



The **NEWSCASTER**

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

March 2018

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

VE4BB

TBA

Date: Monday, March 12, 2018
Time: 7:30 PM
Place: Dakota Collegiate - Theatre *See You There*
661 Dakota Street (At Beliveau Road)

Other Important Dates:

News caster: Deadline March 28, 2018

WARC: Monthly Meeting Dates
April 9, 2018
May 14, 2018

ARES: Tuesday, March 20, 2018
Sir Wm Stephenson Library
765 Keewatin Street - Presentation on
Lightning Maps

Other: Spring Flea Market
Sunday, April 15, 2018

Manitoba Marathon
Sunday, June 17, 2018

WARC Executive for 2017-2018...

President	Peter Toth	ve4tth@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

Fallen From The President's Desk....

We've been busy!

Winter field day was a success by every measure possible. From the number of contacts made, the number of visitors to the site, to the equipment being used, and most importantly, for the amount of fun everyone had who participated. It proved that we could get communications up and running in the winter, with little to no problem at all. That was very rewarding for all who attended.

The Spring Flea market is coming up fast

Sunday, April 15th 2018

Heritage Victoria Community Centre
950 Sturgeon Rd, Winnipeg MB

As of this writing, only 9 tables remain, so if you want to unload some valuable merchandise, please contact Ruth VE4XYL at ve4se.xyl@gmail.com or 204-837-6915 to book your table.

Table rental is \$5.00 for members,
\$10.00 for non-members.

The weekend of March 3rd and 4th will see once again, ham radio operators participating in the annual Klondike Gold Rush Days with Scouts Canada. Hams are there to help make sure anyone who may become injured, or suffer frost bite, is quickly looked after. This is an annual event, that is both rewarding and fun for the kids, parents, and all the ham radio operators who join in the fun.

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

Last months meeting of WARC had it's meeting date changed, due to a school event that bumped us out of our regular date and time. Unfortunately this has happened 3 times now just this year alone, and may happen once again.

It is for that reason that the executive have began investigating alternate meeting sites, and asked the membership at that meeting if they had any suggestion for a new location. We have had some response, but considering that not all members have been made aware of this effort, I now bring it to your attention.

If you know of a place that has a venue available, with ample parking, easy access with little to no stairs, and has high speed internet available. That is willing to rent it to our club for a maximum of 3 hours once a month. Let myself or anyone on the executive know, and we will take a serious look at its viability. I know moving can be a pain, but we travel light, and if we can finally get access to high speed internet, which the school has outright forbidden us to use, and a place that will not bump us out at on short notice. We just may make that move.

73
Peter Toth
VE4TTH

WARC Meeting Minutes February 5, 2018 Taken By Gerry VE4GKS

Meeting called to order 00:37

Introductions as unusual.

Treasurer's report \$5831 + self-insurance.

Basic short course coming along well.

So is the CW course.

There was some discussion of a new meeting venue.

Education

Basic Short Course 15, BSC15, is on the way, we are full with 19 students from all ages and all professions want to be certified

From Schools division, teens, to retired seniors (very persistent) with admirable tenacity from the last BSC14 that they score 70 and they want to score 80 this time and get Basic with Honors.

Final day of exam is March 24th

Spotlight on Ed Noakes VE4ON By David VE4DAR

Ed Noakes VE4ON is one of the regulars at the Arches on Sunday mornings. If you can't find Ed at the Arches, you could catch him working at Eddies Sharpening along side his daughter, Linda VE4LIN.



"I got interested in amateur radio working at the CNR with a carpenter named Harry Paterson VE4HP. After seeing Harry's radio station, I determined to get my license."

"For a while, I studied on my own. Then I took a class at Tech Voc from instructors VE4FB and Archie Kansas VE4RT." Ed got his ticket in 1946.

Did you build or buy? "Both; I built a lot of equipment, receivers and transmitters, with help from VE4RT. Lots of tubes."

What sticks out in your memory? "After coming home from night shift, I called one guy in the USA almost every night for months on CW. Also talked with sailors on boats near Hawaii on marine radio. And I talked with the International Space Station (ISS); now it's common."

