



# The **NEWSCASTER**

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

February 2014

Facebook [Winnipeg Amateur Radio Club - VE4BB](#) Twitter [@ve4bbwarc](#)

VE4BB

## ***HSM Project***

*By, William VE4VR*

Date: Monday, February 10, 2014

Time: 7:30 PM

Place: Dakota Collegiate - Theatre *See you there!*  
661 Dakota Street (At Beliveau Rd.)

## ***The President's CQ***

*By Garth, VE4GWB*

Hello everyone, only three more months till May, two till the flea market and one till Home Brew night so get those projects finished.

The Spring Raffle featuring the Icom ID880H (or \$500 cash option) is well under way and sales have started. You can get tickets from me and Glen VE4GWN as you run into us at coffee etc. They are also available at your local radio dealer on Leila Ave... Micro-HighTech.

I have a couple of boxes of used coax, some RG 58, some RG 8 with and without ends. I will be bringing them to the February meeting if anybody needs a length or two for experimentation. They are used from a Manitoba government agency given to us. They have been mentioned previously on the WARC Facebook account.

See you in February

Garth  
VE4GWB

## ***WARC's Basic Short Course 7***

The next course starts March 22 so if you know of someone interested in taking the course pass on the registration info posted at ...

[winnipegarc.org/basic\\_course.html](http://winnipegarc.org/basic_course.html)

### ***Other Important Dates...***

Newscaster: Deadline February 26, 2014

WARC: Monthly Meeting Dates...  
March 10, 2014  
Phased Array Antennas  
by Peter VE4TTH

WSC: 2nd Thursday of month  
Breakfast - Garden City Inn

ARES: Tuesday, February 18, 2014  
Sir Wm Stephenson Library  
765 Keewatin Street  
Primer for Klondike Derby  
Operations

Other: April 13, 2014 - Spring Flea Market

### ***WARC Executive for 2013-2014...***

President	Garth Blumm	ve4gwb@gmail.com
Vice-Pres.	David Latour	djlatour@mts.net
Treasurer	Bob Jacobs	rcjacobs@hotmail.ca
Secretary	Doug Henry	doug.henry1@gmail.com
Membership	Ross Gibson	rossg@prefixservice.com
Programs	Allan Grant	allangrant@hotmail.com
Past President	Mark Blumm	ve4mab@mymts.net

## ***EyeBall QSO at the Arches***

Saturdays and sometimes Sundays  
McDonald's—St. James and Ellice  
**0745-0930 hours**

Start your weekend right!  
Get together with your fellow hams, talk tech, and learn from others about the latest rigs.

### ***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*

***WARC Meeting Minutes,  
January 13, 2014  
Taken by Doug VE4TG***

President Garth VE4GWB called the meeting to order at 7:30 PM.

Introductions by members.

***Minutes-***

President moved that Dec minutes be accepted as corrected, moved by Tom VE4SE, seconded by Rolf VE4VZ, approved by show of hands. Two corrections to past minutes required

- 1-November 2013: correct misspelling of VE4VR William's last name to read Franzin.
- 2-December 2013: change spelling of plagues to plaque. Changes approved by show of hands

***Treasures Report-***

Bob VE4RCJ advised we began the month December with an income of \$8,822.08, cheques in amount of 768.29\$ cleared through account, 0.28 cents of income in bank interest which when combined with an outstanding cheque of 500\$ left us a total cash balance of \$7554.07 at end of Dec. When this was combined with the 475.23\$ in our PayPal account we finished the month with a final cash balance of 8,029.30\$.

***Flea Market-***

Dick VE4HK reported that next flea market will be 13 April 2014 Sunday, April 13, 2014 at the Heritage Victoria Community Club, 950 Sturgeon Rd, (2 blocks north of Ness Avenue). See Ruth VE4XYL to book a table for 5\$. Still looking for a volunteer(s) to take over kitchen. WARC will be drawing raffle tickets for D-Star ID-880H mobile radio or approximate cash equiv of 500\$. MRS will have tech equipment on hand to evaluate radios. Doors open at 0930, vendor setup at 0945 to 1030. Persons interested in selling raffle tickets should see Garth.

***Programs-***

February- Mesh Radio by William Franzin;  
March - Phased Antenna Arrays by Peter VE4TTH,  
April - Home Brew Night, May and June - TBD.

