



# The **NEWSCASTER**

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

May 2014

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VE4BB

## **Radio Sport Contesting**

*By, Manitoba DX Group  
Rob, VE4GV and Ed VE4EAR*

Date: Monday, May 12, 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, thanks to everyone who brought in projects for home brew night last month. It is always nice to see the members build and showcase their projects.

This month the Manitoba DX group will be giving us a presentation on contesting, or radio sport as it has been called. Particularly on Field Day which is only 58 days away (at time of writing) If you have never participated in a contest before come out and see what they have to say.

Next month it will be election time. Please consider stepping up and joining the executive for the 2014-15 year. See you at the May meeting.

## **From Your Editor, Mark VE4MAB**

Your monthly (Sept to June) Newscaster has been promoting all things "Ham Radio" in Winnipeg and surrounding area through the articles submitted by and with thanks to the many contributions from WARC members, as well as the many from submissions from WSC, ARES, MRS, SHARP and more!

We invite you to take advantage of this monthly venue for promoting your group's activities to the Winnipeg amateur radio community. Submit your articles, events, photos etc to...

[newscaster@winnipegarc.org](mailto:newscaster@winnipegarc.org)

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

Newscaster: Deadline May 28, 2014

WARC: Monthly Meeting Dates...  
June 9, 2014 Elections &  
Field Day Primer  
September 8, 2014 - Welcome Back

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

ARES: Tuesday, May 20, 2014  
Sir Wm Stephenson Library  
765 Keewatin Street - Briefing for  
CanWarn Net Controllers

Marathon: June 10, 2014 - Volunteer Briefing  
June 15, 2014 - Manitoba Marathon

Other: June 28 & 29, 2014 - Field Day  
July 12, 2014 - 51st Int. Hamfest  
July 25 to 27, 2014 - RAC AGM  
Aug. 15 & 16, 2014 - MARM Hamfest

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

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

## **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!*

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

## **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,  
March 10, 2014  
Taken by Doug VE4TG***

President Garth VE4GWB called the meeting to order at 7:37 PM.

Introductions by members, two new grads from recent Basic course in attendance; Don who has applied for VE4DFM callsign and Heather who has applied for VE4RRN.

***Minutes***

President moved that minutes of March meeting be accepted as read, moved by Glen VE4GWN seconded by Kevin VE4AHN. Approved by show of hands.

There were two typos in the minutes; Vera's call sign should be VA4VMM and Glen VE4GWN's name is spelled with a single "n".

***Treasures Report***

Bob VE4RCJ advised we began the month of March with a balance of \$ 7,662.15, interest earned in the amount of \$ 0.23 with debits of \$ 826.09 giving a bank statement balance of \$ 7336.06. Our PayPal balance at end of March was \$ 1373.69 and when combined with the bank account left us with a cash balance of \$ 8709.75.

***Membership***

Nothing to report

***Flea Market***

Dick VE4HK reported that everything went well with 195 tickets sold, down somewhat due to Wx and possibly the increase in admission charge may have had some effect. Robins Donuts of Waverly donated 48 muffins.

All tables sold. Durham Radio, Radio World and Fleetwood Digital supported event by contributing prizes and info materials. Prize winners are shown on WARC web site.

The next flea market will be held on Sunday Oct 19 2014. The raffle for the ICOM Radio or \$ 500 cash was won by Chris VA3ECO who took the cash.

Dick expressed thanks to the volunteers who helped make the event a success with all their hard work. Club earnings from the event will be conveyed at next month's meeting.

***Programs for May and June Meetings***

May program will feature DX Group talking about Field Day and Field Day Primer activities. The June meeting will be Elections for the Club Executive.

***Winnipeg ARES Report***

Glen VE4GWN reported that volunteer operators are still required for Manitoba Marathon to be held on Sunday 14 June, please register on-line through WARC or Winnipeg ARES web sites. The on-line registration form may have been corrupt in some instances, persons who registered on-line and did not receive an acknowledgement are asked to please re-register.

