



# The **NEWSCASTER**

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

February 2018

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VE4BB

## **TBA**

Date: Monday, February 5, 2018 (**One Week Early**)  
Time: 7:30 PM  
Place: Dakota Collegiate - Theatre *See You There*  
661 Dakota Street (At Beliveau Road)

### *Other Important Dates:*

News caster: Deadline February 28, 2018

WARC: Monthly Meeting Dates  
March 12, 2018  
April 9, 2018

ARES: Tuesday, February 20, 2018  
Sir Wm Stephenson Library  
765 Keewatin Street - Presentation on  
Klondike Derby

Other: Spring Flea Market  
Sunday, April 15, 2018

Manitoba Marathon  
Sunday, June 17, 2018

### **WARC Executive for 2017-2018...**

President	Peter Toth	ve4th@gmail.com
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	David Latour	ve4dla@gmail.com
Public Information Officer....		
	Kurt Sargent	kurtsargent@gmail.com

### **WARC is looking for "Elmers"**

Due to the success of our Basic Short Courses WARC is looking for volunteers to be Elmers to these new students.

What we are looking for is:

Be Elmer just for a couple of hours ....

- Any one with some experience in radio just to give a demo , talk or show "How to use the radio properly", etc.

- Be willing to pass on any experience, technical and/or Electronics, etc.

-Be willing to receive emails from previous BSC students when they have questions and don't know what to do !!!

That it will give the last push to new graduate students so they can feel more confident.

If you can be an Elmer please pass on your Call Sign, First Name, Last Name, Home Phone Number, Expertise to Roberto via e-mail at [va4.rul@gmail.com](mailto:va4.rul@gmail.com)

73

Roberto VA4RUL  
Chief Instructor

### **Notice**

**Due to a scheduling conflict WARC's  
February General Meeting  
will be held one week early on**

**Monday, February 5, 2018**

### **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*

<sup>2</sup>  
**WARC Meeting Minutes**  
**January 8, 2018**  
**Taken By Gerry VE4GKS**

Meeting called to order 19:32

Introductions as usual

Membership— 82 members

Spring basic course is filling in, starts February 24.

Winter Field Day is a go.

50/50 \$23.50 to VE4HK.

\$6290 to spend, plus our self-insurance.

Moved and approved that we donate \$300.00/year to WSCRC for the space they are providing.

VE4SN reports DX is improving, especially 20 meters CW, some from Europe.

VE4HK presented Worked All Winnipeg certificates to VE4KGGK and VE4AI.

Following a short break the program was on IT security.

**Spotlight on Norm Hauk VE4CS**  
**By David VE4DAR**

Reminder: These interviews with hams licensed more than 20 years are not biographies. They are random profiles intended to illustrate who has been involved in the development of our amateur radio community.



Luckily I caught Norm Hauk VE4CS at the Arches one Sunday when he wasn't driving a big rig somewhere. First licensed in 1966 as VE4HT, he also became

VE8CS, VY1CS, and now VE4CS as he moved around.

What got you interested in amateur radio? "I was already into radio. I got my commercial radio operators license from a two-year course at Radio College of Canada in Toronto. That qualified me for the Advanced amateur radio certificate."

Build or buy? "I bought a used Hallicrafters receiver and a Collins transmitter from the Cam Guard Electronics store. I built a straight dipole antenna."

Memorable moments? "I made a slow scan TV contact with Japan in the 90's. It was a hard one to get."

What have you got out of our hobby? "I've met good friends such as Ed VE4ON and others over the years. There's the thrill of talking with someone far away. I operated out of the Northwest Territories and the Yukon while with Northwest Tel."

Particular interest? "Not really. I enjoyed it all. Up North it was basically HF.

Public Service? "While driving my vehicle, I came across a bad accident. I called it in through the Brandon repeater and notified the police and ambulance." (David's add-on: Norm served with Sigs at Minto Armouries.)