What have you gotten out of ham radio? "During lots of travel in the US, I've made many friends through radio. It's very educational. I've learned the metric system, and natural systems. Electronics is very intriguing. I still can't get over how Marconi did his thing."

Anything interested you particularly? "I started a noon-hour net, just for fun."

Public service? "I did lots of phone patches for friends. I remember connecting a priest flying over Winnipeg with his father in Winnipeg."

Advice for new hams? "Keep studying; get involved. There is so much to learn."

Future of amateur radio? "It won't die; it will continue. It's the best hobby in the world!" We agree, Ed.

Manitoba Repeater Society **NOTICE OF MEETING**

The Manitoba Repeater Society Inc. Annual General Meeting will be held in late April. The executive is working on securing a date and location for the meeting. Members are encouraged to listen to the MRS 2 Meter Nets and the Morning Net for updates.

We are looking for amateurs with experience as 2 way radio technicians to join the executive. We can train suitable candidates to work on our repeaters.

Are you interested in becoming a member of the MRS executive? Contact any member of the executive to get your name on the ballot

73

Dick Maguire VE4HK

NOTICE OF MEETING

The Manitoba Repeater Society will be holding a special meeting on Sunday March 25, at 1:00 pm in the Winnipeg Seniors Boardroom. The address is 598 St. Mary's Road.

The purpose of the meeting is to discuss different methods of linking our repeaters. One objective is to increase the reliability of the system. Currently, all our repeaters are linked by UHF radios. We are contemplating other ways, such as via the Internet.

MRS has successfully conducted a test, using the Internet, to link VE4MAN with VE4CNR repeaters. The technicians who ran the tests will be at the meeting to explain what they have done.

All MRS members and interested amateurs are invited to attend this meeting. We invite input from the amateur community.

Dick Maguire VE4HK
Secretary

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Contact George Hill, VE4GDH

Visit their web site..

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

Winnipeg ARES **Jeff Dovyak VE4MBQ** ve4mbq@rac.ca

The FEB General Meeting featured a presentation on ARES role at Klondike Derby, presented by Jeff VE4MBQ and assisted by Richard VE4KAZ.

CANWARN Spotter Training will be in Winnipeg this year, SAT 17 MAR. If interested, please contact VE4MBQ before 10 MAR.

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 MAR 1900h at Sir Wm Stephenson Library 765 Keewatin Street. Keith Hartley is scheduled to speak about Lightning Maps.

We need a Fundraising Coordinator, contact any member of Winnipeg ARES Executive if interested.



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 December 31

You Can Renew Today On-Line

WARC's Best Use of Radio Trophy



Figure 1: WARC's Radio Trophy

The Manitoba Association of Physics Teachers (MAPT) held its annual High Altitude Balloon (HAB) Symposium for students and teachers at Bernie Wolfe School on February 9th. Over 100 students and teachers attended and at least 12 schools were represented. MAPT coordinates a HAB Flight Day each spring. Students perform all required tasks including payload testing and construction, balloon filling and tracking the HAB in the air. HAB flights provide students with hands-on engineering and science experiences. The teams use amateur radio and the APRS (Automatic Packet Reporting Position) to receive the GPS derived position and altitude of their school's balloon in real time. Most schools have radio amateurs on their teams. Some teams and teachers use mobile transceivers to keep in touch during the trip to the launch site, at the launch site and while chasing their balloons.

The awards were a new feature of the HAB symposium this year. Manitoba Aerospace sponsored five trophies (highest flight, longest flight, best photography, best engineering and best science) and WARC sponsored the radio trophy.

Shaftesbury High School won the "Best Use of Radio in Support of High Altitude Balloon Flight Operations" award for 2017. Shaftesbury students Bryce Jenkins (VA4VBC) and Matthew Hewlett (VE4MRH) worked very hard to build their Iridium transceiver circuit which included an ATmega 328P microcontroller, a GPS receiver, relays, a nichrome wire payload release circuit and a cold smoke dispenser circuit. Tom Tessier (VE4TRT) of Solara Remote Data Delivery provided the Iridium (satellite) transceiver and was a mentor on the project. The Shaftesbury team used the Iridium transceiver circuit to bring down their payload after reaching an altitude of only 20 km. The Shaftesbury balloon had flown for a considerable time in the 220 km/h polar Jetstream that had taken it much farther south than had been anticipated. To prevent it landing

in the United States, the team decided to use the new Iridium circuit to release the payload. The payload made a parachute landing on a farm near Plum Coulee. Bryce and Matthew graduated last June.

