

The

NEWSCASTER

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

February 2015

Facebook Winnipeg Amateur Radio Club - VE4BB Twitter @ve4bbwarc

VE4BB

DMR Radio By Rob Boux VE4RRB

Date: Monday, February 9, 2015

Time: 7:30 PM

Place: Dakota Collegiate - Theatre See you there!

661 Dakota Street (At Beliveau Rd.)

Other Important Dates...

Newscaster: Deadline February 25, 2015

WARC: Monthly Meeting Dates...

> March 9, 2015 April 13, 2015

WSC: 2nd Thursday of month

Breakfast - Garden City Inn

ARES: Tuesday, February 17, 2015

Sir Wm Stephenson Library

765 Keewatin Street -

Winnipeg ARES members will be presenting on Klondike Derby

Other: **WARC Spring Flea Market**

Sunday, April 12, 2015

WARC Executive for 2014-2015...

President David Latour ve4dla@gmail.com Vice-Pres. Ross Gibson rossg@prefixservice.com Treasurer **Bob Jacobs** rcjacobs@hotmail.ca Gerry Sherman ve4gks@shaw.ca Secretary Membership Ross Gibson rossg@prefixservice.com

Programs Vacant

Past President Garth Blumm ve4gwb@gmail.com

Fearless Leader's Comments...

Welcome to February! No-one would believe the recent weather if they hadn't been here to see it. I suspect that it will be gone and forgotten by the time you read these words. I hope it got lots of hams out to Work all Winnipeg, though.

I did better than I thought, adding 8 new contacts on simplex. I used three radios to accomplish the task: a Kenwood 7800 2m running 25W through a window-line j-pole at 5m height, an ICOM TH7 on vhf running 5W into an aluminum pipe j-pole at 2 meters height and a TYT UV3R HT dual-bander with stock ducky putting out 3W on vhf and 2W on uhf. All were worked from static locations in the West End.

What this experience has shown me is that a simplex world is a very quiet world. It requires dedicated effort, good equipment and good luck to make contacts by this method.

It makes me very happy that the dedicated members and technical volunteers of the Manitoba Repeater Society have given us all an excellent way of having more effective communication day-to-day.

Please take time now to either become a member of the Manitoba Repeater Society, or renew your membership, and support this useful and hardworking crew of fellow hams.

David Latour VE4DLA WARC President

Manitoba Repeater Society

Memberships expired December 31. You can renew your MRS membership or Join MRS using PayPal at ...

http://www.mb-repeater-society.ca/membership.html

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

WARC Meeting Minutes, January 12, 2015 Taken by Bob VE4RCJ

Minutes of WARC Meeting Jan 12 2015

Meeting called to order by President VE4DLA at 0735 PM

Acceptance of previous meetings minutes moved by VE4CK. Seconded VE4HAY. Carried.

Treasurer's report:

 Cash Dec 1
 \$ 10264.02

 Expenditures
 \$ 198.90

 Income
 \$ 20.39

 Cash Balance Dec 31
 \$ 10184.63

Membership:

Existing 79 plus 2 new.

Education:

BSC 9 begins April 11 for 5 Saturdays Registration available on line shortly. Eight signed up so far.

David VE4DAR will be giving a presentation to JB Mitchell school.

ARES

A comprehensive Winnipeg ARES report was included in the JAN newsletter.

We are still recruiting volunteer operators for Scouts Canada Klondike Derby at Camp Amisk 07 & 08 MAR - this is an all-weather event that requires Amateur Operators to be outside approximately 8 hrs SAT & SUN. Registration closes TUE 03 FEB and we will brief this event at the 17 FEB Winnipeg ARES General Meeting. So far we have 9 volunteers, need at least 15.

Registration is now open for Amateur Operators for the 2015 Manitoba Marathon SUN 21 JUN. Volunteer briefing is TUE 16 JUN 1900h at Norwood CC 87 Walmer, although the briefing itself starts at 1900h, t-shirt & document distribution begins at 1815h. Details & online registration URL can be found in the newsletter (Thanks to Mark VE4MAB for enabling on-line registration). So far we have 25 volunteers.

Airforce Run. No recruiting yet.

DX

Adam VE4SN reports that the IOTA contest is coming up soon. Both 10 and 15 metres can be very active.

Rolf VE4VZ reports that 10 metres is very active in the middle of the day to South America.