The ARES meeting to be held tomorrow night 15 April 2014 will feature a presentation by Tiffany Taylor from CoCoRaHS who will be talking about the volunteer precipitation measuring network.

***RAC Report***

No one present

***Education Report***

Vera VA4VMM reported statistics from the most recent Basic Ham Course (6). From an initial cadre of 18 students, 15 wrote the exam and 13 successfully passed. There will be another class starting in the fall; registration for this class is already at the half way point.

***DX Report***

Rolf VE4VZ reported that propagation on HF bands fell off dramatically last week with especially high noise levels on 10m and 15m. Activity on other bands was nothing spectacular.

***Field Day***

The event is booked at Manitoba Mennonite University again. Jim VE4SIG will spearhead organizing for the event with assistance from Rolf VE4VZ. Additional volunteers are sought to aid in the preparations.

Specifically volunteers with trailers are required to help move tower, antennas and other miscellaneous gear to field day site from the Prairie Mobile storage facility on Dugald Road.

In addition volunteers still required to organize food for field day supper.

***New Business***

Nothing put forward. Motion to adjourn general meeting by Glen VE4GWN.

***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

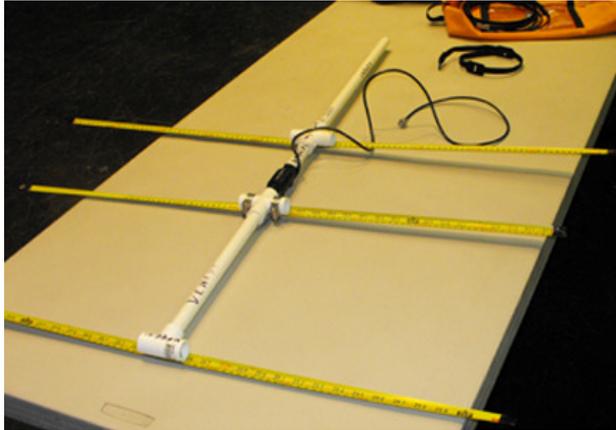
**Visit their web site..**

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

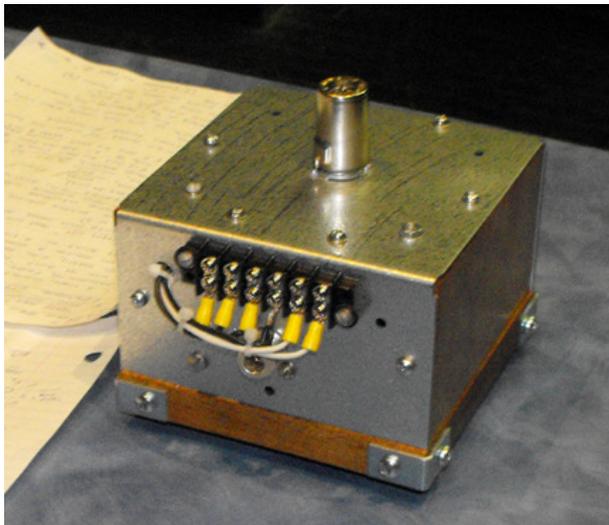
### Home Brew Projects

The evening concluded with a presentation of Home Brew projects as follows:

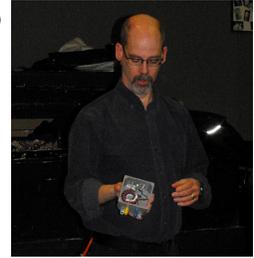
- 1. Gerry VE4GKS - presented a light-weight hand held 2m Yagi antenna featuring lengths of measuring tape as driven elements, a 2m roll up JPole antenna and a multi-function board with keyer and code reader.



