



The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club

<http://www.mts.net/~warc>

September 2006

IRLP # 1066

VE4BB

WRHA Disaster Management Program Guy Corriveau (WRHA Disaster Management Director

Date: **September 11, 2006**
Time: 7:30 p.m.
Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

WARC: October 22 - Flea market
April 15, 2007 Flea market

WSC: 2nd Thurs. of month - Breakfast - Garden City Inn

ARES: Sept. 19 - "An F-4 Tornado in Winnipeg"

Other: Dec. 20 - RAC Winter Contest

Nets: Daily 00:00 UTC	MB Evening Phone net 3747 KHz
Daily 01:30 UTC	Prairie traffic Net (CW) 3660 KHz
Daily 02:30 UTC	Aurora #2 net 7055 KHz
Daily 14:30 UTC	MB Wx Net 3743 KHz
Weekdays 9:00	Seniors morning net 147.390 MHz +
Wed. 02:00 UTC	MB IRLP Net 145.450 MHz +
Wed. 9:00 pm	Six Meter net 50.238 MHz USB
Thursday 9:00 pm	MRS Net 147.390 MHz +
Sunday 9:00 pm	MRS Net 147.390 MHz +

The President's Call By John, VE4QV



As the nights cool off and the sun starts to sink a bit lower in the sky each day I hope that everyone has had a good summer. There's some exciting new blood in the WARC executive as well as some seasoned executive members. I know that there are lots of exciting ideas in the group and that this will be a terrific year for the Winnipeg Amateur Radio Club. Make sure you come out Monday, September 11th for the first meeting of the fall. Meet your new executive and it's a great opportunity to catch up on what your fellow amateurs have been up to during the summer. I hope to see you there.

John Pura VE4QV

Soon to be - Past President - WARC

And now for a word from the president – elect By Geoff, VE4BAW

After a hard fought election with a good number of candidates at the ballot box, an executive was selected. We should thank Glen [ve4gwn] for assembling a lengthy slate of potential executive members. The newly elected executive divided up the required positions [membership, program, treasurer, Vice-President, Director at Large] and after all the other positions were taken I was anointed President – elect. Amazing and humbling.

WARC: Executive for 2006- 2007

Past President	John Pura	ve4qv at rac.ca
President	Geoff Bawden	ve4baw at rac.ca
Vice-Pres	GeorgeMoodie	geomoodie at yahoo.com
Secretary	Ruthie Maman	rmaman at mts.net
Treasurer	Pat Geisbrecht	ve4plg at mts.net
Membership	Mark Blumm	ve4mab at rac.ca
Program	Derek Hay	ve4hay at rac.ca
Director at Large	Raymond Hall	ve4rq at rac.ca

I want to pretend for a moment that I was running for President— what would I say to the Members? What are my credentials? What are my priorities? Who the heck am I?

I am a new ham ... many in the club can speak of being licenced or certified for decades but I can only speak to less than two years. My first certificate is dated February 1st, 2005 – Basic. My second certificate is dated November 2nd 2005 - Basic +. So much for tens of years experience. I did however come to radio communications honestly – my father had been in communications [telegraphy, morse] from before WWII and served in WWII in [guess what] – communications and retired from communications after over 40 years. When I told him that I had become a ham he said “hams have saved a lot of lives”.

What attracts me to ham radio? The family history? Technology? Public Service? Camaraderie? All of the above?

All of the above is the answer. The proximate cause was listening to shortwave at my solar powered cottage in NW Ontario and wanting to build a better antenna. Much of the antenna info on web sites was on ham sites and after a while I thought that maybe I could talk as well as listen. On December 23, 2004 I started studying using Ham Study to prepare for the exam. Blame Rick Lord [ve4ov] for passing me in late March. Tom [ve4se] probably doesn't know it but he was my first contact. I had driven to Brandon for a meeting – trying the Portage and Brandon repeaters without

success but on my return to Winnipeg I spoke to Tom on ve4wpg.