Flea Market:

April 12 Heritage Victoria Community Club. Doors open for coffee and muffins 0930. For shopping 1030. Tables available from Ruth VE4XYL.

Raffle:

Prize ID-51 or \$500.00 Cash. Tickets now available. \$5.00 each or 3 for \$10.00.

New Business:

VE4HAY reported that the data throughput on the HSM network has been improved. William VE4VR is still looking to make a group purchase. For anyone interested in purchasing the Ubiquiti Nanostation 2 units you can PayPal wfranzin@shaw.ca with \$35 x number of units you want.

We need more people on the executive. In order to hold an executive meeting a quorum of 4 is required. Given that we only have 5 on the executive this can be difficult. We should also consider reducing the required quorum to three.

Rolf VE4VZ volunteered to join the executive. Thanks Rolf.

We need a new program director. The previous program director was unable to continue due to personal considerations. The program director does not have to be a member of the executive.

We need a press officer. It is necessary for stories such as ARES receiving the Wing Commanders citation to receive wider distribution. VE4MBQ suggested that it may be possible for the press officer from ARES to cooperate with the press officer from WARC. Perhaps the same individual.

The executive proposes that the club start a lending library. In particular the library should emphasize books and publications of construction projects and procedures and on new techniques of communication as they apply to amateur radio.

Rolf VE5VZ volunteered to provide help to new amateurs who are beginning new projects.

The bank of equipment that is available to WARC members now consists of:

- 1.Climbing Harness
- 2. Four Hard Hats
- 3. Gin Pole. (Thank-you VE4HK)

Earlier in the year the club embarked on a project to obtain a new field day antenna. Luckily two antennas

3 have been donated. They consist of a:

1.Gap Titan vertical.2.Five element beam.

Both will need to be inspected before field day. Certainly a project for warmer times.

Shaftsbury High School is looking for a pair of Elmers for the telebridge project. They would be trained as telebridge operators in the unlikely event that no trained students or teachers are available.

If interested please contact Adrian Deakin at 204-888-5898 ext. 2050 or at

http://mrdeakin.pbworks.com

There will be a Worked All Winnipeg weekend Jan 23-24-25. Now is the time to win that award you have been thinking about and time for all amateurs to have their radios monitoring 146.52.

As a way of increasing interest in Amateur Radio and in particular VE4 land it was suggested that a Manitoba OSL party be organized. Anyone interested??

Adjournment moved by VE4HAY at 0835.

Nostalgia Radio CJNU 93.7

CJNU 93.7 FM is where you'll hear the very best easy listening music that has been popular over the past eight decades!

Ed VE4YU, at the controls!



Listen On-Line at ... http://www.cjnu.ca

Worked All Winnipeg Award QSO Party By Dick VE4HK

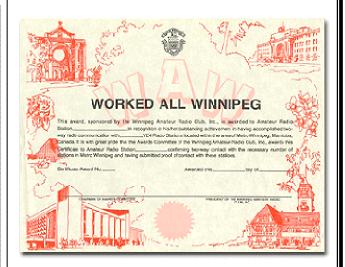
Did you work at least 25 different stations within the City of Winnipeg on the weekend of January 23, 24, and 25? Do you have a burning desire to have a beautiful certificate, worthy of your achievement?

Simply record all your contacts in a log, including stations worked, times (indicate whether local or GMT), and frequency. Have two other hams sign your log, to certify it is complete and correct. Next, dig a toonie out of your pocket, for postage and/or handling, and deliver your log to Dick VE4HK.

If you did not work enough stations on the weekend, you can still earn your certificate. Just find other stations, and ask them to QSY to a simplex channel, and make a 2 way contact.

Your log can be mailed to the Winnipeg Seniors, 598 St Marys Road, R2M 3L5, attn.: Dick Maguire VE4HK. Alternatively, track me down at coffee on Saturday morning at the Golden Arches, at WARC meetings, WARES meetings, or other QTH's where hams congregate.

In response you will receive a beautiful signed certificate as testimony of your achievement.



If anyone has any questions, please contact me on VE4WPG repeater, or ve4hk@rac.ca

73 and good luck in the contest

Dick Maguire VE4HK WAWA Coordinator

Winnipeg Amateur Radio Club Spring Flea Market By Dick VE4HK

What is it? It's not a bird, it's not a plane, it's not Superman. It is the Winnipeg Amateur Radio Club Spring Flea Market.

