



The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club

<http://www.WinnipegARC.org>

October 2022

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

VE4BB

Introduction to Arduino By Paul VE4AMS

Date: Tuesday, October 11, 2022 - WARC AGM
Time: 7:30 PM An **"In-Person"** Meeting
Windsor Park United Church
1062 Autumnwood Dr (at Cottonwood Rd.)
Find it on Google Maps - [Click Here](#)
Also available on Zoom
[https://us02web.zoom.us/j/82631240012?
pwd=enp4YUg0TVlyQ1FRWVlyZjR0MTNDQT09](https://us02web.zoom.us/j/82631240012?pwd=enp4YUg0TVlyQ1FRWVlyZjR0MTNDQT09)

Other Important Dates:

News caster: Deadline September 29, 2022

WARC: Monthly Meeting Dates **2nd Tuesdays**
November 8, 2022 - General Meeting
General Meeting - Another bite of
radio history with Garry Moir

ARES: Tuesday, October 18, 2022
General Meeting—Winnipeg ARES
members will be advised by e-mail

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

WARC Executive for 2022-2023...

President	Drew Kwartel	drewk1166@gmail.com
Vice-Pres.	VACANT	
Treasurer	David Latour	ve4dla@gmail.com
	(Treasurer - Vacant As Of October 30)	
Secretary	John Romanec	ve4vjr@gmail.com
	(Interim secretary)	
Membership	Cary Rubenfeld	VE4EA
Education	Drago Lambeta	VE4DBV
Director	Geoff Bawden	VE4BAW
Director	Jerry Volkers	VE4GCV
Past President	John Romanec	ve4vjr@gmail.com
Public Information Officer....	Vacant	

From The President

Not available at publication time!

WARC Membership Draws....

Once again be giving away a prize (will be a surprise)
at the October 11 WARC General meeting.

The draw is open to WARC members who are physi-
cally present at the church.

You will have the opportunity to sign up for WARC
membership at the meeting and be included in the
draw.

73, John
VE4VJR

Winnipeg Senior Citizens Radio Club

The Winnipeg Senior Citizens Radio Club is looking
for Duty Officers and Net Controllers.

If interested please contact Calvin VE4AJ at
ve4aj@rac.ca

Elmers wanted

The Winnipeg Seniors Centre is looking for experi-
enced HF operator who are willing to train, some of
our newer Amateur Radio Operators and those who
may need a refresher, in HF Radio etiquette and oper-
ating procedures.

Looking to trainers who can specialize on Voice, CW &
Digital modes. Canadian HF band plan, how to under-
stand the band conditions, indexes, how to contest and
how to just make contacts. The training or refresher
will be Saturday mornings at the WSC club house on
the IC-7700 or the IC-7300. If you are willing to help
our the amateur radio community, please contact
Derek, ve4wsc@gmail.com

73,
Derek Hay
VE4HAY

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*

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WARC General Meeting Minutes
September 13, 2022

Call to Order

Meeting call to order

Introductions

Guests, new members, etc...

Minutes from previous WARC General meeting

- Approval of June 14 General meeting minutes as posted in Newscaster.

Treasurer's Report

	PayPal	Bank	Rainy	Books
Start	\$ 86.03	\$ 7082.35	\$ 6547.86	\$ 7168.38
In	\$350.90	\$ 705.34	\$ 8.06	\$ 1055.84
Out	\$ 11.98	\$ 279.19	\$ 0.00	\$ 291.17
End	\$424.98	\$ 7508.50	\$ 6555.92	\$ 7933.05

Total Cash on Hand - \$ 14,488.97

Education Report

- Drago Lambeta will be part of the Education Coordinators team

Membership report

-Cary Rubenfeld VE4EA is our new Membership coordinator

RAC Report

- Ed Richardson VE4EAR

ARES Report

- Jeff Dovyak VE4MBQ

DX Report

- Ed Richardson VE4EAR

Previous Business

- None

New business

Flea Market Co-ordinator required for next flea market tentatively planned for fall 2023.

Lending Library being passed on to Drew Kwartel VE4DRW.

David Latour VE4DL will still be managing the Cable Shop.

Huge thank you to David Latour for serving +10 years on the WARC Executive.

2022\2023 Executives are:

President: Drew Kwartel VE4DRW

Vice President: VACANT

Past President: John Romanec VE4IM

Treasurer: David Latour VE4DL only till

October 31, will be VACANT after that

Secretary: John Romanec INTERIM until

someone permanent found

Membership Coordinator: Cary Rubenfeld VE4EA
Members at Large: Drago Lambeta, Geoff Bawden VE4BAW, Jerry Volker VE4GCV

We require a Treasurer, Secretary and Vice President.