DX interests me and I was well on my way to learn morse when the rules changed and I promptly [the next day after the rule change] purchased a Yeasu FT-897D. Great fun .. great fun indeed. I can move the rig from the house to the car, to the cottage. I run on batteries [12V deep cycle] or w4rt internals. There are wires thrown in the trees at the cottage and at home. I have an ATAS 120A for the car but my Dodge Caravan generates way too much interference on HF to run it while the engine is going. I have contested [WinterDay 2005 and Canada Day 2006] and have found it to be incredible fun! I have sent out about 120 QSL cards – mostly to the US and Canada but also to Mexico, Norfolk Island, Ireland, UK,..

I am a RAC member ... their [our] website provided me with the best view of Amateur Radio in Canada and I am well aware of the need to have a strong presence when dealing with government and regulatory authorities. I am also a member of Manitoba Repeater Society [I use those repeaters], and ARES [those chaps do good work].

Don Gerrard [ve4dwg] told me that the Marathon was essential for Amateurs .. I believed him and helped Mark [ve4mab] in Therapy 6 at the 2005 Marathon. I was impressed by the determination and enthusiasm of the Amateurs as exemplified in the Tuesday night briefing before each Marathon. When I heard that Jeff and Rob wanted a rest and that WARC was preparing to advise the Marathon that the Amateurs were going to sit 2006 out I suggested that I would help out if no-one else wanted to as it seemed a shame to allow the tradition of helping at the Marathon die.

What are my personal interests and inclinations?

- I believe that Dave [ve4dar] has the most important job in the club. Educating the young is one of the key roles of the mature. Dave is working to create the next generation of radio Amateurs. Let us interest kids in science, let us give them something challenging to achieve to, let us help them help the community, let us engage them. The cost – insignificant, the potential result - priceless. Thanks Dave.

- There is a risk that amateur radio will be thought of as “old fashioned” and passé. Demonstrating the value of amateur radio to the public is critical. With the advent of cellular communication and the internet it is easy to see how someone could argue that amateur radio is no longer useful and has been made redundant by new technologies. That attitude could well spell the eventual end of amateur radio as regulators guided by their perception of public disinterest reduce bandwidth and amateur rights.



Amateur Radio Service Centre - Industry Canada
P.O. Box 9654, Postal Station T
Ottawa, Ontario, K1G 6K9
Telephone: (613) 780-3333
Toll free: (888) 780-3333
Fax: (613) 998-5919
E-mail: spectrum.amateur@ic.gc.ca
http://strategis.ic.gc.ca/epic/internet/insmt-gst.nsf/en/h_sf01709e.html

IRLP Node 1066
145.450 MHz -600 KHz
(VE4WRS)

Comments or if you just want to reach us :
Winnipeg Amateur Radio Club
C/O VE4WSC
598 St. Mary's Road
Winnipeg, MB R2M 3L5

- Amateurs need to pay attention to the legislative/regulatory environment nationally and internationally to ensure that amateur interests are well served.
- The camaraderie of the amateur community is critical and quite healthy thank-you very much.

Well, those are some of the things that I would have said were I electioneering. I want to thank John Pura for his service and I am sure that we appreciate his hard work and dedication. I am looking forward to the coming year.

Minutes for June 12th, 2006 **Submitted by Ruthie, VE4CRS**

Meeting called to order at 1935 hrs.

Introductions followed. 35 members and 2 guests attended.

Motion to accept May minutes as printed in Newscaster by Glen VE4GWN, seconded by Rolf VE4VZ. Carried.

Old Business

Inventory of WARC equipment at WSC is completed and taken care-of.

Treasurer's Report

Financial statement for May 2006.

Income: - \$ 16.00

Expenses: - \$325.05

Bank Balance as of May 30, 2006: - \$6,799.23

Training Committee

Budget passed. All is arranged to start course in the fall.

Membership

There were 125 members registered this year. 2 have paid for next year.

Nominating Committee

Thanks to Rosi VE4YYL and Glen VE4GWN for a great job in producing a slate of nominees. We have a real vote this time!