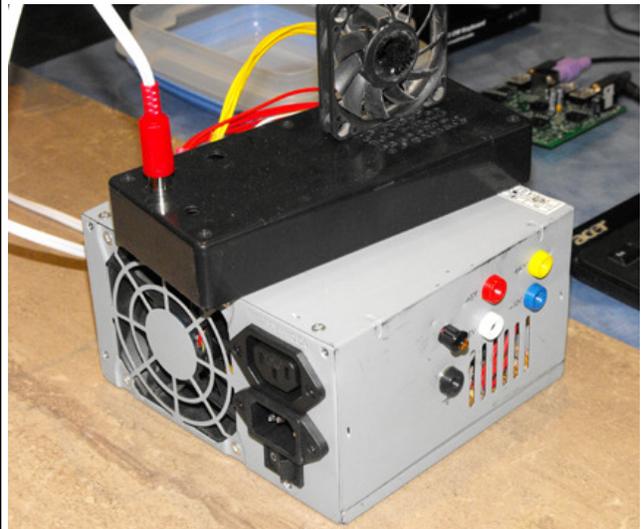
- 2. Robin VE4OI – displayed a 2.5 watt QRP CW transmitter (aka Baby Rat) for VHF and UHF bands utilizing a multi tap coil and Colpitts oscillator.



- 3. Jim VE4SIG – offered up a tri-filar transformer for use with an HF long wire antenna.



- 4. David VE4DLA – finished off with a multi-voltage power supply converted from a PC unit with 12V, 5V and optional 3V output. The unit will deliver 25 amps 12V. He also displayed a smoke dispersal 5V fan fabricated from parts salvaged from a defunct PC.



## *WARC Spring Flea Market*

*By Dick VE4HK*

The WARC Spring Flea Market was held April 13, at Heritage Victoria Community Club. It has been held there for many years. Ticket sales were 195, which is down somewhat from previous Spring Flea Markets. I attribute the decline to cold weather and icy streets, along with raising the admission charge from \$3.00 per person to \$5.00.

Everything went very well this year. The PA system sounded perfect throughout the building, when tested. That was unusual, since most years it takes considerable tweaking to get it working properly. All tables and chairs were set up on time, vendors filled their tables on time, and the buying frenzy began on time.

A major change was that Ruth Mills VE4XYL and Tom Mills VE4SE retired from making bunwiches, muffins and coffee for the Flea Market. David Latour VE4DLA took over making coffee. I was able to get 48 muffins donated by Robins on Waverley and Clarence. A group of hams goes to that restaurant every weekday for a long coffee break. Ruth VE4XYL recommended getting only 48 muffins.

VE4XYL sold all 30 tables. All vendors seemed to sell most of what they brought with them. The buyers I spoke with seemed satisfied with their purchases.

Robert VE4RCJ collected and counted all the cash at the Vendor Door and Admission door. This saved me considerable headaches. According to my figures, WARC took in over \$1200.00 at this Flea Market.

Durham Radio, Fleetwood Digital, and Radioworld all supported our Flea Market, by providing brochures

and special flyers. There was a great deal of activity around their table. Each company also donated great prizes for the prize draws.

Thank you to all the volunteers who set up the tables, looked after the Admission Door and Vendor Door, took down the tables afterwards, and especially to David VE4DLA who brewed all the coffee and sold all our donated muffins.

We are urgently looking for volunteers to look after Ruth's Kitchen for future Flea Markets. The successful applicant will be responsible for purchasing coffee, brewing the coffee early in the morning, and selling coffee and muffins during the event. Contact Dick VE4HK, if you are willing to assist with this very important part of the Flea Market.

Mark your BlackBerries, I-pods, calendars, or stone tablets for Sunday, October 19, for the Fall Flea Market.