When is it?

Sunday, April 12, 2015

The big event begins at 9:30 am, with tasty coffee, delicious muffins, and exciting conversations. Vendors will set up their tables groaning with goodies we cannot live without at 9:45 am. The stampede of frenzied buyers will begin at 10:30. Prize draws will start at 11:30 am

Where is it? Our favorite Flea Market location..

Heritage Victoria Community Centre 950 Sturgeon Road

Do you have a plethora of stuff cluttering up your hamshack? Is it time to downsize? Do you need money to buy new toys? Is your better half threatening to exile you to the garden shed? If you answer "YES" to any of these questions, better book a table for the Flea Market.

If you need a table, phone or e-mail Ruth VE4XYL 204-837-6915 or ve4se@mymts.net.

Tables are only \$5.00 each for WARC members, and \$10.00 for everyone else.

The Flea Market will be your last chance to purchase tickets for the WARC Icom ID51 Anniversary Edition DSTAR handheld. This is a special white handheld, with only a handful available in Canada. Tickets are \$5.00 each, or 3 for \$10.00. WARC uses the money raised with the raffle to pay for club insurance.

Winnipeg ARES will have their always popular Silent Auction, with lots of great prizes. MRS will have their test equipment to check over your base or mobile or handheld radios. If you are having trouble programming your radios, bring them AND THE MANUAL, to the Flea Market. The guys will do their best to help out. You can pay your MRS membership dues while you are there.

Be sure to drop by and visit Harm VE4HAZ. He is our brand new manager for the Manitoba QSL Bureau. Pick up your QSL cards, and make sure you have money and envelopes in the Bureau, so Harm can mail your cards out later. Pick up any cards for your

friends, who cannot attend the Flea Market.

Do you have questions about DSTAR? Visit the DSTAR table and talk with the folks there. They will answer all your questions.

The cost for the Flea Market is only \$5.00 per person.

We request that you bring exact change, to speed up the process.

Bring along all your friends, to Heritage Victoria Community Centre, on April 12, for the WARC Spring Flea Market.

73

Dick Maguire VE4HK Flea Market Coordinator

Winnipeg ARES
By Jeff Dovyak VE4MBQ
ve4mbg@rac.ca

Northern & Special Projects DEC Wayne Warren VE4WR gave us in interesting presentation on the new VE4PSC station at our JAN General Meeting. Wayne and Jim VE4SIG are collaborating on Instructions for VE4PSC similar to Instructions for VE4EMO.

President Jim VE4SIG is polling the membership with regard to establishment of an on-line discussion group for Winnipeg ARES members. Jim is also trying to get Winnipeg ARES qualified with Yaesu to be able to purchase a Yaesu "Fusion" repeater to possibly replace one of our existing repeaters.

We can still use a couple of volunteers for Scouts Canada Klondike Derby 07, 08 MAR at Camp Amisk. This is an all-weather outdoor event so if you can't be out in the cold all day or can't walk thru 1.5 km of snow this event is not for you.

Our next General Meeting is TUE 17 FEB 1900h Sir Wm Stephenson Library 765 Keewatin Street. Several Winnipeg ARES members will be presenting on Klondike Derby.

2015 Manitoba Marathon Volunteer Application

The Manitoba Marathon is Sunday, June 21, 2015, and the Amateur Radio Volunteer form is on-line -

http://winnipegarc.org/marathon.html

5 Winnipeg's HSMM project is off the ground By Derek VE4HAY

After the initial purchase of equipment and many hours of setting up equipment, we now have our network on the air and connected to the internet. From this point on, we can only improve on what we have so far

We are what we believe to be the only group in Canada using the "Class A" 44dot IP addresses assigned to Amateur Radio and being directly connected to the internet. This is truly a great accomplishment. Now we need to deice what we are going to do with this network.

We are now ready to hold our first meeting as a group and set our path, issue IP addresses, and set up our servers. Anyone who is interested in this is welcome to attend on

> February 22, 2015 2:00 o'clock pm Clubrooms of VE4WSC 596 St. Mary's Road

We have some defined items already that we want to follow.

We are not going to be a replacement for your conventional ISP; this is a hobby and an experimental system only.