The six HAB trophies are glass pyramids on a wooden base. Rather like a HAB payload, each trophy contains items that are representative of the award. The radio trophy contains a large vacuum tube, a telegraph or CW key, a photo of amateur radio antennas and a photo of a mobile transceiver receiving packets from a HAB. The brass key and the vacuum tube were provided by WARC members Dick Maguire (VE4HK) and Bill Fleury (VE4BEF). The pyramids are scaled to the Great Pyramid in Egypt, which is possibly the greatest, oldest and most mysterious of all human achievements. Some pyramid enthusiasts think the pyramids represent an ancient space program, built to send the pharaoh's spirit to the stars. I liked this symbolism as well as the math underlying the geometry of the pyramid. The trophies are unique. I had considerable help from my artist brother-in-law, Anthony Chiarella and his stained glass artist friend Roland Ritchot.

I presented WARC's trophy to Shaftesbury high school student Jordan Bowley (VE4JRB) in the principal's office on Friday, February 23rd as no one from Shaftesbury was able to attend the HAB symposium. Principal Catherine Birch has it on display in the office.



Figure 2: Jordan Bowley (VE4JRB) representing Shaftesbury High School receives WARC's Best Use of Radio Trophy from retired teacher Robert Striemer (VE4SHS).

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

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



The seven students who began this course are still with us, through work trips, health issues and long hours in their normal lives. That's dedication for you. And it makes me feel that there is a continuing place in this ham world for CW ops. I am not yet a dinosaur (but soon to be fossilized.)

WARC's course was run on the basis of Koch's 1930s paper on how telegraphers learn. We challenged our students to learn as pros have learned in the past, when telegraphy was the digital communication tool. Characters were 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 struggled at times, but by last week had all 41 characters echoing in their heads.

Most of the group have embraced the paddle/keyer, but a couple have found a straight key to be their best friend. There is ample room for both kinds of operator (and others, too.)

What impresses me most is the grass-roots movement to set up their own practice group, so they can continue to improve after the class ends on 27 February. This will certainly get all 7 on the air sometime this year.

I set up an ambitious program for this first effort. I had hoped that 90min twice a week would be enough, but it quickly grew to 150 min at twice. Cramming it all into 8 weeks was also tight, but my own time commitments allowed no longer period. Twelve weeks would be more than adequate and perhaps another instructor can be found to cover the extra month next time around. I confidently expect there to BE a next time, the demand is certainly there. Restricting class size to 8 was a good idea also, giving individual attention to all.

The students will have a nervous weekend waiting to meet Adam on Tuesday, but I am confident that they are well-enough prepared for the exam.

I would like to thank the Winnipeg Seniors Club for the use of their classroom and wifi for the course. We could not work without them. I would like to thank Lawrence Kyle VE4SS for installing the Kenwood HF radio connected to a 40m antenna for our use. It is sad that propagation has not been our friend this winter. I would like to thank Radioworld.ca for getting the paddles and keyers to us in time, at short notice. I would like to thank Peter Toth VE4TTH for providing the pigtailed for the paddles. I would like to thank Adam Romanchuk VE4SN for providing examination services. I would like to thank my wife Nina for her understanding. And lastly, I would like to thank the seven students for their vote of confidence that this would all work for them.

CWT1 Instructor and Student
David Latour VE4DLA (now in witness-protection)

Sequel: Exam night, late night.
Five of seven challenged the test tonight, and what a challenge it was; technical difficulties, bad batteries and gremlins galore. But, in the end we have 5 new CW operators in our radio community. They have my congratulations and admiration for their hard work and success.

It has been an enlightening experience. I have several ideas to improve the curriculum and the exam, and at least two candidates for alternate instructor to keep the workload reasonable. And, I will start the waiting list for CWT2 tomorrow...

Good night, and good news.