Dick Maguire VE4HK - Flea Market Coordinator

### *Door Volunteers Spring 2014 Flea Market*

#### *Admission Door*

9:30 am-10:00 am VE4DJS Dave Stimpson  
VA4AJG Allan Grant  
10:00 am-10:30 am VE4PTH Patrick Harapiak  
VE4JUD Judy Harapiak  
10:30 am -11:00 am VE4DJS Dave Stimpson  
11:00 am-11:30 am VE4SE Tom Mills

#### *Vendor Door*

9:45 am-10:30 am VE4MMG Mariska Maguire  
VE4OAK Ed Oakes  
Ruth's Kitchen VE4DLA David Latour

#	<i>Prize</i>	<i>Donated by</i>	<i>Winner</i>	<i>Callsign</i>
1	CJNU coffee cup and pen	CJNU/VE4YU	Ian Clark	VE4CLK
2	CJNU coffee cup and pen	CJNU/VE4YU	Max Shumila (son of)	VE4RIC
3	Icom baseball hat	Radioworld	Glen Grant	VE4AIO
4	Kenwood baseball hat	Radioworld	Lorenza Schultz	VE4JLO
5	Yaesu world map	Radioworld	Kevin Munson	VE4MR
6	Yaesu mouse pad	Radioworld	Leor Drory	VE4DXR
7	Yaesu mouse pad	Radioworld	Sunday Satiada	VE4SBS
8	Yaesu log book	Radioworld	Genaro Navarette	VE4MCG
9	Icom T-shirt	Radioworld	Jim Sutton	VE4SIG
10	Kenwood water bottle	Radioworld	Gerry Sherman	VE4GKS
11	2013-14 Repeater Directory	Durham Radio	Doug Henry	VE4TG
12	2013-14 Repeater Directory	Durham Radio	Werner Schwager	VE4UA
13	2013-14 Repeater Directory	Durham Radio	Robin Oziro	VE4IO
14	\$50.00 gift certificate	Durham Radio	Walter Turchyn	VE4TUR
15	UV5R Baofeng VHF/UHF handy	Fleetwood Digital	David Rosner	VE4DAR
16	\$100.00 gift certificate	Radioworld	Ken Fry	VE4KEF
17	\$50.00	WARC	Betty Andrews	VE4BTY
18	\$100.00	WARC	Walter Lipinsky	VE4AKW

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

On behalf of the Winnipeg ARES Executive and members I would like to thank the sponsors who contributed generously to making our Silent Auction at the WARC Flea Market very successful. Thanks to:

**Donors**

Darcy Wilson VE4DDW  
 Gerald Sherman VE4GKS  
 Susan Collings VE4SYM  
 Ruth Mills VE4XYL  
 Glen Napady VE4GWN  
 Roswitha Napady VE4YYL  
 David Rosner VE4DAR  
 Richard Kazuk VE4KAZ  
 Manitoba Hydro  
 (Janet Rak & Richard Hollands)  
 City of Winnipeg Emergency Preparedness  
 Program (Randy Hull)  
 Manitoba Disaster Management Conference  
 (Randy Hull)  
 Manitoba Marathon (Shirley Lumb)  
 RCAF 17 Wing / RCAF Run  
 Canad Inns Destination Centre HSC  
 (Chrissy Bohemier)



While we couldn't run a Silent Auction without sponsors donating items we also couldn't run a Silent Auction without someone obtaining & organizing the donations and getting the lots set-up – thanks to Craig VE4CDM for Coordinating that operation and to some dedicated volunteers staffing the Winnipeg ARES Table, thanks to Craig VE4CDM, Susan VE4SYM, Garry VE4RWT and Glen VE4GWN. Congratulations to those who won the prize lots:

**Winners**

Lot 1 989766 Garth Blumm VE4GWB  
 Lot 2 989513 Dick Maguire VE4HK  
 Lot 3 989293 Rick Jones VE4AV  
 Lot 4 990995 Wayne VA4PRD  
 Lot 5 989407 Hans Osted VE4HFO  
 Lot 6 989575 Drew Evans.

