



The NEWSCASTER

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

October 2018

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VE4BB

Exploring the World Above 432 MHz By Barry VE4MA

Date: Tuesday, October 9, 2018 AGM
Time: 7:30 PM *New Weekday & Location*
Place: Royal Canadian Legion Branch 252
426 Osborne Street, Winnipeg, MB

Other Important Dates:

Newscaster: Deadline November 1, 2018

WARC: Monthly Meeting Dates **2nd Tuesdays**
November 13, 2018
December 11, 2018
January 8, 2019
February 12, 2019
March 12, 2019
April 9, 2019
May 19, 2019
June 11, 2019 Elections

ARES: Tuesday, October 16, 2018
Sir Wm Stephenson Library
765 Keewatin Street - Mission Planning
and the Orders Format by
Bob Poirier VE4RCA

Other: WARC Fall Flea Market
Sunday, October 14, 2018

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,

It's not big secret that radio propagation hasn't been the best lately. While it can be frustrating for new and experienced HAMs, this is a perfect time to try something new!

If you've never tried running in the digital modes, now is a perfect time to take the plunge and learn how! JT65 has been around for a while and FT8 is the latest and greatest thing to hit HF! Both modes use precisely timed frequency shift keying making them capable of receiving a signal BELOW the noise floor!

Even if your favourite band sounds like it's completely dead, give JT65 or FT8 a whirl! You might just be surprised at what's still coming over the air!

For those operators who are mic shy or have been hesitant to try out their CW keying over the air, low propagation is a good time to brave the PTT button and give it a go! There's plenty of operators around the world who are looking for a QSO and/or trying to get an award. You never know, your callsign might be the last callsign needed on a long list to an operator receiving their award!

Radio contests are also an excellent opportunity to get used to speaking into a mic or working on your CW skills. Even if you're not familiar with the contest rules, most operators are more than happy to assist you in making sure they exchange the correct information from you in a QSO so they can score points. This is usually as simple as your callsign, a signal report and a serial number or some kind of identifier.

It gets even better because many contests have points multipliers usually based on geographical location. If you happen to operate a contest where Canada, central Canada or Manitoba count as a multiplier, many operators will make an extra effort to have a QSO with you to get an additional points multiplier!

My recent experience of this was the 2018 RAC Canada Day Contest where a multiplier was awarded for a QSO from each province on each band.

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
I started using phone on 20M & 40M and even in the middle of a big pile-up, if another operator even thought they heard "VE4" they'd make the effort to complete the QSO with me. Unfortunately, bad propagation meant I worked all the phone contacts I could hear within a few hours.

I had to beat my score from the previous year's contest, which meant I had to keep going by trying something new. Morse Code!

I set up my straight key, warmed up for about 20 minutes and keyed up for the first time in a contest on CW! I'll admit my morse code skills are far from the best and I completely fumbled through the first 8 - 10 QSOs, but I did it! Just as I had experienced using phone, many operators were more than willing to slow down and help me out as soon as they heard the coveted "VE4" multiplier slip into their pile-up! (It was almost like I was the only VE4/VA4 operator on the air that weekend!)

During a propagation slump, don't be afraid to try something new! A new mode, a new band or even jumping onto local repeaters! There's always something going on and there's always operators looking for QSOs who are more than willing to help you along!

Sincerely,

Colin Mantay, VE4CEM
President

WARC Meeting Minutes
June 11, 2018
Taken by Gerry VE4GKS

Meeting called to order 00:30

Announcement about new venue – 426 Osborne South, starting in the fall.

Introductions as usual.

Finance \$6660 available to spend, plus reserve for insurance.

Membership: 88 members.

ARES – still need Marathon operators

DX – central Europe coming in on 20 meters.

Field Day plans discussed.

50/50 \$16.00 to Hamish.

Moved & seconded –

VE4DLA treasurer by acclamation
Colin president by acclamation
John vice-president by acclamation – second term
Jessy continuing as membership chairman
Roberto continuing in education
Gerry continuing as secretary.

Moved: RAC meeting here for our 100th anniversary.

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"WARC"
members**

Print It On is offering WARC members
a 15% discount on QSL cards.
On any size and any qty of QSL card.
Be sure to present your WARC membership card!