Program

Ed Richardson VE4EAR: RAC update.

\$50 draw for WARC members physically present at meeting.

**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

Winnipeg ARES

Jeff Dovyak VE4MBQ

ve4mbq@rac.ca

Our September General Meeting was held virtually 20 SEP.

Thanks to Norman Coull VE4EH for his generous equipment donation. Thanks also to Richard VE4KAZ for picking it up.

Three Wpg ARES members participated in removing external Amateur Radio antennas from the roof of VE4WVO in anticipation of the station's move (in downtown Wpg) WED 31 AUG. Thanks to VE4s HK, TRO and MBQ.

Fourteen Winnipeg ARES members provided volunteer Amateur Radio communications for the Parkinson SuperWalk SAT 10 SEP at CMU. Thanks to Dick Maguire VE4HK for coordinating the event.

Our volunteers were:

VE4s: KAZ, JFK, VD, CDM, RCA, GS, MMG, GG, GCV, GIS, HK

VA4s: VMM, PNO, LMK.

Our OCT General Meeting will be 1900h TUE 18 OCT, at press time unclear if virtual or in-person.

Wpg ARES members will be advised.

Contest Calendar for Summer 2022

Extracted From

<https://www.contestcalendar.com/>

K1USN Slow Speed Test 0000Z-0100Z, Oct 3
 German Telegraphy Contest 0700Z-1000Z, Oct 3
 ICWC Medium Speed Test 1300Z-1400Z, Oct 3
 OK1WC Memorial 1630Z-1729Z, Oct 3
 ICWC Medium Speed Test 1900Z-2000Z, Oct 3
 RSGB 80m Autumn Series, CW 1900Z-2030Z, Oct 3
 Worldwide Sideband Activity Contest
 0100Z-0159Z, Oct 4
 ARS Spartan Sprint 0100Z-0300Z, Oct 4
 ICWC Medium Speed Test 0300Z-0400Z, Oct 4
 RTTYOPS Weeksprint 1700Z-1900Z, Oct 4
 Phone Weekly Test 0230Z-0300Z, Oct 5
 A1Club AWT 1200Z-1300Z, Oct 5
 CWops Test 1300Z-1400Z, Oct 5
 VHF-UHF FT8 Activity Contest 1700Z-2100Z, Oct 5
 Mini-Test 40 1700Z-1759Z, Oct 5
 Mini-Test 80 1800Z-1859Z, Oct 5
 CWops Test 1900Z-2000Z, Oct 5
 432 MHz Fall Sprint 1900 local - 2300 local, Oct 5
 UKEICC 80m Contest 2000Z-2100Z, Oct 5
 Walk for the Bacon QRP Contest 0000Z-0100Z, Oct 6
 and 0200Z-0300Z, Oct 7
 CWops Test 0300Z-0400Z, Oct 6
 CWops Test 0700Z-0800Z, Oct 6
 NRAU 10m Activity Contest 1700Z-1800Z, Oct 6
 (CW)
 and 1800Z-1900Z, Oct 6 (SSB)
 and 1900Z-2000Z, Oct 6 (FM)
 and 2000Z-2100Z, Oct 6 (Dig)
 RTTYOPS Weeksprint 1700Z-1900Z, Oct 6
 SARL 80m QSO Party 1700Z-2000Z, Oct 6
 SKCC Sprint Europe 1900Z-2100Z, Oct 6
 NCCC RTTY Sprint 0145Z-0215Z, Oct 7
 NCCC Sprint Ladder 0230Z-0300Z, Oct 7
 K1USN Slow Speed Test 2000Z-2100Z, Oct 7
 QRP ARCI Fall QSO Party 0000Z-2359Z, Oct 8
 Makrothen RTTY Contest 0000Z-0800Z, Oct 8
 and 600Z-2400Z, Oct 8
 and 0800Z-1600Z, Oct 9
 Nevada QSO Party 0300Z, Oct 8 to 2100Z, Oct 9
 Oceania DX Contest, CW 0600Z, Oct 8 to 0600Z, Oct 9
 Microwave Fall Sprint 0800 local - 1400 local, Oct 8
 Scandinavian Activity Contest, SSB
 Cancelled for 2022
 SKCC Weekend Sprintathon
 1200Z, Oct 8 to 2400Z, Oct 9
 Arizona QSO Party 1500Z, Oct 8 to 0500Z, Oct 9
 Pennsylvania QSO Party 1600Z, Oct 8 to 0400Z, Oct 9
 and 1300Z-2200Z, Oct 9
 South Dakota QSO Party 1800Z, Oct 8 to 1800Z, Oct 9
 PODXS 070 Club 160m Great Pumpkin Sprint
 2000Z, Oct 8 to 2000Z, Oct 9
 UBA ON Contest, CW 0600Z-0900Z, Oct 9
 K1USN Slow Speed Test 0000Z-0100Z, Oct 10
 4 States QRP Group Second Sunday Sprint
 0000Z-0200Z, Oct 10
 10-10 Int. 10-10 Day Sprint 0001Z-2359Z, Oct 10
 ICWC Medium Speed Test 1300Z-1400Z, Oct 10