Tiffany Taylor from CoCoRaHS did a presentation on CoCoRaHS at our APR General Meeting such that she signed up several ARES members on the spot to be CoCoRaHS weather observers and answered questions for a number of existing CoCoRaHS observers.

Thanks to Manitoba Council of Scouts Canada for providing Winnipeg ARES Inc. with a recent honorarium.

Our next General Meeting is TUE 20 MAY 1900h Sir Wm Stephenson Library 765 Keewatin Street. Topic will be a briefing for 2014 CANWARN Net Controllers.

**Winnipeg ARES**  
**Jeff Dovyak VE4MBQ**  
*ve4mbq at 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. If you can't attend send someone in your place and let me know in advance who is attending for you.

*As of 26 APR we still need 15 volunteers.*

Amateur Operators already registered as volunteers for 2014 Manitoba Marathon include:

VA4s CAT, DON, JCH, IAM, MAC, RWT  
 VE4s AJO, ALW, AND, ANF, BN, BOY, CDM, CEL, CEU, CZK, DAE, DJS, DWG, EAR, EH, EIH, ESX, GIS, GKS, GLS, GWB, GWN, GZ, HAY, HAZ, HAH, HK, HQ, JAH, JBL, JDH, JNF, JLO, JS, LDI, LIT, LYN, MAB, MBQ, MHZ, MMG, MWH, NCH, NQ, PH, PEH, PPG, PWN, QB, QV, RDO, RIC, TST, SBS, SE, SCH, STL, STS, SYM, TRO, TTH, TSY, UK, VZ, WTF, XYL, YYL

If you believe that you have volunteered but don't see your call-sign listed please contact me asap.

**The 2014 Manitoba Marathon will be SUN 15 JUNE.**

**For on-line volunteer registration please go to ....**

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

## 2014 CANWARN Spotter Training

Jeff Dovyak VE4MBQ

A/SEC Manitoba ARES

ve4mbq@rac.ca



Over thirty people participated in 2014 CANWARN Spotter Training in Morris Manitoba SAT 22 MAR. South-Central ARES DEC Gord Snarr VE4GLS was able to arrange for use of the private dining room at a local restaurant – after a self-paid group lunch we got on with the four and a half hour training session lead by Environment Canada Warning Preparedness Meteorologist Natalie Hasell VE4NAT.

Spotters from five out of nine CANWARN districts participated and we picked up eight new Spotters. In case the reader is wondering why we do Spotter Training in March our experience has been that when scheduling Spotter Training for April and/or early May we are often pre-empted by Flood Operations. Being that many ARES members seem to be Type “A” personalities it was no surprise that many arrived in Morris well over an hour early – we managed to find a local spot that had just opened up and had coffee on.



The participants in our 2014 Spotter Training session were:

WPM Natalie Hasell VE4NAT, Tiffany Taylor & Lynda Tityk from CoCoRaHS VA4s BRD, CQD, MAC, RWT, AJG, VE4S GLS, MHZ, ALW, DWG, DDW, NQ, RIC, TRO, SYM, YYL, GWN, ADS, CY, KU, STS, GLS, DXR, VD, TTH, STL, DJS, HK, DPR, RDO and MBQ.

Natalie covered:  
Reporting  
Safety  
Thunderstorm Basics  
Definitions & Statistics  
What to Watch For  
Myths.



(WPM Natalie Hasell VE4NAT  
Photo Credit Garry Frankel VE4VD)



I addressed Net Protocols or how to use a 2m transceiver to get a report to ARS VE4WWO, the Amateurs Station in the Prairie & Arctic Storm Prediction Centre in Winnipeg.