WARC Meeting Minutes
September 11, 2018
Taken by Gerry VE4GKS

Meeting opened 00:30

Introductions as usual.

Treasurer's report – rent is up – new location, but we made money last year.

Discussion on getting new members – possibly contacting graduates of courses. Also thinking of plans for a week of activities next year between Field Day and Canada Day.

Jeff gave ARES report – not as many volunteers as desired. Parkinson's Walk & scouts Wilderness Challenge later this month.

Adam says little happening in the DX area.

VE4HK presented VE4SN with a certificate of appreciation for all his work on the 2 meter nets.



The 50/50 gave \$16.50 to somebody, but Ruth didn't give me the call.

Following a short coffee break, there were 3 presentations:

- 1) Jeff Dovyak gave a presentation about ARES
- 2) VE4HK, Dick, gave a talk about the repeater system
- 3) VE4HAY, Derek, gave a talk about WSC.

3 Contest Calendar - Summer Dates

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

October 2018

IQRP Quarterly Marathon

0800Z, Oct 1 to 2000Z, Oct 7
ARS Spartan Sprint 0100Z-0300Z, Oct 2
Phone Fray 0230Z-0300Z, Oct 3
German Telegraphy Contest 0700Z-1000Z, Oct 3
CWops Mini-CWT Test 1300Z-1400Z, Oct 3
and 1900Z-2000Z, Oct 3
and 0300Z-0400Z, Oct 4

432 MHz Fall Sprint 1900 local - 2300 local, Oct 3
UKEICC 80m Contest 2000Z-2100Z, Oct 3
NRAU 10m Activity Contest 1700Z-1800Z, Oct 4 (CW)
and 1800Z-1900Z, Oct 4 (SSB)
and 1900Z-2000Z, Oct 4 (FM)
and 2000Z-2100Z, Oct 4 (Dig)

SARL 80m QSO Party 1700Z-2000Z, Oct 4
SKCC Sprint Europe 1900Z-2100Z, Oct 4
NCCC RTTY Sprint 0145Z-0215Z, Oct 5
NCCC Sprint 0230Z-0300Z, Oct 5
YLRL DX/NA YL Anniversary Contest 1400Z, Oct 5
to 0200Z, Oct 7

TRC DX Contest 0600Z, Oct 6 to 1800Z, Oct 7
Microwave Fall Sprint 0800 local - 1400 local, Oct 6
Oceania DX Contest, Phone 0800Z, Oct 6
to 0800Z, Oct 7
Russian WW Digital Contest 1200Z, Oct 6
to 1159Z, Oct 7

International HELL-Contest

1600Z-1800Z, Oct 6 (80m)
and 0900Z-1100Z, Oct 7 (40m)
California QSO Party 1600Z, Oct 6 to 2200Z, Oct 7
FISTS Fall Slow Speed Sprint 1700Z-2100Z, Oct 6
SKCC QSO Party 1800Z, Oct 6 to 1800Z, Oct 7
RSGB DX Contest 0500Z-2300Z, Oct 7
UBA ON Contest, SSB 0600Z-0900Z, Oct 7
Peanut Power QRP Sprint 2200Z-2359Z, Oct 7
RSGB 80m Autumn Series, CW 1900Z-2030Z, Oct 8
10-10 Int. 10-10 Day Sprint 0001Z-2359Z, Oct 10
NAQCC CW Sprint 0030Z-0230Z, Oct 10
Phone Fray 0230Z-0300Z, Oct 10
CWops Mini-CWT Test 1300Z-1400Z, Oct 10
and 1900Z-2000Z, Oct 10
and 0300Z-0400Z, Oct 11

NCCC RTTY Sprint 0145Z-0215Z, Oct 12
NCCB Sprint 0230Z-0300Z, Oct 12
Makrothen RTTY Contest 0000Z-0800Z, Oct 13
and 1600Z-2400Z, Oct 13
and 0800Z-1600Z, Oct 14

Nevada QSO Party 0300Z, Oct 13 to 2100Z, Oct 14
Oceania DX Contest, CW 0800Z, Oct 13
to 0800Z, Oct 14