Advice for new hams? "Just get on the radio and make contacts as often as you can."

Future of amateur radio? "It will continue with more people joining. People are getting bored with the Internet." Thanks for this, Norm.

**Manitoba Marathon**  
**Jeff Dovyak VE4MBQ**  
[ve4mbq@rac.ca](mailto:ve4mbq@rac.ca)

The 2018 Manitoba Marathon will be SUN 17 JUNE – this will be the 40th Anniversary!

Volunteer Registration went live in early December, although we have had some registrations, we still need approximately seventy (70) Amateur operators.

We always pair a new Amateur up with someone who has done the Marathon at least once so new Amateurs should not be hesitant to get involved.

On-line registrations can be done thru:

[http://winnipegarc.org/marathon\\_volunteer\\_form.html](http://winnipegarc.org/marathon_volunteer_form.html)

***What have you done to "promote  
amateur radio this week"***

That line we credit to an old News stalwart, Peter Parker with using in his old VK1 and VK3 casts many years ago and it still stands true -WIA

## Conversational Code ... or .... How I Learned to Stop Talking, and Start Tapping

We are now three weeks into WARC's first CW course, and results are encouraging to this instructor.

By the first week of January, we had 11 registrants for the course, mostly on word-of-mouth advertising. On Day 1, seven keen people arrived at the Winnipeg Seniors Club to start their transition into Code Warriors. These seven are still with us 3 weeks later. We've had the usual challenges of illness, employment, equipment breakdown and tardiness, but it has not dampened the enthusiasm at all.

WARC's course is run on the basis of Koch's 1930s paper on how telegraphers learn. We are challenging our students to learn as pros have learned in the past, when telegraphy was the digital communication tool. Characters are presented by computer apps at a consistent and perfect 20 words-per-minute, and spaced at an effective 12 wpm as recommended by Farnsworth. The students will tell you they are drinking from several firehoses (appropriately enough) but they are learning. As of last night they have 20 of 41 characters rattling about in their heads, as planned.

Also last night, we started sending practice, a week later than originally planned. As hoped, all realized that sending will speed up their learning as we continue. There is a new, higher level of keenitude in the room. Sending is being taught using Bencher-style paddles and electronic keyers, so that with small effort well-formed code is produced that sounds like that they've been listening to for weeks. This reinforces what they've been learning. While paddles have a learning curve, it is not as steep as that for a straight key.

With five weeks to go, I'm looking forward to great progress and eventual success for this group, not least because I am also learning alongside of them!

CWT1 Instructor and Student  
David Latour VE4DLA

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

**Winnipeg ARES**  
**Jeff Dovyak VE4MBQ**  
[ve4mbq@rac.ca](mailto:ve4mbq@rac.ca)

Richard Kazuk VE4KAZ is still recruiting volunteer operators for Scouts Canada Klondike Derby SAT & SUN 03, 04 MAR at Camp Amisk. Duty time is approximately 0830-1630h both days.

To register please email Richard VE4KAZ, [ve4kaz@rac.ca](mailto:ve4kaz@rac.ca) Subject Line: 2018 Klondike Derby, include full name and call-sign in your e-mail and indicate whether you are registering for both days or just SAT or just SUN. This is an all-weather event.

CANWARN Spotter Training will be in Winnipeg this year, SAT 24 MAR, location to be determined. If interested, please contact VE4MBQ.

On-line registration for the Manitoba Marathon is open on the WARC web-site, please see the separate Manitoba Marathon article.

Our next General Meeting will be TUE 20 FEB 1900h at Sir Wm Stephenson Library 765 Keewatin Street. The writer, Glen VE4GWN and Fred VE4TRO are scheduled to give a presentation on Klondike Derby.