- WPA will be applied to all radios and a key will be published.
- IP addresses will be issued to users via DHCP with a 365 day lease.
- Anyone who needs a block of IP's can be assigned them.
- Certain blocks have been placed in reserve for certain groups, administration and for testing purposes.
- Certain areas of the system will be closed to only the executive of the group.
- We would like to be able to port over all groups web pages to this system so that the group can save on their monthly fees to their ISP's.
- We plan on at the least a Web Server and an FTP server.
- Equipment donations are always welcome.

Items we are looking for are

- Ubiquiti Bullet radios (high power) No US versions 2.3-2.4 GHZ
- Ubiquiti Bridge stations 5 GHz and 2.4 GHz
- 2.3-2.4 GHz sector antennas
- Access to tall buildings out towards the outskirts of Winnipeg, so we can use to send signals back into neighbourhoods. 55 Nassau will be our hub, these will be relays.

Education By Dan VE4DPR

The Winnipeg Amateur Radio Club will be running the Basic Short Course 9 starting on Saturday, April 11, 2015.

The course has changed slightly from previous BSC classes; we will be running for 5 consecutive Saturdays (April 11, 18, 25, May 2 and 9).

The 4th Saturday will now have the regular morning class and the afternoon will be a review class. On the 5th Saturday, students will be writing the exam in the morning and the afternoon session will be a practical workshop.

These changes were made in response to feedback from previous classes.