QRP ARCI Fall QSO Party 1200Z, Oct 13
to 2359Z, Oct 14

Scandinavian Activity Contest, SSB 1200Z, Oct 13
to 1200Z, Oct 14

SKCC Weekend Sprintathon 1200Z, Oct 13
to 2400Z, Oct 14

Arizona QSO Party 1600Z, Oct 13 to 0600Z, Oct 14
and 1400Z to 2400Z, Oct 14

Pennsylvania QSO Party 1600Z, Oct 13
to 0500Z, Oct 14
and 1300Z-2200Z, Oct 14

FISTS Fall Unlimited Sprint 1700Z-2100Z, Oct 13

South Dakota QSO Party 1800Z, Oct 13
to 1800Z, Oct 14

PODXS 070 Club 160m Great Pumpkin Sprint
2000Z, Oct 13 to 2000Z, Oct 14

UBA ON Contest, CW 0530Z-0800Z, Oct 14

UBA ON Contest, 6m 0800Z-1000Z, Oct 14

4 States QRP Group Second Sunday Sprint
0000Z-0200Z, Oct 15

ARRL School Club Roundup 1300Z, Oct 15
to 2359Z, Oct 19

Telephone Pioneers QSO Party 1800Z, Oct 15
to 0300Z, Oct 16

Phone Fray 0230Z-0300Z, Oct 17

CWops Mini-CWT Test 1300Z-1400Z, Oct 17
and 1900Z-2000Z, Oct 17
and 0300Z-0400Z, Oct 18

RSGB 80m Autumn Series, Data 1900Z-2030Z, Oct 17

NCCC RTTY Sprint 0145Z-0215Z, Oct 19

NCCC Sprint 0230Z-0300Z, Oct 19

Araucaria World Wide VHF Contest
0000Z, Oct 20 to 1600Z, Oct 21

JARTS WW RTTY Contest 0000Z, Oct 20
to 2400Z, Oct 21

10-10 Int. Fall Contest, CW 0001Z, Oct 20
to 2359Z, Oct 21

New York QSO Party 1400Z, Oct 20 to 0200Z, Oct 21

Stew Perry Topband Challenge 1500Z, Oct 20
to 1500Z, Oct 21

Worked All Germany Contest 1500Z, Oct 20
to 1459Z, Oct 21

Feld Hell Sprint 2000Z-2359Z, Oct 20

Asia-Pacific Fall Sprint, CW 0000Z-0200Z, Oct 21

UBA ON Contest, 2m 0700Z-1000Z, Oct 21

Illinois QSO Party 1700Z, Oct 21
to 0100Z, Oct 22

RSGB RoLo CW 1900Z-2030Z, Oct 21

Run for the Bacon QRP Contest 0100Z-0300Z, Oct 22

SKCC Sprint 0000Z-0200Z, Oct 24

Phone Fray 0230Z-0300Z, Oct 24

CWops Mini-CWT Test 1300Z-1400Z, Oct 24
and 1900Z-2000Z, Oct 24
and 0300Z-0400Z, Oct 25

RSGB 80m Autumn Series, SSB 1900Z-2030Z, Oct 25

NCCC RTTY Sprint 0145Z-0215Z, Oct 26

NCCC Sprint 0230Z-0300Z, Oct 26

CQ Worldwide DX Contest, SSB 0000Z, Oct 27
to 2400Z, Oct 28

ARRL EME Contest 0000Z, Oct 27
to 2359Z, Oct 28

Phone Fray 0230Z-0300Z, Oct 31

CWops Mini-CWT Test 1300Z-1400Z, Oct 31
and 1900Z-2000Z, Oct 31
and 0300Z-0400Z, Nov 1

UKEICC 80m Contest 2000Z-2100Z, Oct 31

Continued...

Contest Calendar Continued...

November 2018

NRAU 10m Activity Contest

1800Z-1900Z, Nov 1 (CW)
and 1900Z-2000Z, Nov 1 (SSB)
and 2000Z-2100Z, Nov 1 (FM)
and 2100Z-2200Z, Nov 1 (Dig)