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](mailto:info@mb-repeater-society.ca)  
<http://www.mb-repeater-society.ca/>  
<http://www.facebook.com/ManitobaRepeaterSociety>

**MRS Memberships Expired December 31**  
**You Can Renew Today On-Line**

## ***RAC Annual General Meeting: A part of RAC's 25th Anniversary Celebration***

The Radio Amateurs of Canada is pleased to hold its Annual General Meeting (AGM) in Red Deer, Alberta as part of the year-long celebration of RAC's 25th Anniversary Celebration.

The AGM event will be hosted by the Central Alberta Amateur Radio Club (<http://www.caarc.ca/>) and will be held in conjunction with the 2018 Annual Red Deer Picnic and Hamfest which is being held at the same location.

All RAC members are encouraged to attend the Annual General Meeting.

Date: Saturday, June 16.

Time: 1 pm (Mountain Daylight Time)

Place: The Annual General Meeting will be held at the Shady Nook Community Hall, Township Road 380, in Red Deer, Alberta.

Agenda items will include:

- 1) Report of the President
- 2) Review of the 2017 finances
- 3) Appointment of auditors for 2018

A Question and Answer period will follow the AGM proceedings.

This is your opportunity to hear what your representatives have been doing over the past year, to raise questions, and to make suggestions about how RAC is managed and where it is going in the future.

All RAC members are encouraged to attend the Annual General Meeting. If you cannot attend the meeting in person there will also be a Webinar which RAC members can attend remotely. Additional information about the Webinar will be included on the RAC website as soon as it is available.

For more information about the 2018 Annual Red Deer Picnic and Hamfest please see the information below and visit their website at <http://www.caarc.ca/>.

### **48th Annual Red Deer Picnic and Hamfest**

The Central Alberta Amateur Radio Club (CAARC) is pleased to host the RAC Annual General Meeting as part of its 48th Annual Picnic and Hamfest.

Date: Friday, June 15 to Sunday, June 17.

Place: The Hamfest will be held at the Shady Nook Community Hall, Township Road 380, in Red Deer.

Time: The Hamfest will be open to the public from 2 pm (Mountain Daylight Time) on Friday until noon on Sunday. Registration starts at 12 noon on Friday, June 15 and at 8 am on Saturday, June 16. The Annual General Meeting of Radio Amateurs of Canada will be held at 1 pm on Saturday, June 16.

Description: The 48th Annual Red Deer Amateur Radio Picnic and Hamfest will feature ARES Annual meeting, displays, vendors, tailgate fleamarket, pig roast Saturday night, pancake breakfast Sunday morning, draws and door prizes.

Talkin: 147.150, 146.520

For more information please visit <http://www.caarc.ca> or contact Garry, VE6CIA, at [ve6cia@rac.ca](mailto:ve6cia@rac.ca).

Stay tuned to the RAC website and the pages of The Canadian Amateur magazine for more information on RAC's 25th Anniversary Celebrations and the upcoming Annual General Meeting.

<http://wp.rac.ca/rac-annual-general-meeting-2018/> and <http://wp.rac.ca/agm/>

Alan Griffin  
RAC MarCom Director

***From Your Midwest Director,  
BJ Madsen VE5FX  
Appointment of Peter Toth, VE4TTH***

Radio Amateurs of Canada would like to welcome Peter Toth, VE4TTH, as the Deputy Director for the Midwest Region. RAC Midwest Director, Bj Madsen, VE5FX, appointed Peter as Deputy Director on January 8, 2018.

Peter is very active and he has a varied interest including astronomy, photography, motorcycle racing, scuba diving and, of course, Amateur Radio.

In his DX Watch profile, Peter provides the following bio:

"Born and raised in Canada, I joined the Canadian Armed Forces under a special student summer employment program in 1978. The branch of service I entered was the Canadian Forces Communications Command (CFCC), or more commonly known as the Signals Corps. I enjoyed the experience so much I decided to stay for a while. Over the years I took up several hobbies, the most active hobbies are: Astronomy; Scuba Diving; Back Woods Camping and Backpacking; Photography; and Motorcycle Racing. I am the Past-President of the Royal Astronomical Society of Canada (Winnipeg Chapter), which is the largest amateur astronomy organization in Canada.