Comments from the students....

“On February 27 the latest WARC CW course wrapped up after two months of hard work. Of the seven students that started the course 6 were at the final class to complete the course and those that needed to write the certification exam did so (and passed by the way). Our examiner was Adam VE4SN.

The course was impressive. Our professor was David Latour VE4DLA who practiced maturity, diplomacy and excellent cat herding skills and proved excellent in his role as teacher, facilitator and student manager. I strongly recommend him. The seven students were a joy to work with. They were mutually supportive and keen on the material. The lessons imparted by David were reinforced by the in class lab work of sending and receiving material. For example it was student Serge that drove home one of David's lessons by telling me that I was sending “B B” when I thought that I was sending “C”.

It was tough. Morse is not an intellectual skill .. and I suspect that it used part of my brain that I rarely accessed (no snide comments please). While advertised as requiring 20 minutes a day of practice I found that I had to spend much longer and reading code is much
Continued...

6
harder than sending code and it was only at the end of two months of hard slogging that words came out of the flood of dits and dahs.

Well done David and fellow students.”

73

Geoff VE4BAW

We are now finishing the first important step in learning Morse Code, thanks to the efforts of David Latour, VE4DLA. David put into action something talked about for years, a Morse Code course.

He found the time to organize the course, purchase paddles and keyers, book the space, and look after the many details to get the course up and running.

So, kudos to David. I hope this is the beginning of a reawakening in the use of CW in our Winnipeg amateur radio community.

73,

Don, VE4DFM

This winter, I had the opportunity to take the International Morse Code CW sponsored by the Seniors Ham Radio Club- Winnipeg, which proved to be very interesting and enjoyable.

This course uses the Koch method, which teaches you to memorize sounds used for each alphabet, number and punctuation in full speed. It was designed to teach students to copy and receive up to 20 words per minute. We were privileged to have Mr. David Latour teach us this course. He was very knowledgeable, very supportive, and he encouraged yet challenged us to become proficient in the shortest period of time. Mr. Latour was always willing to give suggestions and tips on both the theory and practical component of copying and sending Morse code.

Going into this course knowing absolutely nothing about Morse code, I found it to be very challenging but at the same time very rewarding. My expectation upon starting the course was that it going to take me forever to learn all the codes.



With Mr. Latour's patience and teaching method it not only exceeded my expectation but that of the rest of the class. Going forward, our group will continue to get together on a regular basis to master our newly learned skill.

I would recommend this course to anyone who is interested and enthusiastic about learning Morse code.

73 VE4DBV
Drago Lambeta

David's CW course is now history, and I think I speak for all of us who took it that it was worth the effort. I, for one, would like to see the good work continued. How many other club members would like to see these twice-weekly sessions at the WSC facilities continued? I can come out on Thursdays, but not every Tuesday, as I am also involved with ARES and the Manitoba Unix Users' Group. During the summer I also usually put in a few weeks on call for CanWarn. I cannot claim to be a good instructor, but I am willing to continue, to the best of my abilities, however good or bad they may be, this course. Do I have the support of the club for this? If there is some support, I will contact Derek, VE4HAY, to make arrangements. This shouldn't be any problem, as I am a member of WSCRC.

The club purchased four sets of paddles and keyers made by MFJ. The paddles are Chinese copies of the Bencher paddles, and I think David would agree, they aren't as good as the real Bencher paddles (I can talk - I have a real Bencher set, plus two other sets of American-made paddles.) Hamcrafters seems to have some good offerings for CW work. Perhaps some members would like to take a look at their web site (www.hamcrafters.com). I intend to bring this up for discussion at the March WARC meeting, if the CW course is continued.

73

Gerry Sherman.

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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!