***Winnipeg ARES Report-***

By Jeff VE4MBQ. See Newscaster for full details. Marathon meeting Tues June 10, be there early for

handouts, can sign up through WARC website otherwise download word document and email it. Will bring hard copy forms next week. New amateurs encouraged to participate, will team up with experienced member. Marathon is longest held amateur radio event in southern MB.

***RAC Report-***

No one present

***Education Report(s)***

1. Vera VA4VMM reported that the next Basic amateur radio course will be starting 22nd of March 2014.
2. CW course report by Adam VE4SN, prefers to run course in spring rather than winter, had 6 interested for winter and 3 for spring. Hope to start in April.
3. Rolf VE4VZ will be hosting another workshop Jan 25 from 9 to 12, will cover setting up and operating a station, an intro to help newcomers to get established. Those interested should apply to VE4DAR David, there is room for 5 left in class.

***DX Report-***

By Adam VE4SN Adam reported that Malta 1AOC (Sovereign Military Order of Malta) one of the rarest contacts in the world which consists of a group of bldgs in the heart of Rome has been on the air recently. Otherwise it has been the usual of type of contacts. Pat VE4PEH reported she had two recent DX contacts one of which was Belgium. Rolf VE4VZ said 10m is often open in afternoons. Good hunting.

***New Business-***

Rolf VE4VZ indicated there was a new DX group interested in participating in field day. Any new hams who would like to join in should see Rolf.

Garth will confirm location for field day.

There will be a Worked All Winnipeg QSO party focused on 146.52 Mhz starting Friday at 1700 over period 17th to 19th January 2014.

There will be a BC QSO party Feb1 to Feb 2 2014.

Rolf VE4VZ suggested that WARC institute a Manitoba QSO party. No decision was made but consensus was that we need to plan event for next winter.

Motion to adjourn by Jeff VE4MBQ

## ***Spring 2014 WARC Flea Market*** ***By Dick, VE4HK***

As I sit here at the computer, the weather is -45C with the wind chill. However, I am thinking of warmer days ahead. Yes, spring is not that far away. Spring means nice weather, antenna installing parties, and the WARC Spring Flea Market. Let's hope all that snow is gone by then!

The big day is Sunday, April 13, at the Heritage Victoria Community Centre, 950 Sturgeon Road, just a couple of blocks north of Ness Ave.

Why not spend some time on these cold, dark nights analyzing all your amateur radio equipment, and other gear that will catch the eye of amateurs. After you decide what you don't use anymore, box it up. Next, phone or e-mail Ruth VE4XYL and book your table for the Flea Market. With a bit of luck you can sell everything and make some money to buy new toys. Not only that, but your better half will be happy to see a tidy shack.

To book your table, contact Ruth VE4XYL [ve4se@mymts.net](mailto:ve4se@mymts.net) or 204-837-6915. Tables are only \$5.00 each for members of WARC, and \$10.00 for everyone else.

Think of all the good things to see and do at the Flea Market. Plan to arrive at 9:30 am for eyeball QSO's and coffee. Visit all the tables piled high with irresistible gear, that you cannot live without. Buy a fistful of tickets for the Winnipeg ARES Silent Auction. They always have lots of great prizes.

Stop by the Manitoba Repeater Society table, to pay your dues for 2014. While you are there, have your HF, VHF, or UHF radios tested. (Don't forget the manual). I hope to have flyers and prizes from some of the major Amateur Radio stores in Canada. Adam VE4SN will be there with his QSL Bureau. Have you worked any rare DX stations recently? How about one of those California Kilowatts? Adam just might have a card or two for you. The DSTAR group will also have a table. Everything you ever wanted to know about DSTAR!

The Flea Market will be your last chance to buy tickets for the WARC DSTAR radio. Tickets are \$5.00 each or 3 for \$10.00. Prize is a DSTAR radio or \$500.00. Profits help WARC pay for insurance policy.

Doors open for eyeball QSO's and coffee at 9:30am  
Doors open for vendor setup at 9:45  
Doors open for buyers at 10:30  
Prize draws begin at 11:30

I am looking for a volunteer to make a 100 cup pot of

coffee for the Flea Market. This is a very important part of the Flea Market. If you are able to help out, please contact me ASAP. We have the pot and the coffee. All you have to do is add water, and plug it in. Ruth VE4XYL will give full instructions.