Continued...

I was first introduced to Ham Radio when I was just a kid by the father of one of my friends. It was 1973 and he was using CW to communicate with someone overseas. I was impressed. He's still a ham today and is still using CW as his primary means of communications. Having just been certified (November 22, 2011) I've already reached a few milestones, such as my WAS certificate (it took 30 days) and have made contacts with over 100 countries, and final confirmation with QSL cards to get my DXCC came in March 2013. At the end of February 2012, I also became CW certified and in February 2013 I achieved my Advanced rating."

Peter has served as the President of the Winnipeg Amateur Radio Club since September 2016. In his first President's Message in the September 2016 issue of the Winnipeg Amateur Radio Club's newsletter, "The Newscaster", he wrote:

"We are a unique type of people, we Amateur Radio folk. We are the dreamers and shapers, the builders and makers of the technology, that everyone on this planet takes for granted. Behind every single technological innovation and advancement in the past 100 years, there is a ham radio enthusiast either at the forefront, or closely involved. This has been true since the start of our hobby, and interestingly, it continues today. Likewise, we have always been community minded, such that we have organized ourselves to be efficient and useful in the event that disaster strikes. Heck, for fun we even practise how to lend a hand and be at the ready, which some would say calls into question our sanity. But we do that because we can, and we do that silently, in the background, with little fanfare. Without ever asking for anything in return, and that makes us unique, and very rare. That also makes me being President of an organization of such people very special, and clearly a great honour."

Prior to becoming Deputy Director, Peter served as an Assistant Director for the Midwest Region. He is committed to assisting the Director and will continue to promote Radio Amateurs of Canada and advance the Amateur Radio Service.

Bj Madsen, VE5FX  
RAC Midwest Director



## *Worked All Winnipeg Award*

WARC held a Worked All Winnipeg Award QSO party December 9 and 10. I heard a lot of stations exchanging call signs and signal reports on 146.52 simplex over that weekend. So far, only 2 people have given me their completed logs, and received their certificate. I'm wondering what happened to all those other hams?



*Ken VE4KGG receiving his Worked All Winnipeg Award  
From Dick VE4HK.*

*Shaun VE4AI also received the award*

Does anyone need a couple of simplex contacts to finish off their certificate hunt? If the answer is "YES", get on the Morning Net or MRS 2 Meter Net, and ask people to QSY to 146.52 after net. Another opportunity is go for coffee Saturday morning at Timmies, and ask the hams gathered there for a contact.

As for all the HF qualified hams out there, when you are in a QSO with someone "out there", tell them about our beautiful award. All the details to earn the WAWA certificate are on the WARC website.

I look forward to being swamped with WAWA applications.

Dick Maguire VE4HK  
WAWA custodian

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**Discount for  
"WARC"  
members**

They can provide 15% discount on QSL cards.

For example, the current price for an order of 400 QSL cards size: 5" x 3.5", double side, full-colour on 100lb gloss cover is \$81.99.

With your 15% discount, the total would be \$69.69 before tax (please note that prices are subject to change due to paper cost etc.). The discount is on any size and any qty of QSL card.