SKCC Sprint Europe 2000Z-2200Z, Nov 1
NCCC RTTY Sprint 0145Z-0215Z, Nov 2
NCCC Sprint 0230Z-0300Z, Nov 2
IPARC Contest, CW 0600Z-1000Z, Nov 3

and 1400Z-1800Z, Nov 3
Ukrainian DX Contest 1200Z, Nov 3
to 1200Z, Nov 4

ARRL Sweepstakes Contest, CW 2100Z, Nov 3
to 0300Z, Nov 5

IPARC Contest, SSB 0600Z-1000Z, Nov 4
and 1400Z-1800Z, Nov 4

EANET Sprint 0800Z-1200Z, Nov 4
High Speed Club CW Contest 0900Z-1100Z, Nov 4

and 1500Z-1700Z, Nov 4
ARS Spartan Sprint 0200Z-0400Z, Nov 6

The Winnipeg Seniors Citizens Radio club (VE4WSC)

Is now open Saturdays 9:30 AM - 2:00 PM

The club is also open Monday – Friday from 10:00am – 2:00pm (could be earlier; could be later)

Members and Non-members (visitors & guests) are invited to come down and use the facilities and the radios. Have a coffee and talk with your fellow hams. There is free Wi-Fi, a television (local digital), North America telephone calling, a work shop with some tools and test equipment and of course HF, VHF & UHF radios waiting for an operator.

Anyone who wants to start a group project is encouraged to contact the WSC executive and schedule the event so that we are not double booking the facilities. The current calendar of events is on the VE4WSC web site - <http://www.ve4wsc.ampr.org/>

Free parking as long as you are either behind the build or along the fence, as long as you directly behind and within the edges of the building you are ok to park. Sign in upstairs and record your plate number. Parking is also available on the street (check signs for hours).

WARC Monthly Meeting Dates & Location

**NOW—Second TUESDAY of each month
Sept to June 7:30 PM**

**At the Royal Canadian Legion Branch 252, also
known as the South Osborne Legion, located at
426 Osborne Street.**

Spotlight On: Terry Lowen VE4TLL By David VE4DAR

Since regulars on the Morning Net know he's usually the last check-in, it's not surprising that I caught Terry Lowen VE4TLL at the end of the Seniors' Picnic for an interview!



What got you interested in amateur radio? "In 1958, I visited my friend VE4FK and learned about ham radio, but I didn't do anything about it until 2004. That's when I visited the fire hall (Seniors Club). I took their Basic Course and got my licence in 2004. I didn't have an Elmer."

Build your own or buy commercial equipment? "I bought a 2m handheld and a 2m base/mobile station."

Any contacts or moments that stand out? "Nothing really. I did IRLP for a while. I think I might get back into it."

What have you gotten out of ham radio? "I've made some friendships. At the fire hall I was friendly with Sandy Sandwith VE4SZ."

Any part of ham radio that interests you particularly? "I'd like to do HF, but I need to upgrade my licence."

Public service? "Nothing through ham radio." (David's note: As a member of the Manitoba Fire Commissioner's Office, Terry inspected elevators and public amusement rides to ensure the public's safety.)

Advice for new hams? "It's a good hobby. You don't have to leave home to have fun. It's lots of fun."

Future of amateur radio? "I hope it continues. It seems to go in waves; up and down. A good hobby, which isn't publicized enough."

Thanks for this, Terry.



Are you a
RAC member??

<http://www.rac.ca>

***RAC-Bulletin Presentation of RAC
Amateur of the Year Award for 2017:
Don Studney, VE7DS and Keith Witney,
VE7KW***

For immediate release:

<https://wp.rac.ca/presentation-of-rac-amateur-of-the-year-award-for-2017/>

On September 11, 2018, RAC Director Allan Munnik, VA7MP/VE7RMP (British Columbia & Yukon Region) presented the RAC Amateur of the Year Award for 2017 to Don Studney, VE7DS and Keith Witney, VE7KW, on behalf of Radio Amateurs of Canada.



Photo: RAC Director Allan Munnik, VA7MP/VE7RMP (left) presents the RAC Amateur of the Year Award for 2017 to co-recipients Don Studney, VE7DS and Keith Witney, VE7KW at the Orca DXCC meeting.

The intention of the RAC Amateur of the Year Award is to recognize an individual who has made an outstanding contribution to Amateur Radio in the past year or has contributed consistently to the welfare of Amateur Radio over a period of several years.

Don and Keith richly deserve the award for their outstanding work on the VE100VIMY project in which Canadian special event stations were operated across Canada during 2017 and a special event station using call sign TM100VIMY was operated at Vimy Ridge in France during commemorative ceremonies. In total, this project required planning and work over six years. Don and Keith deserve our gratitude for their perseverance and dedication.

