

# The NEWSCASTER

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

November 2023

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VE4BB

Presentation on one of the first members of the Winnipeg Amateur Radio Club, as we know it, Graham Spry - By Garry Moir

Date: Tuesday, November 14, 2023

Time: 7:30 PM An "In-Person" Meeting

2nd Floor 598 St. Mary's Road

Winnipeg, Manitoba (Old Fire hall & WSCRC)

Find it on Google Maps - Click Here

Other Important Dates:

Newscaster: Deadline November 30, 2023

**WARC:** Monthly Meeting Dates 2nd Tuesdays

December 12, 2023—Christmas Party

**Stay Tuned for details!** 

ARES: Tuesday, November 21, 2023

**In-Person Meeting** 

Sir William Stephenson Library

765 Keewatin Street Annual General Meeting

Check your WARC Membership Status at ... http://winnipegarc.org/join.html

### WARC Executive for 2022-2023...

President Drew Kwartel drewk.ve4drw@gmail.com

Vice-Pres. Cary Rubenfeld VE4EA
Treasurer Drago Lambeta VE4DBV

Secretary John Romanec ve4vjr@gmail.com

Director Geoff Bawden VE4BAW Director Nolan Harriott VE4NOL

Director at Large Apprentice - Evan Harriott VE4EVN Past President John Romanec ve4vjr@gmail.com

Membership Jerry Volkers

VE4GCV

Education

Public Information Officer.... Vacant

## Winners of the WARC Raffle!

1st Prize - Paul Residorf VE4AMS - Icom ID52A VHF\UHF Multi-Function D-Star Dual Band Handheld (\$850 value).

2nd Prize - Stan Penner VE4SJP - \$300 GPS Central Gift Certificates.

3rd Prize - Sue Collings VE4SYM - \$100 US DX Engineering Gift Certificate.

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The November 14 WARC General meeting at WSC at 7:30 PM will once again feature Garry Moir.

He will give us a presentation about one of the first members of the Winnipeg Amateur Radio Club, as we know it, - Graham Spry, his time in Winnipeg at the U.of M and as a member of the Winnipeg Amateur Radio Club laid the groundwork for his role in the creation of the CBC.

WARC is planning for a Christmas supper on Tuesday, December 12. Stay tuned for details.

Check your WARC Membership Status and Join/Renew at ...

http://winnipegarc.org/join.html

## Toy Mountain

I will be at the Golden Arches for coffee Saturday morning November 4, 18, 25, from 9 am until 9:30 am.

I will be happy to accept toys and cheques at those times. I also go for coffee Tuesday thru Friday mornings from 10:00 am until 11:00 am.

73

Dick VE4HK

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

Our Vision

# WARC meetings at WSC- Parking

When attending WARC meetings at WSC or for any other reason to be at WSC, parking is available normally in any stall directly behind the old firehall or against the fence, as long as it lines up with the edges of the old firehall itself. There is also parking available on the street just to the south of the old firehall or across the street from the old firehall. Just pay attention to time restrictions as on any other street parking.

The laneway to the north of the building is not the property of the old firehall, nor is the three parking stalls at the end of the laneway long the fence. Those belong to the building next door. There is to be no parking in the lot of the building to the south of the firehall.

## WARC - MRS Merger Special Meeting October 10, 2023

Call to Order 7:00

#### Present

- 34 in person, 9 on Zoom initially with 12 later on.
- WARC Board members:

Cary Rubenfeld VE4EA John Romanec VE4IM Geoff Bawden VE4AE Jerry Volkers VE4GCV Nolan Harriott VE4NOL Evan Harriott VE4EVN Drew Kwartel VD4DRK

- Current WARC membership is 50 members therefore we need 10 members present for a quorum quorum has been met.
- Calvin Winter VE4AJ asked if there were at least 4 WARC board members present there are.

#### **Discussion**

- Derek Hay VE4HAY went through his PowerPoint presentation outlining and supporting the merger between MRS and WARC.
- Calvin Winter VE4AJ voiced concern that the WARC Bylaws do not say WARC can merge with another corporation. Rebuttal was that the Bylaws do not say they cannot merge.
- There was some discussion about this for and against.
- Geoff Bawden VE4AE gave arguments as to why a WARC MRS merger is legal and possible.