Fill your car with friends, and C'MON DOWN to the WARC Flea Market, April 13

Dick Maguire VE4HK  
Flea Market Coordinator

## ***Rolf VE4VZ Does It Again*** ***By David VE4DAR***

Following last year's successful performance for new hams, Rolf VE4VZ scored again Saturday, January 25, 2014. Speaking from his own experience as a repair technician and Amateur Radio Operator, Rolf charmed an audience of 14 attentive participants. Using equipment from the Senior's museum and items from his own shack, Rolf traced the evolution of transceivers and tuners. He pointed to features new hams could consider in assembling equipment for their own shacks.



When polled, most participants said they would also be interested in a workshop for making roll-up J-pole antennas. So watch for that announcement.

These are WARC sponsored events held at the Winnipeg Senior Citizens Radio Club's location. Basic Short Course 7 begins Saturday, March 22. Registration information and forms can be found on the WARC website: [winnipegarc.org](http://winnipegarc.org)

## Winnipeg ARES

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

William Franzin VE4VR provided a very stimulating presentation and discussion session on the new digital network that he has established in Winnipeg with Derek Hay VE4HAY at our JAN General Meeting. If you have an interest in Amateur Radio data comms and missed the JAN ARES meeting don't miss the FEB WARC Meeting where William will be presenting again.

Welcome to Peter Toth VE4TTH, who joined Winnipeg ARES in January. In late January, Harm Hazeu VE4HAZ and Mark Havens VE4MBH (I still always want to say KB7REU) completed the Winnipeg Emergency Management or WEM Course put on by the City of Winnipeg Emergency Preparedness Program.

FEB will be prep time for a busier month in March than the past few months:

- We have Klondike Derby 01 & 02 MAR at Camp Amisk, volunteer operators are still needed
- City of Wpg exercise in early March
- Provincial Disaster Management Conference mid-MAR
- CANWARN Spotter Training SAT 22 MAR in Morris (if interested check [www.winnipegares.ca](http://www.winnipegares.ca) mid-FEB).

Our next General Meeting is TUE 18 FEB 1900h Sir Wm Stephenson Library 765 Keewatin Street. Bob Poole VE4MAQ, Glen Napady VE4GWN and Richard Kazuk VE4KAZ will be presenting a primer for Klondike Derby Operations.

Visit the Winnipeg ARES Web Site  
<http://www.winnipegares.ca>  
 Winnipeg ARES on Twitter - @wpgares

### *Amateur Radios, Antennas, and more are available from your local*

Winnipeg ICOM Dealer...  
**Micro-HighTech Communications Ltd.**  
 197 Leila Avenue, Winnipeg, MB  
 (204)-783-1885  
 Contact George Hill, VE4GDH

Visit their web site..  
<http://www.microhightech.ca/>

## 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.

*Remember to Renew for 2014  
Memberships expired December 31*

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>

### Manitoba Marathon

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

The 2014 Manitoba Marathon will be SUN 15 JUNE.  
 For on-line volunteer registration please go to ...

<http://winnipegarc.org/marathon.html>

The 2014 Amateur Radio Group Volunteer Briefing is TUE 10 JUNE 1900h Norwood Community Club 87 Walmer (Map 17 C8 in the Sherlock map Book).

Although the briefing starts at 1900h we will begin distribution of race information, documentation, volunteer t-shirts and pre-arranged equipment loans at 1815h.

As of 26 JAN we have 27 volunteers. We need 85-90 volunteer operators. Amateur Operators already registered as volunteers for 2014 Manitoba Marathon include:

VA4RWT  
 VE4 BN, CDM, DJS, ESX, GKS, GWN, HK, HAH,  
 HAZ, JAH, JDH, GLS, LDI, MAB, MBQ, MHZ, PWN,  
 RST, SE, STL, TSY, UG, VZ, WTF, XYL, YYL.