Registration is now open to all interested at

http://winnipegarc.org/basic course.html

73

Dan – VE4DPR Chief Instructor

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/

6 Contact Calcuda		CWops Mini-CWT Test	1300Z-1400Z, Feb 25
Contest Calendar			and 1900Z-2000Z, Feb 25
Extracted From			
http://www.hornucopia.com/conte	estcal/		and 0300Z-0400Z, Feb 26
		NCCC RTTY Sprint	0145Z-0215Z, Feb 27
For February		QRP Fox Hunt	0200Z-0330Z, Feb 27
<u> </u>		CQ 160-Meter Contest, SSB	2200Z, Feb 27
North American Sprint CW	00007 04007 Eab Q		to 2200Z, Mar 1
North American Sprint, CW	0000Z-0400Z, Feb 8	UBA DX Contest, CW	1300Z, Feb 28
Classic Exchange, Phone	1400Z, Feb 8		to 1300Z, Mar 1
	to 0800Z, Feb 9	North American QSO Party, R	
ARRL School Club Roundup	1300Z, Feb 9	Titli American 250 1 arty, 1	1800Z, Feb 28
	to 2359Z, Feb 13		
NAQCC CW Sprint	0130Z-0330Z, Feb 11		to 0600Z, Mar 1
QRP Fox Hunt	0200Z-0330Z, Feb 11		
CWops Mini-CWT Test	1300Z-1400Z, Feb 11	Into March	
	1300Z-1400Z, Feb 11 nd 1900Z-2000Z, Feb 11		
l '		SARL Hamnet 40m Simulated Emerg Contest	
and 0300Z-0400Z, Feb 12		1200Z-1400Z, Mar 1	
RSGB 80m Club Championship, Data		North Carolina OSO Danty	
	2000Z-2130Z, Feb 11	North Carolina QSO Party	1500Z, Mar 1
NCCC RTTY Sprint	0145Z-0215Z, Feb 13		to 0059Z, Mar 2
QRP Fox Hunt	0200Z-0330Z, Feb 13	ARS Spartan Sprint	0200Z-0400Z, Mar 3
NCCC Sprint Ladder	0230Z-0300Z, Feb 13	AGCW YL-CW Party	1900Z-2100Z, Mar 3
CQ WW RTTY WPX Contest	0000Z, Feb 14	QRP Fox Hunt	0200Z-0330Z, Mar 4
CQ WW KITT WIA Concest	to 2359Z, Feb 15	AWA John Rollins Memorial I	
CARLETIAN Contest	,		2300Z, Mar 4
SARL Field Day Contest	1000Z, Feb 14		to 2300Z, Mar 5
	to 1000Z, Feb 15		
Asia-Pacific Spring Sprint, CW	1100Z-1300Z, Feb 14		and 2300Z, Mar 7
Dutch PACC Contest	1200Z, Feb 14	l	to 2300Z, Mar 8
	to 1200Z, Feb 15	QRP Fox Hunt	0200Z-0330Z, Mar 6
KCJ Topband Contest	1200Z, Feb 14	ARRL Inter. DX Contest, SSB	
100 Topoulu Concest	to 1200Z, Feb 15		to 2400Z, Mar 8
OMISS QSO Party	1500Z, Feb 14	Wake-Up! QRP Sprint	0600Z-0800Z, Mar 7
OMISS QSO I arry		DARC 10-Meter Digital Conte	
N H II OGO B A	to 1500Z, Feb 15	Diffice to the second second	31 11002 1.002,
New Hampshire QSO Party	1600Z, Feb 14	Cood Luck In T	ha Cantagt I
to 0400Z, Feb 15		Good Luck In The Contest!	
and 1200Z-2200Z, Feb 15			
FISTS Winter Unlimited Sprint 1700Z-2100Z, Feb 14		**********	
RSGB 1st 1.8 MHz Contest	2100Z, Feb 14		
	to 0100Z, Feb 15	4W/K7CO Dxpedition	
Run for the Bacon QRP Contest		Timor-Leste - East Timor	
QRP Fox Hunt	0200Z-0400Z, Feb 18		
_	· · · · · · · · · · · · · · · · · · ·	With ED VE4EAR Octobe	r 2014
CWops Mini-CWT Test	1300Z-1400Z, Feb 18		
	d 1900Z-2000Z, Feb 18	Check it out on YouTube -	
	d 0300Z-0400Z, Feb 19		
AGCW Semi-Automatic Key Ev	ening	https://www.youtube.com/wa	otob9v=oI n6FI PolINF
1900Z-2030Z, Feb 18		https://www.youtube.com/wa	atch: v-alportreome
RSGB 80m Club Championship, CW			
1.0 C2 33 1 F	2000Z-2130Z, Feb 19	*****	****
NCCC RTTY Sprint	0145Z-0215Z, Feb 20		
	· · · · · · · · · · · · · · · · · · ·	Six Men, Three Trucks, A	nd a Backhoe
QRP Fox Hunt	0200Z-0330Z, Feb 20	From Marty VE4MRT	
NCCC Sprint Ladder	0230Z-0300Z, Feb 20	Trom Marty / Dimiki	
ARRL Inter. DX Contest, CW	0000Z, Feb 21		
	to 2400Z, Feb 22	Erecting the base of what will be a 60' repeater tower	
REF Contest, SSB	0600Z, Feb 21	that will provide 2M ham coverage between Swan	
ŕ	to 1800Z, Feb 22	River and The Pas, Manitoba.	
SARL Youth Day Sprint	0800Z-1000Z, Feb 21		
Feld Hell Sprint	2000Z-1000Z, Feb 21	https://va4sr.wordpress.com/2014/10/06/six-men-three-	
_		trucks-and-a-backhoe/	
High Speed Club CW Contest	0900Z-1700Z, Feb 22	ti deks-and-a-backnoc/	
QRP Fox Hunt	0200Z-0330Z, Feb 25		
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Winnipeg Amateur Radio Club—Raffle By Garth VE4GWB

I am pleased to announce that WARC is celebrating Icom's 50th Anniversary by offering the well sought after ID51A Anniversary Edition HT in the spring raffle.



The Icom ID51A Anniversary Edition (white) is 1 of only 5000 made and covers VHF/UHF with built in GPS & D-STAR. If the winner prefers he or she may choose the \$500 cash option which is available again. This will make the raffle appealing to both hams and non-hams alike.

Tickets will be available starting in December and can be purchased from Garth VE4GWB, Mark VE4MAB, Glen VE4GWN and others T.B.A as you run into us at meetings, coffee etc. Tickets will also be available at Micro-Hightech Communications @ 197 Leila Ave.

The raffle is once again being held to help cover the cost of club insurance and other increased expenses over the last few years to keep the membership fees as is.

Tickets are \$5.00 each or 3 for \$10.00. The draw will take place on April 12, 2015 at the spring flea market. Full rules can be found on the WARC website. (Licence # MGCC 5179-RF)

Thank you and good luck in the contest.



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 2015 (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 http://www.mb-repeater-society.ca/ http://www.facebook.com/ManitobaRepeaterSociety

D-Star's "D-Tip" Of The Month By Mark VE4MAB

Working towards your ...

Worked All Winnipeg Award???

Don't forget that using any mode qualifies for the award as long as the contact is direct contact between 2 stations. And that includes D-Star!