**Be sure to present your WARC membership  
to receive the discount!**

## Contest Calendar

Extracted From

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

February 2018

ARS Spartan Sprint 0200Z-0400Z, Feb 6  
 QRP Fox Hunt 0200Z-0330Z, Feb 7  
 Phone Fray 0230Z-0300Z, Feb 7  
 CWops Mini-CWT Test 1300Z-1400Z, Feb 7  
 and 1900Z-2000Z, Feb 7  
 and 0300Z-0400Z, Feb 8  
 UKEICC 80m Contest 2000Z-2100Z, Feb 7  
 NCCC RTTY Sprint 0145Z-0215Z, Feb 9  
 QRP Fox Hunt 0200Z-0330Z, Feb 9  
 NCCC Sprint 0230Z-0300Z, Feb 9  
 CQ WW RTTY WPX Contest 0000Z, Feb 10  
 to 2359Z, Feb 11  
 SARL Field Day Contest 1000Z, Feb 10  
 to 1000Z, Feb 11  
 Asia-Pacific Spring Sprint, CW 1100Z-1300Z, Feb 10  
 Dutch PACC Contest 1200Z, Feb 10  
 to 1200Z, Feb 11  
 KCJ Topband Contest 1200Z, Feb 10  
 to 1200Z, Feb 11  
 SKCC Weekend Sprintathon 1200Z, Feb 10  
 to 2400Z, Feb 11  
 OMISS QSO Party 1500Z, Feb 10  
 to 1500Z, Feb 11  
 FISTS Winter Unlimited Sprint 1700Z-2100Z, Feb 10  
 RSGB 1st 1.8 MHz Contest 1900Z-2300Z, Feb 10  
 Balkan HF Contest 1200Z-1800Z, Feb 11  
 4 States QRP Group Second Sunday Sprint  
 0100Z-0300Z, Feb 12  
 CQC Winter QSO Party 0100Z-0259Z, Feb 12  
 ARRL School Club Roundup 1300Z, Feb 12  
 to 2359Z, Feb 16  
 PODXS 070 Club Valentine Sprint  
 0000Z-2359Z, Feb 14  
 NAQCC CW Sprint 0130Z-0330Z, Feb 14  
 QRP Fox Hunt 0200Z-0330Z, Feb 14  
 Phone Fray 0230Z-0300Z, Feb 14  
 CWops Mini-CWT Test 1300Z-1400Z, Feb 14  
 and 1900Z-2000Z, Feb 14  
 and 0300Z-0400Z, Feb 15  
 RSGB 80m Club Championship, Data  
 2000Z-2130Z, Feb 14  
 NCCC RTTY Sprint 0145Z-0215Z, Feb 16  
 QRP Fox Hunt 0200Z-0330Z, Feb 16  
 NCCC Sprint 0230Z-0300Z, Feb 16  
 ARRL Inter. DX Contest, CW 0000Z, Feb 17  
 to 2400Z, Feb 18  
 SARL Youth Day Sprint 0800Z-1000Z, Feb 17  
 Russian PSK WW Contest 1200Z, Feb 17  
 to 1159Z, Feb 18  
 Feld Hell Sprint 1900Z-2059Z, Feb 17  
 AWA Amplitude Modulation QSO Party  
 2300Z, Feb 17  
 to 2300Z, Feb 18  
 Classic Exchange, Phone 1300Z, Feb 18  
 to 0800Z, Feb 19  
 and 1300Z, Feb 20  
 to 0800Z, Feb 21  
 Run for the Bacon QRP Contest 0200Z-0400Z, Feb 19

QRP Fox Hunt 0200Z-0330Z, Feb 21  
 Phone Fray 0230Z-0300Z, Feb 21  
 CWops Mini-CWT Test 1300Z-1400Z, Feb 21  
 and 1900Z-2000Z, Feb 21  
 and 0300Z-0400Z, Feb 22  
 AGCW Semi-Automatic Key Evening  
 1900Z-2030Z, Feb 21  
 RSGB 80m Club Championship, CW  
 2000Z-2130Z, Feb 22  
 NCCC RTTY Sprint 0145Z-0215Z, Feb 23  
 QRP Fox Hunt 0200Z-0330Z, Feb 23  
 NCCC Sprint 0230Z-0300Z, Feb 23  
 CQ 160-Meter Contest, SSB 2200Z, Feb 23  
 to 2200Z, Feb 25  
 REF Contest, SSB 0600Z, Feb 24  
 to 1800Z, Feb 25  
 UBA DX Contest, CW 1300Z, Feb 24  
 to 1300Z, Feb 25  
 South Carolina QSO Party 1500Z, Feb 24  
 to 0159Z, Feb 25  
 North American QSO Party, RTTY 1800Z, Feb 24  
 to 0559Z, Feb 25  
 High Speed Club CW Contest 0900Z-1100Z, Feb 25  
 and 1500Z-1700Z, Feb 25  
 SARL Digital Contest 1300Z-1600Z, Feb 25  
 North Carolina QSO Party 1500Z, Feb 25  
 to 0059Z, Feb 26  
 SKCC Sprint 0000Z-0200Z, Feb 28  
 QRP Fox Hunt 0200Z-0330Z, Feb 28  
 Phone Fray 0230Z-0300Z, Feb 28  
 CWops Mini-CWT Test 1300Z-1400Z, Feb 28  
 and 1900Z-2000Z, Feb 28  
 and 0300Z-0400Z, Mar 1  
 UKEICC 80m Contest 2000Z-2100Z, Feb 28