OK1WC Memorial 1630Z-1729Z, Oct 10
 ICWC Medium Speed Test 1900Z-2000Z, Oct 10
 Worldwide Sideband Activity Contest
 0100Z-0159Z, Oct 11
 0300Z-0400Z, Oct 11
 ICWC Medium Speed Test 1700Z-1900Z, Oct 11
 RTTYOPS Weeksprint 0030Z-0230Z, Oct 12
 NAQCC CW Sprint 0230Z-0300Z, Oct 12
 Phone Weekly Test 1200Z-1300Z, Oct 12
 A1Club AWT 1300Z-1400Z, Oct 12
 CWops Test 1700Z-1759Z, Oct 12
 Mini-Test 40 1700Z-2100Z, Oct 12
 VHF-UHF FT8 Activity Contest 1800Z-1859Z, Oct 12
 Mini-Test 80 1900Z-2000Z, Oct 12
 CWops Test 1900Z-2000Z, Oct 12
 RSGB 80m Autumn Series, Data 1900Z-2030Z, Oct 12
 CWops Test 0300Z-0400Z, Oct 13
 CWops Test 0700Z-0800Z, Oct 13
 RTTYOPS Weeksprint 1700Z-1900Z, Oct 13
 EACW Meeting 1900Z-2000Z, Oct 13
 NCCC RTTY Sprint 0145Z-0215Z, Oct 14
 NCCC Sprint 0230Z-0300Z, Oct 14
 K1USN Slow Speed Test 2000Z-2100Z, Oct 14
 JARTS WW RTTY Contest
 0000Z, Oct 15 to 2400Z, Oct 16
 ARRL EME Contest 0000Z, Oct 15 to 2359Z, Oct 16
 10-10 Int. Fall Contest, CW
 0001Z, Oct 15 to 2359Z, Oct 16
 New York QSO Party 1400Z, Oct 15 to 0200Z, Oct 16
 Worked All Germany Contest
 1500Z, Oct 15 to 1459Z, Oct 16
 Feld Hell Sprint 2000Z-2359Z, Oct 15
 Argentina National 7 MHz Contest
 2130Z-2230Z, Oct 15
 Asia-Pacific Fall Sprint, CW 0000Z-0200Z, Oct 16
 UBA ON Contest, 2m 0700Z-1000Z, Oct 16
 Illinois QSO Party 1700Z, Oct 16 to 0100Z, Oct 17
 RSGB RoLo CW 1900Z-2030Z, Oct 16
 Run for the Bacon QRP Contest
 2300Z, Oct 16 to 0100Z, Oct 17
 K1USN Slow Speed Test 0000Z-0100Z, Oct 17
 ICWC Medium Speed Test 1300Z-1400Z, Oct 17
 ARRL School Club Roundup
 1300Z, Oct 17 to 2359Z, Oct 21
 OK1WC Memorial 1630Z-1729Z, Oct 17
 ICWC Medium Speed Test 1900Z-2000Z, Oct 17
 RSGB FT4 Contest 1900Z-2030Z, Oct 17
 Worldwide Sideband Activity Contest
 0100Z-0159Z, Oct 18
 0300Z-0400Z, Oct 18
 ICWC Medium Speed Test 1700Z-1900Z, Oct 18
 RTTYOPS Weeksprint 0230Z-0300Z, Oct 19
 Phone Weekly Test 1200Z-1300Z, Oct 19
 A1Club AWT 1300Z-1400Z, Oct 19
 CWops Test 1700Z-1759Z, Oct 19
 Mini-Test 40 1700Z-2100Z, Oct 19
 VHF-UHF FT8 Activity Contest 1800Z-1859Z, Oct 19
 Mini-Test 80
 AGCW Semi-Automatic Key Evening
 1900Z-2030Z, Oct 19
 CWops Test 1900Z-2000Z, Oct 19
 Walk for the Bacon QRP Contest
 0000Z-0100Z, Oct 20
 and 0200Z-0300Z, Oct 21

Continued.....