The presentation was held during the regular monthly meeting of the Orca DX and Contest Club (ORCA

DXCC) in Delta, British Columbia. The Orca DXCC was established in 2010 and is open to all Amateur Radio operators with an interest in HF DXing and contesting; Don and Keith are both members.

Before presenting the plaques, Director Munnik outlined the history of the Award and the Canadian Amateurs who previously received this honour. The Award was created in 1976 by the Canadian Radio Relay League, one of the two societies that formed Radio Amateurs of Canada 25 years ago.

Ed Frazer, VE7EF, former RAC Director for the British Columbia / Yukon Region and former Chair of Trustees for the Canadian Amateur Radio Hall of Fame, assisted with the presentation and will be preparing an article about the presentation for the November-December 2018 issue of The Canadian Amateur magazine.

For the complete story on the VE100VIMY campaign and on the RAC Amateur of the Year Award for 2017 please visit: <https://wp.rac.ca/canadian-radio-amateurs-of-the-year-for-2017/>

For more information on the RAC Amateur of the Year Award please visit: <https://wp.rac.ca/rac-amateur-of-the-year/>

Glenn MacDonell, VE3XRA
RAC President and Chair

WARC's Fall Flea Market

**Sunday, October, 2018, at
Heritage Victoria Community Centre,
950 Sturgeon Rd, Winnipeg MB.**

Doors open for EyeBall contacts at 8:30

Admission is \$ 5.00

Coffee/Tea & Pastries will be available

Vendor Setup will begin at 9:30

Doors open for the flea market at 10:00

(New TIME)

Prize Draws will be held at 11:30

**1 Door Prize \$ 100 and 1 Door Prize of \$ 50
Plus our 50/50 Draw**

**For tables 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.**

Winnipeg Digital Radio Group's VA4WAN Project.

By Derek, VE4HAY

There is a group of people who have been busy for the last 5+ years slowly building a network of amateur radio sites around Winnipeg. This is something that has not been done in Winnipeg before and is only now slowly being done in other parts of the continent. What makes this project unique is the way that it is being done. This project is an open system with a low cost entry point into for users. Our main goals on this project were; to use Amateur Radio frequencies only (not consumer or unlicensed frequencies), to build something that could be used securely by ARES, to provide something that Winnipeg's amateur radio community to use for amateur radio activities and most importantly to utilize the 44 dot IP address assigned to amateur radio.

Other groups have developed Amateur Radio Digital Emergency Networks (ARDEN) with modified router software. Some have developed mesh networks using consumer routers and going by different names – HSMM or Hamnet. Our project is much more.

I am talking about the VA4WAN project, part of the Winnipeg Digital Radio Group. This started out as a High-Speed Multimedia Radio (HSMM) initiative that seeks to combine the experimentation, education, and community service of the amateur radio field with the high speeds and flexibility of IP networking, but has really grown into a full-fledged intranet for ham radio. The network is getting faster and faster every year. We are achieving speeds that a typical person can not get at home from Shaw or MTS. The number of ways that amateurs can communicate on the network is almost endless - Voice, Data, Video or almost any other method. By the end of this year, it is hoped that the entire City of Winnipeg will be covered with redundant connections. The network is closed to amateur radio users only. We are using only frequencies assigned to amateur radio and not shared with consumer routers -2.3 GHz, 3.5GHz, 5.8GHz and 24GHz. We are using standard 802.11 protocols, the same as on your home router. We have been achieving uptime connections of about 98% depending on where you are located in Winnipeg. We have partnered with some great amateur radio operators who have provided us with tremendous access to a data centre for processing power and to unprecedented access to the actual internet. Not just a connection through MTS or Shaw, but the same type of connection that MTS or Shaw has, directly on the internet. We have applied for and have been granted a bank of IP address in the IPv4 Class A range starting with 44.135.116.0/22 & 44.135.120.0/24 & 44.135.121.0/24