#### **Motions and Discussion**

- David Latour VE4DL moved that MRS approve the merger with WARC.
  - Gerry Volkers VE4GCV seconded.
- Drew Kwartel VE4DRW moved that WARC approve the merger with MRS.
  - David Latour VE4DLA seconded.

# Winnipeg ICOM Dealer... Micro-HighTech Communications Ltd.

2217 Henderson Hwy, East St. Paul, MB (Just south of perimeter Hwy)

Ph. (204)-783-1885 Fax (204) 779-7522 Contact George Hill, VE4GDH or E-Mail Steve at Steve@microhightech.ca

- Jeff Dovyak VE4 MBQ and Rob Boux VE4CA both expressed their opposition to the WARC - MRS merger.
- Michelle Keiser VE4DKC expressed her support of the WARC - MRS merger with a brief statement about the negative impact of the animosity of special interest groups have towards each other outside of a unified association.
- Dean Wheaton and Dan Keiser both expressed their support of the WARC MRS merger.

### **Vote Results**

**MRS** 

For - 19 in person, 5 on Zoom Against - 3 in person, 0 on Zoom

WARC

For - 24 in person, 5 on Zoom Against - 3 in person, 0 on Zoom

Both WARC and MRS members passed the motion to approve the merger between WARC and MRS.

Adjourn 8:00

# Winnipeg ARES Jeff Dovyak VE4MBQ ve4mba@myrac.ca

Our next General Meeting TUE 21 NOV at 1900h will be an in-person meeting at Sir Wm Stephenson Library 765 Keewatin Street. Might be Hybrid. It will be our Annual General Meeting.

Thanks to Don Mackinnon VE4DJ our guest speaker in OCT, Don spoke about Volunteering in the 21st Century. Nominations of Winnipeg ARES Inc. Officers for 2023-24 (President, Secretary and Treasurer) opened at the conclusion of the OCT General Meeting. Nominations close 1600h FRI 10 NOV 2023. Nominations must be submitted via e-mail to VE4MBQ.

We will be supporting Salvation Army Toy Mountain campaign again this year. Donations are due at the 21 NOV Annual General Meeting. We are looking for donations of new, unwrapped children's toys or financial donations by way of a cheque made out to The Salvation Army. Dick Maguire is at the Tim Horton's on Waverly TUE-FRI 1000-1100h weekly. He will be at McDonalds on St James & Ellice SAT NOV 04, 18 & 25 NOV.

## WARC 2023 Fall Flea Market By Scott VA4SCM

The WARC 2023 Fall Flea Market was held on Saturday October 14, 2023 at the Dakota Community Center. Amateurs from throughout the area came out to see what was up for sale and to enjoy some eyeball OSOs.



Doors to the flea market opened at 9 and over 70 hams were in attendance to look over the vendor tables that neared almost 20. Tables were packed with great gear and good deals were made.

WARC and their cable shop, the QSL Bureau and the Winnipeg Digital Repeater Group as well as a test bench manned by Yori VE4ACX were represented at the market.



# **D-Star and DMR in Winnipeg**

Are you looking for crystal clear communications with simple and reliable linking to other systems worldwide? Well, enjoy crystal clear digital communications on cutting edge digital technology!

Join the Winnipeg Digital Repeater Group Inc. and feel freedom of worldwide communications on crystal clear networks...

The future is digital! http://www.ve4wdr.org

Several door prizes were won throughout the morning. The WARC raffle was also drawn at the flea market. The first prize of the Icom ID-52A was won by Paul VE4PL, second prize of a \$300 gift certificate from GPS Central was won by Stan VE4SJP and the third prize of a \$100 gift certificate was won by Sue VE4SYM. A big thanks to Cary VE4EA and John VE4IM for organizing the prizes and for GPS Central, DX engineering, RAC, K4IA and N3FJP for providing prizes.



Geoff VE4AE was also at the event administering exams of which 2 were completed. Thanks Geoff for taking the time to help at the event.