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CWops Test	0300Z-0400Z, Oct 20
CWops Test	0700Z-0800Z, Oct 20
RTTYOPS Weeksprint	1700Z-1900Z, Oct 20
NTC QSO Party	1900Z-2000Z, Oct 20
NCCC RTTY Sprint	0145Z-0215Z, Oct 21
NCCC Sprint	0230Z-0300Z, Oct 21
Telephone Pioneers QSO Party	1700Z-2000Z, Oct 21 (CW/Dig)
	and 2200Z, Oct 21 to 0100Z, Oct 22 (SSB)
	and 1700-2000Z, Oct 22 (SSB)
	and 2200Z, Oct 22 to 0100Z, Oct 23 (CW/Dig)
K1USN Slow Speed Test	2000Z-2100Z, Oct 21
YBDXPI FT8 Contest	0000Z, Oct 22 to 2359Z, Oct 23
UK/EI DX Contest, SSB	1200Z, Oct 22 to 1200Z, Oct 23
YLRL DX/NA YL Anniversary Contest	1400Z, Oct 22 to 0200Z, Oct 24
Stew Perry Topband Challenge	1500Z, Oct 22 to 1500Z, Oct 23
North American SSB Sprint Contest	0000Z-0400Z, Oct 23
Classic Exchange, CW	1300Z, Oct 23 to 0700Z, Oct 24
	and 1300Z, Oct 25 to 0700Z, Oct 26
K1USN Slow Speed Test	0000Z-0100Z, Oct 24
ICWC Medium Speed Test	1300Z-1400Z, Oct 24
OK1WC Memorial	1630Z-1729Z, Oct 24
ICWC Medium Speed Test	1900Z-2000Z, Oct 24
Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 25
ICWC Medium Speed Test	0300Z-0400Z, Oct 25
RTTYOPS Weeksprint	1700Z-1900Z, Oct 25
SKCC Sprint	0000Z-0200Z, Oct 26
Phone Weekly Test	0230Z-0300Z, Oct 26
A1Club AWT	1200Z-1300Z, Oct 26
CWops Test	1300Z-1400Z, Oct 26
Mini-Test 40	1700Z-1759Z, Oct 26
Mini-Test 80	1800Z-1859Z, Oct 26
CWops Test	1900Z-2000Z, Oct 26
UKEICC 80m Contest	2000Z-2100Z, Oct 26
CWops Test	0300Z-0400Z, Oct 27
CWops Test	0700Z-0800Z, Oct 27
RTTYOPS Weeksprint	1700Z-1900Z, Oct 27
RSGB 80m Autumn Series, SSB	1900Z-2030Z, Oct 27
NCCC RTTY Sprint	0145Z-0215Z, Oct 28
NCCC Sprint	0230Z-0300Z, Oct 28
Zombie Shuffle	1600-2400 local, Oct 28
K1USN Slow Speed Test	2000Z-2100Z, Oct 28
CQ Worldwide DX Contest, SSB	0000Z, Oct 29 to 2359Z, Oct 30
Ham Spirit Contest, CW	0600Z, Oct 29 to 0559Z, Oct 30
K1USN Slow Speed Test	0000Z-0100Z, Oct 31
ICWC Medium Speed Test	1300Z-1400Z, Oct 31
QCX Challenge	1300Z-1400Z, Oct 31
OK1WC Memorial	1630Z-1729Z, Oct 31
ICWC Medium Speed Test	1900Z-2000Z, Oct 31
QCX Challenge	1900Z-2000Z, Oct 31

**** *Good Luck In The Contest* ****

Winnipeg Amateur Radio Club Worked All Winnipeg Award



For information on the Worked All Winnipeg Award Visit...

<http://winnipegarc.org/awards.html>

Winnipeg Amateur Radio Club Members

It's time to renew your WARC Membership!

You can do so via PayPal online at...
<http://winnipegarc.org/join.html>

Or download a PDF Application form ...
<http://winnipegarc.org/warc-application.pdf>

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

The Saturday Morning Net By Dick VE4HK

The Saturday Morning Net is back !!!

Everyone is welcome to check in at 10:00 am, on VE4WPG and VE4VJ. The Net will begin with check ins, a topic of the day, and follow up with my presentation on History of Radio. In a few, when I have finished the general History of Radio, my presentations will be focused on History of Amateur Radio, especially in and around Winnipeg.

I am sure everyone will find out some fascinating facts about history of radio. Please devote a few minutes of your time to participate in the Saturday Morning Net.

Thank you
Dick VE4HK

Confessions of a Casual Contester
Vol. 3 Issue 2
from the shack of DavidVE4DL

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.....