This network is providing web hosting for WARC, MRS, VA4WAN, VE4WSC & WDRG. The network is providing IRLP connectivity for VE4WSC, WACR and UMARS. As well as connectivity for DMR repeaters, Echo link repeaters, D-Star repeaters, Fusion repeaters

and Allstar repeaters. WSC is even running a remote HF rig through the network. The network is providing access for video cameras at various locations in Winnipeg. The network is providing telephony access to any amateur who wants to connect to the Public Switched Telephone Network (PSTN) with an assistant, which can look up extension numbers from a list of registered hams by callsign area and callsign. Our main number is 204-666-hams (4267). Go ahead and give it a call. Look up my callsign up and give me a call (during reasonable hours), I'll receive it over the air direct to my home PBX. Recently we have tied in Google assistant to the network to provide voice activated connections and activity on the WARC IRLP node and an experiment. Key up VE4CNR repeater and key in the "A" for assistant on your key pad, then ask it a question or to connect to a node.

Because the network is designed as an intranet, groups like ARES can connect and the network can provide them with private communications in the event the actual internet goes down. Emails, telephone calls, files can all be exchanged between sites without going out of the network. And with our connection to the internet, the communication area is endless.

The main people in the project are;
William Franzin, VE4VR – project originator
Derek Hay, VE4HAY – project originator

Key people who helped install, design, configure and maintain the project are;
Colin Stanners, VE4CST
Dan Keizer, VE4DRK

Key people who helped to secure site locations and or infrastructure are;
Jim Sutton, VE4SIG
Les Bester, VA4LES
Robert Keizer, VE4RLK

The small group of amateur radio operators above created, installed and are maintaining the network, almost entirely with their own money. As this is a project of the WDRG, insurance is covered by the group and all users are encouraged to join WDRG. <http://ve4wdr.org/> Along with insurance, only two small items were funded by WDRG membership for now. We did not want to burden WDRG with the initial cost to build this network out.

The network is not intended to replace anyone's internet access, but rather to compliment it and separate ham activities from normal household internet usage. We strongly discourage band width hogging activities like Netflix, and encourage connections between hams, ham sites and ham activities.

The network is not intended to replace anyone's internet access, but rather to compliment it and separate ham activities from normal household internet usage. We strongly discourage band width hogging activities like Netflix, and encourage connections between hams, ham sites and ham activities. Continued.....

⁷ *Winnipeg Digital Radio Group's VA4WAN Project Continued...*

There is still a lot of work to be done on the network, but most of this can be done in the background, while the network is up and running. Two years of planning has taken us to the point where we will soon be providing OSPF (over shortest path first) on our links. This will provide redundant linking between sites if we lose a radio or a link. A captive portal (just like when you connect in a hotel) will be installed shortly that forces anyone connecting to the network, to agree to our terms of use and limits their access, until we can verify they are indeed an amateur radio operator, and then we register their radio to the network and grant them full access. A DHCP server will be centrally located and will offer long term leases to each connection, which will basically end up being almost like a static address. Basically, your IP should not change once it is assigned.

Our last site in St. James will be installed this summer

and plans are in the works for Woodlands & possibly Selkirk for next year. We would like to start working with the MRS to provide linking to their network of repeaters. In fact we would like to work with any repeater owner and provide wide area linking to their repeaters, either via a VPN tunnel, or directly connected to our network. Imagine any repeater in Manitoba being able to communicate and link to any other repeater in Manitoba or to the thousands of repeaters over the world linking via radio over internet protocol (ROIP).

A lot of interest in this project is coming from newly licensed amateur radio operators. The new Hams are the future of our hobby and it is encouraging to see them interested in this project. Where will this project go in the future? Well, we don't know but, we do know that the way it is being built, will allow it to expand and grow as the needs grow. We have achieved our main goals as stated above. Now we need the amateur Radio community to join in and help us take this network to wherever Winnipeg wants it to go.



Our network topography map once the STJ site comes online

As you can see all sites (except UofM) have two connection points so if a link radio fails for any reason, the site should still be connected.

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Winnipeg ARES
Jeff Dovyak VE4MBQ
ve4mbq@rac.ca

Fifteen Winnipeg ARES members provided on-call services for sixteen weeks for VE4WWO in the Prairie and Arctic Storm Prediction Centre (PASPC) during the Summer Severe Weather Season (typical on-call shifts are 0930-1730h or 1730-2130h Mon-Sun). We attended VE4WWO four (4) times on a non-emergent basis (mainly for familiarization visits or station checks) but VE4WWO was active for seven hours SUN 17 JUN during the Manitoba Marathon. There were three (3) documented severe weather activations ranging 2 hrs (29 MAY) to 9 hours duration (14 JUL). The VE4MAN repeater in Starbuck at the CBC transmitter site was utilized for at least four (4) hours during Severe Weather Nets 29 MAY and 01 JUL. We really need more CANWARN Net Controllers. For 2018 the fifteen Net Controllers who took a shift or shifts were:

VA4MAC

VE4s EH, WX, VD, DWG, DLA, HK, CDM, GWN, LDI, RCA, JS, GKS, SIG and MBQ.