Thank you to all that offered their time for volunteering with the event. Those included Jamie VE4JHT, Nicholas VA4NJF, Harm VE4HZ, John VE4IM, Brad VE4BSC, Sue VE4SYM, Fred VE4TRO, Andrew VE4DRW, Yori VE4ACX, Gary VE4GG, David VE4DL and Cary VE4EA. They all made the task of setting up, obtaining prizes, selling tickets and greeting guests a breeze. Thank you to all the vendors that supported WARC with the purchase of tables and to Dakota CC for providing the space for the event.

Thanks for all that came out to support WARC for their final flea market. As the organizer, I hope all that attended had a good time and enjoyed the market.

"And finally a big thank you to Dick VE4HK for handling all the announcements on the MRS and 2M morning nets. Way to get the word out!"



# Different Tower Removal By Dick Maguire VE4HK

I was asked to help sell Harry VE4AHH's ham radio gear a few months ago. I evaluated everything, and added it to my swap and shop.

Harry had a 68 foot DMX tower in his back yard. It had an unusual hinge system about 8 feet above the ground, so it could be tilted over onto the roof of the house. As far as I could determine, the tower had not been tilted or serviced for about 20 years. The hinge system appeared to be rusted. Someone had welded a large bracket to the upper sections of the tower. It could not be lowered section by section, which is normal. It was too dangerous to climb the tower, because of the hinge system, etc.



I contacted several craning companies in Winnipeg, to see if they could remove the tower with a crane. None was able to do the work, but the family finally found Crane and Timber, who agreed to remove his tower. Their motto is Tight places & tricky spaces. Look them up on the Internet.

They did the work on Wednesday, September 27. Everything went as smooth as silk.



The truck had 3 axles in the back and 2 in front. They parked on the neighbour's driveway, The crane unwrapped, until the top was about 80 feet in the air. Their operator sat in a Bosun's Chair, and was raised above the antenna, then lowered enough to attach a cable to the tower. Next, their operator, who was a licenced arborist, cut away tree branches that were in the way of removing the tower.



Once that was done, they used an angle grinder to cut the legs off the tower. They very carefully lifted the tower high up and over the roof of the house, around a street light, and onto the front street, where they lowered it to the street. Finally, they cut the tower up and loaded it onto a trailer for scrap. I was able to rescue the TailTwister rotator, before they left.

The crew was very professional, and did an excellent job.

### WARC/WSC Thursday Project Nights By Derek VE4HAY

The Winnipeg Amateur Radio Club (WACR) in conjunction with the WSC wants to start a weekly project/kit building night on Thursday evenings at the WSC.

We are looking for people who are willing to spearhead each project from start to completion. And then someone else takes over spearheading the next project.

Continued...

Initial suggested projects are;

Mag Loop HF Antennas Fox Hunting Antenna Copper & Roll up J-pole single/dual band antennas. Pico Balloon CW sounders

And many various kit projects in the marketplace

The thought would be for each project, the first night would be discussion and theory of the project, required supplies, design, etc. The next few weeks would be building the project and finally testing the project. Once complete then the next project can be started. Advertising for those interested in participating in the next project will be via the club newsletter, website, Facebook, and email.

If you are interested in spearheading one of these or any other project, please contact Derek, VE4HAY@gmail.com for more information. If you have the required knowledge in any of the above projects or any other project, please help your fellow ham and pass on that knowledge by signing up to be a project lead for at least one project.

## Confessions of a Casual Contester Vol. 4 Issue 3 From the shack of David VE4DL

I am not now, nor ever have been, a Contester. I don't see myself becoming a Contester either, if one defines the term to include round-the-clock operations, intravenous fluids and diapers, and frequent relays of cold, one-hand meals. Not my thing, at all. BUT......



Rejoice! Let the bells ring out and the banners fly! It's too good to be true, but I'm back on the air at home!

It's been a long wait, but the rotator and antenna went

back up on the 28th of October, just in time to fire up for the CQ WW SSB. Conditions were terrible of course, and no-one heard me, but I enjoyed listening to everyone else working hard through the crap and earning every point. The Sun continues to play up while looking oh, so innocent. Doesn't matter, I can hit the shack any time I want now, one of those times the

bands must be decent!