## *SATS Receives Grant/Donation from RAC and WARC*

The Shaftesbury ARISS Telebridge Service (SATS) received two cheques just in time for Christmas. The first photo below shows the presentation of a \$500 cheque to grade 12 student Jake Booth (VE4RED) by Radio Amateurs of Canada president Geoff Bawden (VE4BAW). RAC is supporting SATS through a community grant. The second photo shows Derek Hay (VE4HAY) presenting grade 12 student Alex Poersch (VA4ELF) with a \$500 cheque from the Winnipeg Amateur Radio Club for the purchase of two receive preamplifiers that will soon be installed in the Shaftesbury satellite tracking station. We expect that Jake and Alex will be the first students at Shaftesbury to make an International Space Station (ISS) contact. Both will be starting engineering programs in September.



Plaque presentation at the ground station of Shaftesbury High School. WARC President Garth Blumm VE4GWB & Adrian Deakin VA4AMD standing under one of the satellite beam antenna arrays.

## *Nostalgia Radio CJNU 93.7*

**Now Full Time At Their New Frequency!**  
*CJNU 93.7 FM is where you'll hear the very best easy listening music that has been popular over the past eight decades!*

Visit their web site for info and their SKED at  
<http://www.cjnu.ca>

## *D-Star's "D-Tip" Of The Month By, Garth VE4GWB*

Repeater quiet? Especially at 0 Dark Thirty? Try linking to a reflector or repeater and putting out a call.

I.D. as listening from VE4WDR port B/C (Whichever port you are on) in Winnipeg, Manitoba, and see who you can contact.

Remember - When you are linked to the world on D-Star it's always 5 o'clock somewhere !

## *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



***RADIO AMATEURS OF/DU CANADA  
Applauds 60 meter band frequency allocations!***

RAC has been working on achieving this new band allocation since 2010.

Industry Canada has announced that a number of specific frequencies within the 60 meter high frequency band have been approved for amateur radio use as RAC advocated. This is now in effect.

A total of five specific frequencies within the 5 MHz band have been allocated, 5332 kHz, 5348 kHz, 5358.5 kHz, 5373 kHz and 5405 kHz. Radio amateurs across Canada have new frequencies to explore as a result of a recent decision of Industry Canada.

"Canada has joined a number of countries in making channels available in the 60 metre band, near 5MHz for use by radio amateurs. This will provide increased ability for Canadian radio amateurs to help out in providing emergency communications when existing systems fail as has happened in ice storms and flooding. We applaud this decision of the Canadian government." said Geoff Bawden, President of Radio Amateurs of Canada.

Unlike the commercial communications systems so important to modern society, amateur radio does not require an extensive infrastructure for communications. Radio amateurs take advantage of natural phenomena to send their signals across town and around the world. They delight in being able to set up in a remote location with their own power supplies and simple antennas, often home built, competing to see who can make the most contacts in a limited time. The Amateur Radio Emergency Service in Canada, sponsored by RAC, provides training and organizes exercises for radio amateurs to sharpen their skills to be able to respond to emergencies. As well these organizations and amateur radio clubs often provide communications to community public service activities and events such as ski races and marathons, bicycle races and car rallies. The skills radio amateurs develop through their hobby and these activities mean that in emergencies that shut down power grids, internet and wireless communications, amateur radio can continue to function. In major emergencies such as the earthquake and tsunami in

Japan in 2011 and the Typhoon Haiyan in the Philippines last year amateur radio operators are often the first source of information from affected areas.

The key resource for amateur radio is access to the radio spectrum. Conditions in the atmosphere and high in the ionosphere determine the distances over which communications are possible. The new allocation at 60m between existing allocations at 80 m and 40m should make regional communications more reliable. Furthermore as Canada and the United States have allocated many of the same channels to their radio amateurs cross border communications are possible. Fortunately major emergencies are relatively rare. Radio amateurs will explore communications on the new frequencies as they do in all available bands, experimenting, learning and making new friends across the world.

**TECH DETAILS**

The five 60 metre channel allocations are the same as authorized in the USA, with the same power restriction of 100 watts ERP (relative to a dipole antenna). Transmissions, independent of emission mode, must be centered on the each of the following frequencies: 5.332, 5.348, 5.3585, 5.373, and 5.405 MHz with a maximum allowable channel bandwidth of 2.8 kHz. When operating SSB, upper sideband will be the convention to follow on the 60 metre band. Other modes that are permissible will be CW, Data (including PSK 31 and Packet III), and RTTY. With this latest authorization on operation on the 5 MHz channels to Canadian Amateurs with HF privileges, there will no longer be a requirement to operate under a special Developmental license and VX9 call sign. Holders of such licences can now let them lapse.