Sixteen Winnipeg ARES members and affiliates provided volunteer Public Service Communications SAT 15 SEP at the Parkinson SuperWalk held at Canadian Mennonite University. Thanks to Dick VE4HK for co-ordinating this event and thanks to our volunteer operators:

VE4s BOY, GWN, MMG, VD, JAH, RCA, CDM, MWH, GKS, DJS, VID, KAZ, JFK, HK
 VA4s VMM, RWT.



Winnipeg ARES volunteers for
 2018 Parkinson SuperWalk
Photo Credit Debbie Frankel

Several Amateurs have helped us out in the recent past by way of donation of time or hardware, thanks to Walter Bezpalko VE4VB, Tom Mills VE4SE and Norm Coull VE4EH.

Amateur Radios, Antennas, and more ...
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 Contact George Hill, VE4GDH

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

MAJ Chris Lunney Detachment Commander CF Domestic Operations gave us a very interesting presentation on Domestic Operations at the SEP general Meeting. A couple of Wpg ARES members were supposed to support Manitoba ARES during a rural municipal exercise in late SEP but ultimately our support was not required. Wpg ARES involvement with Wilderness Challenge 29, 30 SEP is still happening but due to low ARES volunteerism there will be a mix of Amateur and commercial radios utilized.

Kent Haase VE4KEH our long-time webmaster is stepping down. Thanks to Kent for many years of service to Winnipeg ARES! Our new webmaster will be introduced next month.

Our next General Meeting is TUE 16 OCT 1900h at Sir Wm Stephenson Library 765 Keewatin Street. Bob Poirier VE4RCA will be giving us a presentation on Mission Planning and the Orders Format. At the conclusion of our OCT Business Meeting, nominations will open for the 2018-19 Winnipeg ARES Executive. Nominations close THU 15 NOV.

RAC/ARES NATIONAL EMCOMM FREQUENCIES		
SSB	Frequency	Tactical
75M - LSB	3.675 MHz	Alfa
40 M - LSB	7.135 MHz	Bravo
20 M - USB	14.135 MHz	Charlie
17 M - USB	18.135 MHz	Delta
15 M - USB	21.235 MHz	Echo
10 M - USB	28.235 MHz	Foxtrot
CW	Frequency	Tactical
80 M	3.535 MHz	Golf
40 M	7.035 MHz	Hotel
20 M	14.035 MHz	India
17 M	18.075 MHz	Juliette
15 M	21.035 MHz	Kilo
10 M	28.035 MHz	Lima
Digital	Frequency	Tactical
80M	3.596 MHz	Mike
40 M	7.096 MHz	November
40 M	7.096 MHz	November
20 M	14.096 MHz	Oscar
17 M	18.096 MHz	Papa
15 M	21.096 MHz	Quebec
10 M	28.096 MHz	Romeo

Do You Want To Build A Magnetic Loop Antenna???

Ron VE4PL would like to hear from anyone wanting to build a magnetic loop at the Seniors sometime in October. Some free parts available will try to arrange a time and day suitable for most or on a one on one session .

If interested please contact Ron during the Morning Net weekdays at 9:00 AM on VE4WPG, or call Ron at 204-615-0898.



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 Expire December 31

You Can Renew Today On-Line

VE4GIM repeater in Gimli will be removed from service, as of Friday, September 28 for maintenance and upgrades. Return to service is presently unknown. Read the WARC Newscaster, or listen to the 2 meter nets for updates.

The Manitoba Repeater Society regrets any inconvenience this may cause.

Dick Maguire VE4HK
Secretary

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)

On the World Wide Web....

Gerry VE4GKS passed on this HF SSB Users Guide

<https://www.sgcworld.com/Publications/Books/hfguidebook.pdf>

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