The project required a lot of help from friends and acquaintances and the rental of a boom truck for down and then up again. Trying to get everyone free on the same day was the biggest challenge after actually finding them in the first place.

Now I can get to other projects, like finding the sticky switch in the MC-60 mic and setting the



jumpers in the MFJ-1263 mic switch. I need to brush up my CW skills and get back into CWT and MST practices before the next big code contest. I've been neglecting my friends at SKCC for too long.



Of course, I've missed a lot of DX hunting these last 10 months, but there are plenty more upcoming to chase. Should be a good winter with plenty to occupy my time and keep me off the streets....

But it isn't contesting. Nope. Not at all. Well, maybe.... yes it is!

L	
Contact Calandan	0100Z-0159Z, Nov 21
Contest Calendar	ICWC Medium Speed Test 0300Z-0400Z, Nov 21
Extracted From	SKCC Sprint 0000Z-0200Z, Nov 22
https://www.contestcalendar.com/	Phone Weekly Test 0230Z-0300Z, Nov 22
November 2023	A1Club AWT 1200Z-1300Z, Nov 22
	CWops Test 1300Z-1400Z, Nov 22
AWA Bruce Kelley 1929 QSO Party	Mini-Test 40 1700Z-1759Z, Nov 22
2300Z, Nov 11 to 0300Z, Nov 13	Mini-Test 80 1800Z-1859Z, Nov 22
and 2300Z, Nov 18 to 0300Z, Nov 20	CWops Test 1900Z-2000Z, Nov 22
North American SSB Sprint Contest	CWops Test 0300Z-0400Z, Nov 23
0000Z-0400Z, Nov 12	CWops Test 0500Z-0400Z, Nov 23
FIRAC HF Contest 0700Z to 1700Z, Nov 12	RSGB 80m Autumn Series, CW 2000Z-2130Z, Nov 23
K1USN Slow Speed Test 0000Z-0100Z, Nov 13	NCCC FT4 Sprint 0100Z-0130Z, Nov 24
4 States QRP Group Second Sunday Sprint	NCCC RTTY Sprint 0100Z-0130Z, Nov 24 NCCC RTTY Sprint 0145Z-0215Z, Nov 24
0100Z-0300Z, Nov 13	NCCC Sprint 01432-02132, Nov 24 NCCC Sprint 0230Z-0300Z, Nov 24
ICWC Medium Speed Test 1300Z-1400Z, Nov 13	K1USN Slow Speed Test 2000Z-2100Z, Nov 24
OK1WC Memorial 1630Z-1729Z, Nov 13	ARRL EME Contest 0000Z, Nov 25 to 2359Z, Nov 26
ICWC Medium Speed Test 1900Z-2000Z, Nov 13	CQ Worldwide DX Contest, CW
Worldwide Sideband Activity Contest	0000Z, Nov 25 to 2400Z, Nov 26
0100Z-0159Z, Nov 14	Ham Spirit Contest, SSB
ICWC Medium Speed Test 0300Z-0400Z, Nov 14	0600Z, Nov 25 to 0559Z, Nov 26
DARC FT4 Contest 1900Z-2000Z, Nov 14	
QRP Fox Hunt 0200Z-0330Z, Nov 15	K1USN Slow Speed Test 0000Z-0100Z, Nov 27
Phone Weekly Test 0230Z-0300Z, Nov 15	ICWC Medium Speed Test 1300Z-1400Z, Nov 27 QCX Challenge 1300Z-1400Z, Nov 27
A1Club AWT 1200Z-1300Z, Nov 15	
CWops Test 1300Z-1400Z, Nov 15	OK1WC Memorial 1630Z-1729Z, Nov 27
Mini-Test 40 1700Z-1759Z, Nov 15	QCX Challenge 1900Z-2000Z, Nov 27
VHF-UHF FT8 Activity Contest 1700Z-2100Z, Nov 15	ICWC Medium Speed Test 1900Z-2000Z, Nov 27