ARES

General meeting on June 27th, 2006.

Marathon

Test on Thursday, 2030hrs, run by Harm VE4HAZ before the MRS net.

Thanks to John VE4JNF, Sousa VA4AF, Jeff VE4MBQ, Ed VE4EIH, for a great job done in helping with the Marathon.

DX Sleuths

Bands starting to open-up: - 10m and 15-17m.

Flea Market

Exec. has met with Dick VE4HK and has tabled his recommendations.

Field Day

All set for the weekend of June 24, 2006.

Need another HF radio 430/450.

All is ok from a technical point of view.

Request for all to participate.

Entry at East gate is the best.

Ruth VE4XYL can only get one orange bowl and is a hassle to get it. Need more liquid coolers. VE4DAR will phone around, and other members will check to see if they have.

International Ham Fest

Weekend of July 7 – 9, 2006.

Satellite Group

July 28th launching.

Will be participating in Field Day

June 17th is kids' day to promote AO51

New Business

John VE4QV and Fred VE4FV are stepping down. John will be Past President of the new board of directors.

The following slate has been nominated for 2006-07 board of directors:

Geoff VE4BAW

Ruthie VE4CRS

Ed VE4EIH

Bill VE4GA

George VE4GOM

Derek VE4HAY

Mark VE4MAB

Paul VA4PDR

Pat VE4PLG

Raymond VE4RQ

The following members have been elected:

VE4BAW, VE4CRS, VE4GOM, VE4HAY, VE4PLG, VE4MAB, VE4RQ. Congratulations and wishing all a successful and productive year.

Motion to adjourn meeting by VE4HAY and John VE4JNF. Carried.

George VE4GOM won the door prize and Hill VE4TP won the 50/50.. John VE4QV presented a short power point of snapshots taken throughout the year. Wishing all a great vacation!

Calendar

September

10 meter NAC	CW/SSB/FM/Digi	1700Z	Aug 3
All Asian DX	Phone	0000Z	Sep 2
Russian WW	RTTY	0000Z	Sep 2
Wake-Up! QRP Sprint		0400Z	Sep 2
RSGB SSB Field Day		1300Z	Sep 2
IARU Region 1 Field Day	SSB	1300Z	Sep 2
AGCW Straight Key Party	CW	1300Z	Sep 2
FISTS Straight Key Week	CW	0001Z	Sep 3-9
DARC 10-Meter	Digital	1100Z	Sep 3
MI QRP Labor Day Sprint	CW	2300Z	Sep 4
ARS Spartan Sprint		0100Z	Sep 5
10 meter NAC	CW/SSB/FM/Digi	1700Z	Sep 7
International G3ZQS Memorial	CW	2300Z	Sep 8
WAE DX Contest	SSB	0000Z	Sep 9
Swiss HTC QRP Sprint		1300Z	Sep 9
ARRL September VHF QSO		1800Z	Sep 9
SOC Marathon Sprint		1800Z	Sep 9
North American Sprint	CW	0000Z	Sep 10
Tennessee QSO Party		1800Z	Sep 10
ARCI End of Summer Sprint	Digital	2000Z	Sep 10
YLRL Howdy Days		1400Z	Sep 12
FISTS Get Your Feet Wet Weekend		0000Z	Sep 15
AGB NEMIGA	CW/SSB/Digi	2100Z	Sep 15
SARL VHF/UHF		1600Z	Sep 15
	And	1600Z	Sep 16
ARRL 10 GHz and Up		0600Loc	Sep 16
Scandinavian Activity Contest	CW	1200Z	Sep 16
South Carolina QSO Party		1300Z	Sep 16
QRP Afield		1500Z	Sep 16
Washington State Salmon Run		1600Z	Sep 16
	And	1600Z	Sep 17
QCWA Fall QSO Party		1800Z	Sep 16
North American Sprint	SSB	0000Z	Sep 17
SSA Månadstest nr 9	CW	1400Z	Sep 17
SSA Månadstest nr 9	SSB	1515Z	Sep 17
Run for the Bacon QRP		0100Z	Sep 18
144 MHz Fall Sprint		1900Loc	Sep 18
NAQCC Straight Key/Bug		0030Z	Sep 21
CQ Worldwide DX	RTTY	0000Z	Sep 23
Scandinavian Activity	SSB	1200Z	Sep 23
Alabama QSO Party	CW/Phone	1800Z	Sep 23
Texas QSO Party		1400Z	Sep 23
	And	1400Z	Sep 24
AGCW VHF/ Contest		1600Z	Sep 23
	And	1900Z	Sep 23
(432) UBA ON Contest	CW	0600Z	Sep 24
Fall QRP Homebrewer Sprint		0000Z	Sep 25
222 MHz Fall Sprint		1900Loc	Sep 26
CIS DX Contest		1200Z	Sep 30
TOEC WW GRID Contest	CW	1200Z	Sep 30