7 Contest Calendar

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

March 2018

ARS Spartan Sprint 0200Z-0400Z, Mar 6
AGCW YL-CW Party 1900Z-2100Z, Mar 6
QRP Fox Hunt 0200Z-0330Z, Mar 7
Phone Fray 0230Z-0300Z, Mar 7
CWops Mini-CWT Test 1300Z-1400Z, Mar 7
and 1900Z-2000Z, Mar 7
and 0300Z-0400Z, Mar 8
UKEICC 80m Contest 2000Z-2100Z, Mar 7
AWA John Rollins Memorial DX Contest
2300Z, Mar 7 to 2300Z, Mar 8
and 2300Z, Mar 10 to 2300Z, Mar 11
NCCC RTTY Sprint 0145Z-0215Z, Mar 9
QRP Fox Hunt 0200Z-0330Z, Mar 9
NCCC Sprint 0230Z-0300Z, Mar 9
RSGB Commonwealth Contest
1000Z, Mar 10 to 1000Z, Mar 11
SARL VHF/UHF Analogue Contest
1000Z, Mar 10 to 1000Z, Mar 11
South America 10 Meter Contest
1200Z, Mar 10 to 1200Z, Mar 11
F9AA Cup, SSB 1200Z, Mar 10 to 1200Z, Mar 11
SKCC Weekend Sprintathon
1200Z, Mar 10 to 2400Z, Mar 11
AGCW QRP Contest 1400Z-2000Z, Mar 10
Oklahoma QSO Party
1500Z, Mar 10 to 0200Z, Mar 11
and 1400Z-2100Z, Mar 11
Stew Perry Topband Challenge
1500Z, Mar 10 to 1500Z, Mar 11
EA PSK63 Contest 1600Z, Mar 10 to 1600Z, Mar 11
TESLA Memorial HF CW Contest
1800Z, Mar 10 to 0559Z, Mar 11
QCWA QSO Party 1800Z, Mar 10 to 1800Z, Mar 11
Idaho QSO Party 1900Z, Mar 10 to 1900Z, Mar 11
QRP ARCI Spring Thaw SSB Shootout
2200Z-2300Z, Mar 10
North American Sprint, RTTY 0000Z-0400Z, Mar 11
UBA Spring Contest, 2m 0700Z-1100Z, Mar 11
WAB 3.5 MHz Phone 1800Z-2200Z, Mar 11
Wisconsin QSO Party
1800Z, Mar 11 to 0100Z, Mar 12
4 States QRP Group Second Sunday Sprint
0000Z-0200Z, Mar 12
CLARA Chatter Party
1700Z, Mar 13 to 1700Z, Mar 14
and 1700Z, Mar 17 to 1700Z, Mar 18
QRP Fox Hunt 0100Z-0230Z, Mar 14
Phone Fray 0230Z-0300Z, Mar 14
CWops Mini-CWT Test 1300Z-1400Z, Mar 14
and 1900Z-2000Z, Mar 14
and 0300Z-0400Z, Mar 15
RSGB 80m Club Championship, CW
2000Z-2130Z, Mar 14
QRP Fox Hunt 0100Z-0230Z, Mar 16
NCCC RTTY Sprint 0145Z-0215Z, Mar 16
NCCC Sprint 0230Z-0300Z, Mar 16
BARTG HF RTTY Contest
0200Z, Mar 17 to 0200Z, Mar 19