It's progressing – slowly at times. As usual, I have a box full of components ready to go, and in the trial fit some parts prove to be from Impedimentum Incognito and I have to scramble to order the correct item at outrageous shipping charges. Sigh.

The TGM MQ-26 Quagi is assembled, tested and tuned, ready for the roof this week. An interesting widget, it is 2 elements on all 6 bands and a quad reflector. Took me two full days to assemble and an afternoon to test and tune. Currently taking up half my patio, but I'm arranging to raise and install it this week. Once up, my nearest neighbors won't see it, and the further ones I don't care about. A glorified TV antenna in appearance. I got the last one ever to be made. The instructions were clear. Came with a bag of spares. Can't wait to use it.

I tried to work WAE SSB but it was no-go. Only heard about 7 Europeans, and none came back to my call. Next time. CQ WW DX RTTY is up next, it will be my last contest from this QTH.

The yagi is on the roof, looking every bit the large TV antenna my neighbours think it is. The rotator is suspiciously large. Still working on the wiring and cabling and the rig is still at work. I figure the boom is about 38' in the air.

CQ WW DX RTTY is done. Friday night, Saturday night and Sunday morning and afternoon for about 20 hrs in the chair. That's harder than it sounds. And, I'm officially retired as of Saturday evening (hurrah) so my time is my own now (such as my XYL allows.) Tripled last year's score, so I really can't complain about the sparseness of stations to work. Only 15, 20 and 40 worked for me this time. While I'm going to miss 40m, it only accounts for 18% of my Qs on the weekend. If I get better 10m and 6m in the future, I will be well compensated for my loss. Not much DX in the log, and some strange gremlins in the software this time around. They should be left behind when I disassemble and shake out all the gear in the next couple of weeks. You might still find me as a pop-up VC3Y/VE4 this week, if I'm lucky. The truck just delivered the dumpster, so clearing out the bakery is about to commence. I hope I have a new shack to report on in the next issue. Till then, get on the air and work somebody every day.

I still expect I'll be off the air from the end of September until Christmas.

But it isn't contesting. Nope. Not at all.

Well, maybe....

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>

Manitoba Repeater Society
Looking for operators with direction finding abilities!

The Manitoba Repeater Society is looking for amateur radio operators with VHF/UHF beams who can assist in preliminary work of identifying interference on the repeater RF network.

Earlier in September, there was an occasion, where a stuck PTT caused a number of repeaters to be operating for hours on end. Once this was informed to the MRS tech committee, they quickly identified which repeater the stray signal came in on. And with the aid of two VHF beams, they were able to say the signal came from the Transcona area. Mobile and foot direction finding then set out to find the source.

The MRS is looking to identify Amateurs with VHF/UHF beams to aid in initial direction-finding abilities. The technical crew would like to maintain a small contact list of operators who are willing to assist in helping with this cause from time to time. If you have a VHF/UHF beam antenna system and would offer to assist if needed, please send your contact information to info@mb-repeater-society.ca. Someone from the Technical committee will add your information to our list.

In the same regards, the Manitoba Repeater Society is looking for operators with mobile and handheld direction-finding equipment such as, short arrow antennas, attenuators, portable Doppler antenna arrays and handhelds with signal strength meters.

If you have the some of this type of equipment, please contact the technical crew at info@mb-repeater-society.ca with your contact information and what equipment you have to assist in finding radio sources. We will maintain a list and call on you to assist if the need comes up.

Thank you

Derek
 VE4HAY



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

Editors Note:

From time to time I receive e-mails from WARC and MRS members saying they have not received their issues of The Newscaster or other group mailings.

Please be sure to advise the WARC or MRS membership chair of any changes to your e-mail address and also advise me at ve4mab@outlook.com so I can update my list.

Also you can add my address, ve4mab@outlook.com, to a "Safe Sender" list or whatever term your mail service uses to always allow mail to go through.

Because these are mass mailings if you are not receiving the issues your mail service just may be filtering "out" The Newscaster.

73

Mark
VE4MAB
Editor - The Newscaster

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

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)
Also on VE4DMR Timeslot 2 Talkgroup 302050

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>

DMR Nets on the VE4WDR System ...

Astronomy Net
Wednesday @ 20:00 local time
Time Slot 2, 31012

HF Nets

**MB Evening Phone Net - 3747 Khz
Daily at 7:00 PM Local Time (CT)**

**Aurora Net (Afternoon) 7055 Khz
Daily at 2330 UTC
Aurora # 2 Net (Evening) 7055 Khz
Daily at 0230 UTC**

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