Arkansas QSO Party		1600Z	Sep 30
	And	1800Z	Oct 1
FISTS Coast to Coast		1800Z	Sep 30

October

UBA ON Contest 6m		0600Z	Oct 1
RSGB 21/28 MHz Contest		0700Z	Oct 1
ARS Spartan Sprint		0100Z	Oct 3
German Telegraphy Contest		0700Z	Oct 3
YLRL Anniversary Party	CW	1400Z	Oct 3
432 MHz Fall Sprint		1900Loc	Oct 4
SARL 80m QSO Party		1700Z	Oct 5
10 meter NAC	CW/SSB/FM/Digi	1700Z	Oct 5
TARA PSK Rumble	PSK	0000Z	Oct 6
Oceania DX Contest	Phone	0800Z	Oct 7
International 80m	HELL	1400Z	Oct 7
International 40m	Hell	0900Z	Oct 8
EU Autumn Sprint	SSB	1600Z	Oct 7
California QSO Party		1600Z	Oct 7
PRO CW Contest		1600Z	Oct 7
	And	0600Z	Oct 8
UBA ON Contest	SSB	0600Z	Oct 8
10-10 Int. 10-10 Day Sprint		0001Z	Oct 10
YLRL Anniversary Party	SSB	1400Z	Oct 10
NAQCC Straight Key/Bug		0030Z	Oct 11
Bill Windle QSO Party	CW	0000Z	Oct 14
Makrothen	RTTY	0000Z	Oct 14
	And	1600Z	Oct 14
	And	0800Z	Oct 15
Microwave Fall Sprint		0600Loc	Oct 14
Oceania DX Contest	CW	0800Z	Oct 14
EU Autumn Sprint	CW	1600Z	Oct 14
Pennsylvania QSO Party		1600Z	Oct 14
	And	1300Z	Oct 15
FISTS Fall Sprint		1700Z	Oct 14
Asia-Pacific Fall Sprint	CW	0000Z	Oct 15
North American Sprint	RTTY	0000Z	Oct 15
UBA ON Contest	2m	0600Z	Oct 15
SSA Månadstest nr 10	SSB	1400Z	Oct 15
SSA Månadstest nr 10	CW	1515Z	Oct 15
RSGB 21/28 MHz Contest	CW	1700Z	Oct 15
Run for the Bacon QRP		0100Z	Oct 16
JARTS WW	RTTY	0000Z	Oct 21
CIS DX Contest	CW/SSB/RTTY	1000Z	Oct 21
ARCI Fall QSO Party		1200Z	Oct 21
Worked All Germany		1500Z	Oct 21
W/VE Islands QSO Party		1600Z	Oct 21
50 MHz Fall Sprint		2300Z	Oct 21
Illinois QSO Party		1700Z	Oct 22
CQ Worldwide DX Contest	SSB	0000Z	Oct 28
eXtreme CW World-Wide		0000Z	Oct 28
Coast-coast FISTS Clubs QSO	CW	0000Z	Oct 29
10-10 Int. Fall Contest	CW	0001Z	Oct 28

Program Chair By Derek, VE4HAY



Thank you to Jeff, VE4MBQ for arranging the September meeting as listed on the banner on the front page.

