frequency and power levels are easily shown in the chart below.

As Amateur Radio operators, you should know that you can not use your Amateur Radio in any other service other than amateur radio as it is not type approved. This is even if it is capable of transmitting on frequencies out of the amateur radio bands, such as the FRS & GMRS services. So your various flavours of Chinese radios as well as the big three that are capable of out of band transmissions, should not be used in the FRS or GMRS services.

Family Radio Service					General Mobile Radio Service									
Canada		USA			Canada		USA							
Power level	Channel Simplex	Carrier Frequency (MHz)	Channel Simplex	Power level	Power level	GMRS Channel Simplex	GMRS-M Channel Simplex	Carrier Frequency (MHz)	GMRS Channel simplex only	GMRS Channel Simplex & RPT input	GMRS Channel RPT output	Power level		
		462.5500	15	2W	2W	1	1	462.5500		15		50W		
0.5W	1	462.5625	1	2W	2W	2		462.5625	1			5W		
		462.5750	16	2W	2W	3		462.5750		16		50W		
0.5W	2	462.5875	2	2W	2W	4		462.5875	2			5W		
		462.6000	17	2W	2W	5		462.6000		17		50W		
0.5W	3	462.6125	3	2W	2W	6	2	462.6125	3			5W		
		462.6250	18	2W	2W	7		462.6250		18		50W		
0.5W	4	462.6375	4	2W	2W	8	3	462.6375	4			5W		
		462.6500	19	2W	2W	9		462.6500		19		50W		
0.5W	5	462.6625	5	2W	2W	10	4	462.6625	5			5W		
		462.6750	20	2W	2W	11		462.6750		20		50W		
0.5W	6	462.6875	6	2W	2W	12	5	462.6875	6			5W		
		462.7000	21	2W	2W	13		462.7000		21		50W		
0.5W	7	462.7125	7	2W	2W	14		462.7125	7			5W		
		462.7250	22	2W	2W	15		462.7250		22		50W		
								467.5500			15			
0.5W	8	467.5625	8	0.5W				467.5625	8			0.5W		
								467.5750			16			
0.5W	9	467.5875	9	0.5W				467.5875	9			0.5W		
								467.6000			17			
0.5W	10	467.6125	10	0.5W				467.6125	10			0.5W		
								467.6250			18			
0.5W	11	467.6375	11	0.5W				467.6375	11			0.5W		
								467.6500			19			
0.5W	12	467.6625	12	0.5W				467.6625	12			0.5W		
								467.6750			20			
0.5W	13	467.6875	13	0.5W				467.6875	13			0.5W		
								467.7000			21			
0.5W	14	467.7125	14	0.5W				467.7125	14			0.5W		
								467.7250			22			

Manitoba Repeater Society

The Manitoba Repeater Society operates and maintains a linked repeater system across southern Manitoba, including Winnipeg.

If you are a user of any of these repeaters, we urge you to support the group by becoming a member.

VE4MAN - Starbuck, VE4CDN - Morris,
VE4PLP - Portage, VE4MRS - Bruxelles,
VE4GIM - Gimli, VE4MIL - Milner Ridge
VE4EMB - Hadashville, VE4FAL - Falcon Lake,
VE4WPG - Winnipeg, VE4VJ - Winnipeg, VE4WRS
- Autopatch & IRLP link Winnipeg

Links to repeaters in Ontario, Brandon, Selkirk and soon to be the Dauphin & area.

info@mb-repeater-society.ca
<http://www.mb-repeater-society.ca/>
<http://www.facebook.com/ManitobaRepeaterSociety>
MRS Memberships Expired on December 31

The Manitoba Repeater Society Inc. Annual General Meeting

The Manitoba Repeater Society Inc. Annual General Meeting is scheduled for Tuesday, April 23, beginning at 7:00 pm. It will be held at Norberry Glenlee Community Centre, which is at 26 Molgat Ave., right behind the Autopac building on St. Marys Road. Overflow parking is available on the Louis Riel School Division parking lot, immediately north of the community centre.

All members, guests and interested amateurs are invited to attend.

The meeting will feature reports from the Membership Chair, Treasurer, and Technical Chair. The Treasurer will present a statement of income and expenses for the past year, along with an audited statement, and a proposed budget for the upcoming year.

The Technical Chair will report on progress made on our repeaters over the last year, along with what we expect to achieve in 2019-2020.

Members are welcome to ask questions of the executive.

The meeting will conclude with election of officers. Are you interested in running for the executive? Do you know someone who would make a good candidate? If your answer is yes, please contact any member of the

VHF Nets

**MRS Nets - 147.390 Mhz +
Sundays & Thursdays at 9:00 pm**

This net covers Winnipeg and the MRS linked repeater system, and includes various announcements on amateur radio activities and Dick's "Swap & Shop"

**The Morning Net 147.390 Mhz+
Weekdays at 9:00 am**

This net covers Winnipeg and hams of all ages are welcome to join in this net which is always a lot of fun!

D-Star Nets on the VE4WDR System using

**UHF 444.575+ DV Port B and/or
VHF 145.490- DV Port C**

TransCanada D-Star Net - Fridays at 8:00 pm
On "Free Star" Reflector 21 (XRF021BO)

HamNation D-Star Net - Wednesday at 9:15pm
On "DPlus" Reflector 14 (REF014CL)

Ozark Mtn. D-Star Net - Sundays at 8:00 pm
On "DPlus" Reflector 1 (REF001CL)
More nets <http://www.dstarinfo.com/nets.aspx>

HF Nets

MB Evening Phone Net - 3747 Khz
Daily at 7:00 PM Local Time (CT)

Prairie Traffic Net (CW) 3660 Khz
Daily at 01:30 UTC

Aurora Net (Afternoon) 7055 Khz

Daily at 23:30 UTC

Aurora # 2 Net (Evening) 7055 Khz

Daily at 02:30 UTC

MB Wx Net 3743 Khz

Daily at 8:30 Local Time (CT)

executive, to have your name added.

Manitoba Repeater Society is still looking for qualified technicians with radio experience, to service our repeaters.

Dick Maguire VE4HK

The Newscaster is the Official Publication of **Winnipeg Amateur Radio Club**
Please send your submissions/comments to the editor Mark VE4MAB, - ve4mab@outlook.com