One of the standard D-STAR simplex channels in use is 145.670 on VHF in DV mode. In Winnipeg we have also been using 446.575 in DV mode on UHF. So program them into your D-Star rig and include while scanning Ports B & C or call out CQ on simplex!



Introducing Kids to Ham Radio By David VE4DAR

Some readers may remember the late Vern VE4VQ. He would ask you to remove your cap at a WARC meeting. Vern and Gil VE4AG volunteered at two schools in Windsor Park teaching kids how to assemble electronic kits and helping them with their Science Fairs. Judy VE4JBN taught at Balmoral Hall, where she established a school club station and helped kids get their ticket. When Judy retired, the station was shut down.

Adam VE4SN tried to get a class and club going at the school across his street. Unfortunately, the teacher, who was interested, moved to another school the next year. Ruthie VE4CRS and I tried to start a class and club at the Gray Academy. Ruthie in her classroom and I at a classroom at Queenston School did simultaneous presentations on ham radio, and had the kids talk with each other. One boy said to a boy at the other school, "Hey, I know you. You are on my baseball team!" At Gray Academy, kids were interested but they were already involved in many other activities.

For success, a necessary prerequisite seems to be having a teacher with a ham ticket, who is willing to put in the extra effort to run a ham class and build a club. Volunteers are fine, but you still need someone on staff to "run interference."

Before I get into my recent effort, I want to acknowledge the successes by teachers at St. James School Division, Maples Collegiate, Shaftesbury High School, and perhaps other schools.

Last month, while visiting J. B. Mitchell School on another matter, I volunteered to do a presentation on Amateur Radio to a Grade 6 class. Teacher Christian Wiste said it would complement his science teaching.



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.

On January 13, 2015, 18 boys and girls watched my PowerPoint and listened while I gave an overview of our hobby. We discussed respect (careful listening; one person talks at a time), the importance of communications during emergencies; similarities of phone cells and radio repeaters.

My handout included Canada's call sign prefixes and the International Phonetic Alphabet. The kids had a great time spelling out their names.

The high point for the kids was when they got a chance to talk using my handheld.



We put out a call on VE4WPG, and Dick VE4HK answered. One by one the students gave their first name, a liked sport and favourite colour. Dick was terrific with each student. Thanks, Dick.

Perhaps you would like to try something like this at a school near you?

New QSL Manager for Manitoba

After his many years of service as QSL Manager for Manitoba Adam VE4SN has retired and passed on the duties to Harm Hazeu VE4HAZ!

Harm VE4HAZ can be reached at ve4haz@gmail.com

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ARRL's 2014 100th Anniversary Celebration Competition A Report From VE4 Land by Ed VE4YU

Well it's over!

For all those who participated in the event – Thanks for being On The Air.

ARRL decided that the anniversary would be celebrated best by encouraging all Radio Amateurs to get on the air and talk to one another or COMMUNICATE.

So it was decided to assign a point value to all members, executive, QST contributors, EC personnel etc. and, when you made two-way contacts with that ham, these assigned point values would be accumulated. For example, ARRL President, Kay Craigie, N3KN, was worth 300 points each time you contacted her on a different band /mode and I, as a Life Member, was worth 2 points.

I'm a bit fuzzy on how they kept track of all this, but, through some amazing software, your whole year's activity was measured and results made available almost real time.

Manitoba can feel very proud of these results!

In both the total points category and the W1AW/ category, three VE4s placed in the top ten in Canada and top 250 in the world.

It was a great idea that certainly created continuous activity on especially the HF bands. On January 1st, 2015, the bands were almost silent.

Thanks again to all participants worldwide who helped celebrate ARRL'S 100th birthday.

What can RAC do to celebrate it's significant dates?

Keep up that Amateur Radio Raison d'etre,

BE ACTIVE - COMMUNICATE!

73

Ed Henderson

VE4YU/VE4ZOO

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"

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!

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 the internet as the backbone!

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 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 - 4:10 PM -7,075 Khz
4:10 PM - 4:20PM -3,675 Khz LSB 5,375 USB
Manitoba IRLP Nodes - Use reflector 9003
Winnipeg VE4WSC (Node 1809) Pinawa
VE4PIN (Node 1981), Flin Flon VE5ROD
(Node 1750), DARC Swan River VE4SRR
(Node 1700)