Other programs for this year.

I hope to get a field trip arranged to the University of Manitoba's Antenna modeling lab, and also to Industry Canada to learn about their ISOC software and the regional spectrum service centre. VE4OV has agreed to give a talk on NMI antenna systems and their advantages to local (province wide) HF use.

I hope to have someone from MB Radio services out to chat about their use of radio as well as NAV Canada and how they use radio to stay in touch.

If anyone else has a topic they would like to see discussed, please get in touch with me. I am fully open to your suggestions and areas of the hobby that interest you.

WPGARES By Jeff, VE4MBQ Emergency Coordinator

Eleven WPGARES member and one affiliate ran a Test Net SAT 27 MAY for WPGARES Exercise 53 between the Facility Disaster Operations Centres (FDOCs) in five of the six acute care hospitals in Winnipeg and the Regional Disaster Operations Centre (RDOC) at WRHA Headquarters. Thanks to VE4s: SE, XYL, GWN, YYL, RS, JNF, EIH, KEH, OAK, WTF, MBQ and VA4AA.

There will be a presentation at the SEP WARC Meeting about WRHA Disaster Management and Amateur Radio support (WPGARES doesn't have enough members to support current served agencies and WRHA). Anyone even slightly interested in doing some public service by supporting WRHA Disaster Management should attend.

Thirty of forty WPGARES members took part in the Manitoba Marathon SUN 18 JUN. This year's event was coordinated by VE4s BAW, EIH and JNF. I believe that there were approximately 80 Amateurs overall.

Our JUN General Meeting featured COL Kelly Woiden Commanding Officer 38 Canadian Brigade Group. COL Woiden gave us an excellent, most informative presentation on CF Transformation and Exercise Charging Bison. Our AUG General Meeting featured Maiko VE4KLM who discussed our current digital gear and suggested that we should be considering 2.4 GHz operations.

We have recently developed a procedure to be used by an ARES member on duty at VE4WWO if they receive a "distress" call. Next month's report will summarize our

activities at VE4WWO for the 17 week Summer Severe Wx Season. We will need an additional four or five Net Controllers in 2007, if even remotely interested please get in touch with MBQ. Thanks to the 2006 WWO Net Controllers: VA4AA and VE4s: ESX, SE, ALW, FV, RS, MAQ, CRS, RLF, GWN, DWG, KEH, HAZ, ACX, RST, MMG, HK, JNF AND MBQ. Special thanks to: Ruthie VE4CRS, Glen VE4GWN, and Richard VE4ESX for taking at least three weeks on-call; and to Harm VE4HAZ and Fred VE4FV for each taking at least four weeks on-call!

Nineteen WPGARES members participated in an alert net SUN 20 AUG approx 1650-1815h as a result of funnel clouds being reported around Winnipeg. Luke VE4WTF managed to snap a few photos while I was on the phone with Environment Canada reporting the observation. ARES doctrine should be that local members are alerted anytime there is a Tornado Watch or Tornado Warning for their community both for personal alerting and to get them on-the-air before a tornado may strike. Participants were VE4s: KEH, CRS, SE, XYL, TRO, SYM, HAZ, JNF, RS, RLF, KDB, ACX, TJR, DWG, GWB, MAB, EIH, CDP, WTF, MBQ. VE4s DJ, TG and HAY were on the air periodically too as well as VA4GD and VE4JOP. Thanks to MRS for the use of VE4WPG and VE4MAN specifically during the alert and resulting CANWARN Net and for their on-going cooperation with ARES and CANWARN operations generally.

We will be covering the SuperWalk for Parkinson's SAT 9 SEP in St. Vital Park. Dick VE4HK has agreed to act as ARES Coordinator for this event. We are also covering the Terry Fox Run in conjunction with Pathfinders ARC SUN 17 SEP. The volunteer briefing for Terry Fox is TUE 12 SEP 1900h Sir Wm Stephenson Library 765 Keewatin Street. Please contact VE4MBQ if able to assist with Terry Fox.