Into March 2018...

NCCC RTTY Sprint 0145Z-0215Z, Mar 2  
 QRP Fox Hunt 0200Z-0330Z, Mar 2  
 NCCC Sprint 0230Z-0300Z, Mar 2  
 Novice Rig Roundup 0000Z, Mar 3  
 to 2400Z, Mar 10  
 ARRL Inter. DX Contest, SSB 0000Z, Mar 3  
 to 2400Z, Mar 4  
 Wake-Up! QRP Sprint 0600Z-0629Z, Mar 3  
 and 0630Z-0659Z, Mar 3  
 and 0700Z-0729Z, Mar 3  
 and 0730Z-0800Z, Mar 3  
 Open Ukraine RTTY Championship  
 1800Z-2059Z, Mar 3 (Low Band)  
 and 2100Z-2359Z, Mar 3 (Low Band)  
 and 0800Z-1059Z, Mar 4 (High Band)  
 and 1100Z-1359Z, Mar 4 (High Band)  
 UBA Spring Contest, CW 0700Z-1100Z, Mar 4  
 SARL Hamnet 40m Simulated Emerg Contest  
 1200Z-1400Z, Mar 4  
 NSARA Contest 1200Z-1600Z, Mar 4  
 and 1800Z-2200Z, Mar 4  
 RSGB 80m Club Championship, Data  
 2000Z-2130Z, Mar 5

*Good luck in the contest*

## <sup>7</sup> Flying with your Ham Radio Gear??

*Ron VE4PL is passing on a reply he received from the Canadian Air Transportation Authority (CATSA) on January 24, 2018 ...*

“ On behalf of the Canadian Air Transport Security Authority (CATSA), we thank you for your e-mail dated January 23rd 2018.

Transport Canada regulates what is permitted on board flights originating in Canada. These regulations are enforced by screening officers at pre-board security.

Electronic devices (e.g. walkie-talkies, small amateur radio transceivers and power banks) are permitted in both carry-on and checked baggage. Please note that large electronic devices such as DVD players, laptops, projectors and gaming consoles will need to be removed from their carrying case and placed in a bin for x-ray screening.

Of note, CATSA has been required by Transport Canada to implement enhanced measures for screening electronic devices. These measures came into effect on July 19, 2018, and as a result, passengers may be selected for additional screening of their electronic devices.

We encourage all passengers to ensure that covers and protective cases can be easily removed or removed in advance of screening and that their electronics are charged.

If the case or cover cannot be removed and/or the device cannot be turned on, it will not be permitted beyond the checkpoint. The device may be surrendered at the checkpoint, or passengers may exit the checkpoint and take the device to their air carrier.

For any questions regarding the regulation concerning the use of these devices during your flight, please contact your air carrier.

We invite you to visit our web site at

<http://www.catsa.gc.ca/whatcanlbring>

for travel tips and a complete listing of all permitted and non-permitted items.

Please do not hesitate to contact us should you require additional information.

Sincerely,

Client Satisfaction / Satisfaction de la clientele ”

## 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)**

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