Mini-Test 80 1800Z-1859Z, Nov 15	RSGB FT4 Contest 2000Z-2130Z, Nov 27
CWops Test 1900Z-2000Z, Nov 15	Worldwide Sideband Activity Contest
RSGB 80m Autumn Series, SSB 2000Z-2130Z, Nov 15	0100Z-0159Z, Nov 28
Walk for the Bacon QRP Contest 0000Z-0100Z, Nov 16	ICWC Medium Speed Test 0300Z-0400Z, Nov 28
and 0200Z-0300Z, Nov 17	QCX Challenge 0300Z-0400Z, Nov 28
NAQCC CW Sprint 0130Z-0330Z, Nov 16	Phone Weekly Test 0230Z-0300Z, Nov 29
CWops Test 0300Z-0400Z, Nov 16	A1Club AWT 1200Z-1300Z, Nov 29
CWops Test 0700Z-0800Z, Nov 16	CWops Test 1300Z-1400Z, Nov 29
NTC QSO Party 1900Z-2000Z, Nov 16	Mini-Test 40 1700Z-1759Z, Nov 29
NCCC FT4 Sprint 0100Z-0130Z, Nov 17	Mini-Test 80 1800Z-1859Z, Nov 29
NCCC RTTY Sprint 0145Z-0215Z, Nov 17	CWops Test 1900Z-2000Z, Nov 29
QRP Fox Hunt 0200Z-0330Z, Nov 17	UKEICC 80m Contest 2000Z-2100Z, Nov 29
NCCC Sprint 0230Z-0300Z, Nov 17	CWops Test 0300Z-0400Z, Nov 30
YO International PSK31 Contest 1600Z-2200Z, Nov 17	CWops Test 0700Z-0800Z, Nov 30
K1USN Slow Speed Test 2000Z-2100Z, Nov 17	S
SARL Field Day Contest	Into December
1000Z, Nov 18 to 1000Z, Nov 19	NCCC FT4 Sprint 0100Z-0130Z, Dec 1
LZ DX Contest 1200Z, Nov 18 to 1200Z, Nov 19	NCCC RTTY Sprint 0145Z-0215Z, Dec 1
All Austrian 160-Meter Contest 1600Z-2359Z, Nov 18	NCCC Sprint 0230Z-0300Z, Dec 1
REF 160-Meter Contest 1700Z-2400Z, Nov 18	K1USN Slow Speed Test 2000Z-2100Z, Dec 1
South American Integration Contest CW	SEC QSO Party 2100Z, Dec 1 to 2100Z, Dec 2
1800Z, Nov 18 to 2100Z, Nov 19	ARRL 160-Meter Contest 2200Z, Dec 1 to 1600Z, Dec 3
RSGB 1.8 MHz Contest 1900Z-2300Z, Nov 18	Kalbar Contest 0000Z, Dec 2 to 2359Z, Dec 3
Feld Hell Sprint 1900Z-2059Z, Nov 18	UFT Meeting 0500Z-0800Z, Dec 2
ARRL Sweepstakes Contest, SSB	and 1500Z-1800Z, Dec 2
2100Z, Nov 18 to 0300Z, Nov 20	and 0700Z-1000Z, Dec 3
	Wake-Up! QRP Sprint 0600Z-0629Z, Dec 2
FISTS Sunday Sprint 0000Z-2359Z, Nov 19	and 0630Z-0659Z, Dec 2
Homebrew and Oldtime Equipment Party	and 0700Z-0729Z, Dec 2
1300-1500Z, Nov 19 (40m)	and 0730Z-0800Z, Dec 2
and 1500-1700Z, Nov 19 (80m)	PRO CW Contest 1200Z, Dec 2 to 1159Z, Dec 3
Run for the Bacon QRP Contest	INORC Contest 1400Z, Dec 2 to 1359Z, Dec 3
2300Z, Nov 19 to 0100Z, Nov 20	FT Roundup 1800Z, Dec 2 to 2359Z, Dec 3
K1USN Slow Speed Test 0000Z-0100Z, Nov 20	K1USN Slow Speed Test 0000Z-0100Z, Dec 4
ICWC Medium Speed Test 1300Z-1400Z, Nov 20	ICWC Medium Speed Test 1300Z-1400Z, Dec 4
OK1WC Memorial 1630Z-1729Z, Nov 20	OK1WC Memorial 1630Z-1729Z, Dec 4
ICWC Medium Speed Test 1900Z-2000Z, Nov 20	ICWC Medium Speed Test 1900Z-2000Z, Dec 4
Worldwide Sideband Activity Contest	1700L-2000L, Det 7