Thanks to ARES PIO Jim Sutton VE4SIG for once again producing laminated Wallet Cards with the 1-800 number that Environment Canada doesn't seem able to supply anymore. A public version of my presentation is available at [winnipegares.ca](http://winnipegares.ca)

(A/SEC Jeff Dovyak VE4MBQ Photo Credit Garry Frankel VE4VD)

Tiffany Taylor from the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS) gave a very brief presentation on what CoCoRaHS is all about and reminded us that in Manitoba ARES



members can get a CoCoRaHS Rain Gauge at no cost. Tiffany will be presenting on CoCoRaHS at the 15 APR Winnipeg ARES General Meeting.

(Tiffany Taylor MB CoCoRaHS Coordinator  
Photo Credit Garry Frankel VE4VD)

Thanks to ARES PIO Jim Sutton VE4SIG there were two radio interviews about CANWARN done FRI 21MAR, Radio Noon on CBC Radio with Marilyn Maki and the All News Drive on CJOB with Brett Megarry.

# 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)*

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

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>

## Great Job, Vera!

By David VE4DAR

After several months spent organizing and shepherding her instructors and students through Basic Short Course 7, Vera can now relax and take pride in their accomplishments.



Eighteen students started the course. Of the 15 students who wrote the Basic Exam, 13 passed with 8 getting the Basic with Honours level.

We all thank Vera and Gary, their instructors and Adam for doing such a great job. We look forward to hearing the new grads on the air.



Adam VE4SN (Right) monitors Basic exam

Watch for the next course (BSC 8) in the Fall.

## D-Star's "D-Tip" Of The Month

By, Mark VE4MAB

Unlike using an analog repeater there is no audible "squelch tail" when you unkey using a D-Star repeater and you may wonder if the repeater is receiving your signal.

Should you wish to hear how your signal is being re-transmitted by the D-Star system you can perform an "Echo Test".

In the UR field program UR:VE4WDR E (Repeater call sign with the E in the 8th space) and transmit your test. Your voice will be transmitted back to you. Be sure to reset your rig to UR:CQCQCQ afterwards



Are you a  
**RAC** member??

<http://www.rac.ca>

## Contest Calendar

Extracted From

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

### For May...

EUCW Fraternizing CW QSO Party	1000Z, May 10 to 2000Z, May 11
CQ-M International DX Contest	1200Z, May 10 to 1159Z, May 11
VOLTA WW RTTY Contest	1200Z, May 10 to 1200Z, May 11
FISTS Spring Sprint	1700Z-2100Z, May 10
His Maj. King of Spain Contest, CW	1200Z, May 17 to 1200Z, May 18
EU PSK DX Contest	1200Z, May 17 to 1200Z, May 18
CQ WW WPX Contest, CW	0000Z, May 24 to 2400Z, May 25
Baltic Contest	2100Z, May 24 to 0200Z, May 25
MI QRP Memorial Day CW Sprint	2300Z, May 25 to 0300Z, May 26

### Into June...

10-10 Int. Open Season PSK Contest	0001Z, Jun 7 to 2359Z, Jun 8
VK Shires Contest	0600Z, Jun 7 to 0600Z, Jun 8
Wake-Up! QRP Sprint	0600Z-0800Z, Jun 7
SEANET Contest	1200Z, Jun 7 to 1200Z, Jun 8
Maritimes QSO Party	1200Z, Jun 7 to 0300Z, Jun 8

**WINNIPEG MODEL BOAT CLUB**

**2014 REMOTE CONTROL  
SCALE MODEL  
BOAT REGATTA**

**ASSINIBOINE PARK  
DUCK POND  
SUNDAY JUNE 22, 2014  
8:00AM TO 4:00PM**

**SPECTATORS WELCOME**

- Static Displays
- Historic Ship Models
- Model Building Advice
- Active Running R/C Models
- Hobby Information



WINNIPEG MODEL BOAT CLUB

FOR MORE INFORMATION  
E-MAIL: [WMBC@SHAW.CA](mailto:WMBC@SHAW.CA)

[HTTP://WMBC.SHAWWEBSITE.CA](http://wmbc.shawwebspaces.ca)

### 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 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 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)