Russian DX Contest
1200Z, Mar 17 to 1200Z, Mar 18
Virginia QSO Party
1400Z, Mar 17 to 0400Z, Mar 18
and 1200Z-2400Z, Mar 18
Louisiana QSO Party
1400Z, Mar 17 to 0200Z, Mar 18
AGCW VHF/UHF Contest
1400Z-1700Z, Mar 17 (144)
and 1700Z-1800Z, Mar 17 (432)
Feld Hell Sprint 2000Z-2159Z, Mar 17
UBA Spring Contest, SSB 0700Z-1100Z, Mar 18
Run for the Bacon QRP Contest 0100Z-0300Z, Mar 19
Bucharest Contest 1800Z-2059Z, Mar 19
QRP Fox Hunt 0100Z-0230Z, Mar 21
Phone Fray 0230Z-0300Z, Mar 21
CWops Mini-CWT Test 1300Z-1400Z, Mar 21
and 1900Z-2000Z, Mar 21
and 0300Z-0400Z, Mar 22
NAQCC CW Sprint 0030Z-0230Z, Mar 22
RSGB 80m Club Championship, SSB
2000Z-2130Z, Mar 22
QRP Fox Hunt 0100Z-0230Z, Mar 23
NCCC RTTY Sprint 0145Z-0215Z, Mar 23
NCCC Sprint 0230Z-0300Z, Mar 23
CQ WW WPX Contest, SSB
0000Z, Mar 24 to 2359Z, Mar 25
FOC QSO Party 0000Z-2359Z, Mar 24
UBA Spring Contest, 6m 0600Z-1000Z, Mar 25
SKCC Sprint 0000Z-0200Z, Mar 28
QRP Fox Hunt 0100Z-0230Z, Mar 28
Phone Fray 0230Z-0300Z, Mar 28
CWops Mini-CWT Test 1300Z-1400Z, Mar 28
and 1900Z-2000Z, Mar 28
and 0300Z-0400Z, Mar 29
UKEICC 80m Contest 1900Z-2000Z, Mar 28
QRP Fox Hunt 0100Z-0230Z, Mar 30
NCCC RTTY Sprint 0145Z-0215Z, Mar 30
NCCC Sprint 0230Z-0300Z, Mar 30
Feld Hell Sprint 0000Z-2359Z, Mar 31
UK/EI DX Contest, CW
1200Z, Mar 31 to 1200Z, Apr 1
Russian WW MultiMode Contest
1200Z, Mar 31 to 1159Z, Apr 1
Into April 2018 ...
RSGB RoLo SSB 1900Z-2030Z, Apr 1
IQRP Quarterly Marathon
0800Z, Apr 2 to 2000Z, Apr 8
RSGB 80m Club Championship, CW
1900Z-2030Z, Apr 2
ARS Spartan Sprint 0200Z-0400Z, Apr 3
Phone Fray 0230Z-0300Z, Apr 4
CWops Mini-CWT Test 1300Z-1400Z, Apr 4
and 1900Z-2000Z, Apr 4
and 0300Z-0400Z, Apr 4
UKEICC 80m Contest 1900Z-2000Z, Apr 4
NRAU 10m Activity Contest
1700Z-1800Z, Apr 5 (CW)
and 1800Z-1900Z, Apr 5 (SSB)
and 1900Z-2000Z, Apr 5 (FM)
and 2000Z-2100Z, Apr 5 (Dig)
SARL 80m QSO Party 1700Z-2000Z, Apr 5

Prince Albert Museum Wanted—Vintage Radio Equipment

The Prince Albert Museum is asking for Donated Vintage Radio Equipment, display easels, and shelving. They are wanting to setup a 24X12 Ham shack on the grounds Southwest of the City. They plan to feature a 1950's & 1980's Station, filled with non-operational components. Percy Halliwell (VE5HH) and other amateur radio operators in the area already collected about 50 pieces of equipment for display, but looking for more tube equipment to finish the station. They have obtained a few pieces from the United States, but the postage and freight is expensive, the budget can't handle any more expenses. Examples of the type of equipment we are looking for are: Johnson, Viking, Navigator, or Ranger Transceivers.

- Heathkit Apache TX or Mohawk RX Heathkit DX-20; DX-100
- National NC-300; NC-303RX
- National NCX3 Transceiver
- Drake R4 Receiver etc, etc....

Donations from Saskatchewan and Western Manitoba are solicited and arrangements would be made for pickup or delivery.

You may contact:
Percy Halliwell (VE5HH)
1525 Helme Crescent
Prince Albert, SK.
S6V 6G6
Ph. (306) 922-8281

Manitoba Marathon Jeff Dovyak VE4MBQ ve4mbq@rac.ca

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

We still need at least forty-five (45) volunteer operators. On-line registrations can be done thru:

http://winnipegarc.org/marathon_volunteer_form.html

As of 25 FEB we have the following volunteer operators:

VA4s: CAT, DON, PNO, RAD.
VE4s: GZ, HK, HQ, PH, WX, BIT, BOY, CDM, CEL, CEM, DJS, DWG, EAR, ESX, GIS, GKS, GLS, GWN, HAZ, JAH, JDH, JNF, KIZ, LYN, MBQ, MAB, MHZ, MWH, NCH, NJR, NQ, PEH, SBS, STS, SYM, TRO, TSY, TTH, WDZ, YYL.

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)**