## Spotlight on Robert Jacobs VE4RCJ, VE4GE By David Rosner VE4DAR

I have always been interested in Amateur Radio. When we needed an TV antenna, my father and I visited a Ham in the neighbourhood to get help in ordering an antenna. He showed me his rig and I was fascinated. However, we were poor. For years after University, I

was moving a lot; was renting and worked shift work, which limited energy and time.

When I retired I got in touch with a club in Saskatoon. I attended a class to get my Basic and CW in 1998. I studied by myself to get my Advanced.

I purchased commercial receivers and I purchased an old Heathkit Linear and



rebuilt it. Also, I upgraded my Hy Gain Ham IV rotator controller. Then, I built a digital receiver interface for digital work.

Any contacts or moments that stick out in your memory?

First Russian contact: In Urkutsk; over the pole path. Huge amount of fading but made it. Sent him some American dollar bills. At this time the Russian ruble was in free fall. I got a very quick response! Another contact was an expedition in the South Pacific. Tried on 20 metres but there was the usual contest wall of sound. Went to 15 metres. The station was calling QST. Made contact and 30 seconds later he was discovered and the wall of sound was up! I would never have made contact with my comparatively little power.

What have you gotten out of ham radio over the years? Great Friends.

Any part of ham radio that interested you particularly? DX.

What kind of public service have you done? Manitoba Marathon; Sled Dog Race communications; trained new Hams; conducted certificate examinations as a certified examiner.

Any advice for new hams? None

What do you see as the future for Amateur Radio? Problems because of space. HF antennas need space and I think we are going to see people increasingly living in apartments or homes with little geography making large antenna farms impossible.

Thanks for this very interesting interview, Robert.

## Personalized Set of Paddles By Gerry VE4GKS

Here are a few photos of my personalized set of paddles, made by EA3PP. No excuses now for sloppy CW!







I can provide order info if anyone is interested. I'm sure Andres would appreciate the orders. Takes about 3 weeks from the time the order is placed until the key is delivered. He has several different styles.

Gerry



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 on December 31** 

# Manitoba Repeater Society Members ....

Have you renewed your MRS Membership!

You can do so via PayPal online at... http://mb-repeater-society.ca/?page\_id=144

Or download the Application form ... http://mb-repeater-society.ca/wp-content/uploads/2016/08/mrs-app.pdf

Check Your MRS Membership Status?? Click Here

Check out WARC's "Cable Shop & Merch Mart" http://winnipegarc.org/shop.html

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VHF Nets .....

MRS Nets VE4WPG 147.390 Mhz + (127.3) & VE4VJ 443.500 Mhz + (127.3) (WPG is normally hot linked to VJ)

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!

# The Saturday Morning Net 147.390 Mhz+Saturdays at 10:00 am

A Net for all Hams to participate and learn about Ham radio and get on the air! PLUS a presentation of The History of Amateur Radio by Dick VE4HK

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 5 ( XRF103BO )

**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 ( REF091CL ) More nets http://www.dstarinfo.com/nets.aspx

# The following Nets are on the WDRG DMR repeater system:

TransCanada D-Star Net

Fridays @ 20:00 local, Timeslot 2, Talkgroup 302050

#### SkvHub

Wednesdays @ 20:00 local, Timeslot 2, Talkgroup 310847

HF Nets .....

MB Evening Phone Net - 3747 Khz Daily at 7:00 PM Local Time (CT) Aurora Net (Afternoon) 7.100 Mhz Daily at 2300 UTC Aurora # 2 Net (Evening) 7.100 Mhz Sunday at 9:30 CST

MB Wx Net 3743 Khz Daily at 8:30 Local Time (CT)

SSB Nets ......

144.240 SSB Monday at 8pm local 432.100 SSB Wednesday at 8pm 1296.100 SSB Friday at 8 pm