Canadian amateurs should refer to the posting of RBR-4, Issue 2, for all details before proceeding to operate on the new 60 metre channels: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10650.html>

Their curiosity and eagerness to develop and share this hobby will enrich the communities where they operate and provide needed resilience in communications when emergencies require it.

Technical details of this decision can be found here: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf10623.htm>

Tech/Admin contributions, Norm Rashleigh VE3LC.  
Glenn MacDonell VE3XRA.

Vincent Charron - VA3GX/VE2HHH  
Director Communications and Fundraising  
[communications@rac.ca](mailto:communications@rac.ca)

## Contest Calendar

Extracted From

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

### For February...

CQ WW RTTY WPX Contest	0000Z, Feb 8 to 2400Z, Feb 9
SARL Field Day Contest	1000Z, Feb 8 to 1000Z, Feb 9
Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 8
Dutch PACC Contest	1200Z, Feb 8 to 1200Z, Feb 9
New Hampshire QSO Party	1600Z, Feb 8 to 2200Z, Feb 9
FISTS Winter Sprint	1700Z-2100Z, Feb 8
NCCC Sprint Ladder	0230Z-0300Z, Feb 14
ARRL Inter. DX Contest, CW	0000Z, Feb 15 to 2400Z, Feb 16
AGCW Semi-Automatic Key Evening	1900Z-2030Z, Feb 19
NCCC Sprint Ladder	0230Z-0300Z, Feb 21
CQ 160-Meter Contest, SSB	2200Z, Feb 21 to 2159Z, Feb 22
REF Contest, SSB	0600Z, Feb 23 to 1800Z, Feb 23
UBA DX Contest, CW	1300Z, Feb 22 to 1300Z, Feb 23
North American QSO Party, RTTY	1800Z, Feb 22 to 0600Z, Feb 23
High Speed Club CW Contest	0900Z-1700Z, Feb 23

### March 2014

ARRL Inter. DX Contest, SSB	0000Z, Mar 1 to 2400Z, Mar 2
Wake-Up! QRP Sprint	0600Z-0800Z, Mar 1
DARC 10-Meter Digital Contest	1100Z-1700Z, Mar 2
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 2
AGCW YL-CW Party	1900Z-2100Z, Mar 4
AGCW QRP Contest	1400Z-2000Z, Mar 8
EA PSK63 Contest	1600Z, Mar 8 to 1600Z, Mar 9
Idaho QSO Party	1900Z, Mar 8 to 1900Z, Mar 9
North American Sprint, RTTY	0000Z-0400Z, Mar 9
Wisconsin QSO Party	1800Z, Mar 9 to 0100Z, Mar 10

*Good Luck In The Contest*

### 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, plus Dick's "Swap and Shop"

**Seniors 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!

**Friendly Manitoba IRLP Net  
Net - 145.450 Mhz - (Node # 1066)  
On - The Great Lakes Reflector #9611  
Wednesdays at 7:00 pm**

This net connects you with the world using your VHF rig and using the internet as the backbone!

### D-Star Nets on the VE4WDR System

**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 )

### HF Nets .....

**MB Evening Phone Net - 3747 Khz**

**Daily at 7:00 PM CT**

**Prairie Traffic Net (CW) 3660 Khz**

**Daily at 01:30 UTC**

**Aurora # 2 Net 7055 Khz**

**Daily at 02:30 UTC**

**MB Wx Net 3743 Khz**

**Daily at 8:30 AMC**

### ARES Manitoba Monthly Readiness Net

**4TH Sunday of each month**

**4:00 PM to 4:20 PM -7,075 Khz**

**4:00 PM to 4:15 PM -3,675 Khz LSB**

Also.. VE4WRS IRLP, VE4ARC/TEU, Inter-lake, VE4FFR Flin Flon, IRLP Reflector 9003 to Flin Flon/Swan River/Pinawa, VE4SIX/DARC repeater, VE4TPN/VHF Thompson.

*The Newscaster* is the Official Publication of **Winnipeg Amateur Radio Club**

Please send your submissions/comments to the editor Mark VE4MAB, - [newscaster@WinnipegARC.org](mailto:newscaster@WinnipegARC.org)