Our next General Meeting is TUE 19 SEP 1900h Sir Wm Stephenson Library. Pat McCarthy, Severe Weather Program Manager for Environment Canada will be giving us a presentation "An F-4 Tornado in Winnipeg" which ought to be most interesting and very timely.

DIAMOND IMAGE

Floyd Rolph VE4 FDR

835 Cavalier Drive Tel: (204) 888-3227
Winnipeg, MB R2Y 1C6 Fax: (204) 831-6400

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News from the Net

A MOST WANTED NATION

Following years of silence, an international team of operators will activate Libya from November 14th to the 28th. The goals of the DXpedition are to support the development of ham radio in Libya while activating a rare country. Activity will be on all bands running CW, SSB, FM, RTTY, SSTV and PSK. The operators hope to provide more than 50,000 QSOs during the 14 day operation using the callsign will be 5A7A. They also plan to take part in CQWW DX CW Contest as a Multi/Multi entry

Is Cycle 24 starting ?

Check this website for more info

http://science.nasa.gov/headlines/y2006/15aug_backwards.htm?friend

SPACE PHYSICIST PIONEER VAN ALLEN DIES AT 91

James Van Allen, a pioneer space physicist who helped propel the United States into the space race and discovered the Earth-circling radiation belts that now bear his name, died Wednesday 9 August at age 91. Van Allen helped blaze the trail into space for America in the panicky weeks after the launch of the Russian satellite Sputnik on Oct. 4, 1957. Four months after Sputnik, America launched its first successful space mission, Explorer 1, which carried in its payload a small Geiger counter developed by Van Allen. The instrument detected two belts of intense radiation surrounding Earth, later named as the Van Allen Belts. The belts spawned a whole new field of research known as magnetosphere physics, an area of study that now involves more than 1 000 investigators in more than 20 countries. The discovery also made Van Allen a scientific celebrity. In 1959, Van Allen appeared on the cover of Time. He also received numerous awards, including the nation's highest scientific award, the National Medal of Science. The folksy, pipe-smoking physicist, called "Van" by friends, retired from full-time teaching in 1985. But he continued to write, oversee research, counsel students and monitor data gathered by satellites. --WIA

US satellite plan 'will knock out Pacific radio links'

Wally VK6KZ has sent us a story to the effect that both Pacific Island nations and airline pilots around the globe could lose high frequency radio links for up to a week if the US goes ahead with a plan to protect its satellite network. It would appear the US plan to protect its satellites from both natural radiation and "air bursts" of nuclear weapons posed a global communications threat. The US Air Force and the US Defence Advanced Research Projects Agency proposed using very low frequency radio waves to flush particles from

radiation "belts" above Earth and dump them into the upper atmosphere over either one or several days. This deluge of dumped charged particles would temporarily change the ionosphere from a "mirror" that bounced high frequency radio waves around the planet to a "sponge" that soaked them up, Dr Craig Rodger of Otago University's physics department, said. He said GPS services would also likely suffer large-scale disruptions, if signals between ground users and satellites were scrambled in the ionosphere. The researchers also considered whether the changes to atmospheric chemistry would harm the ozone layer, but found that ozone depletion would be short-lived. --WIA

ARES online forms

There now exist, on the RAC website at <http://www.rac.ca/fieldorg/racares.htm> two online forms of use and interest to the ARES. One is for Radio Amateurs to register themselves as volunteers in their existing local ARES unit. The other, which was just uploaded, is for any club that wishes to form a new ARES unit in an area where one does not already exist. In both cases, the form comes to the VPFS and will be forwarded to the respective SM and/or SEC for attention, action and direct reply to the originating Radio Amateur.

SSTV audio from STS-51F

Mission Putting slow-can amateur television back into space with more modern gear was the idea of Miles Mann, WF1F. Mann operates Marex, the Manned Amateur Radio Experiment, North American Division which is sponsoring the SSTV experiment. And on Friday, July 28th the crew on board the International Space station activated the Slow Scan project for the first time. According to Mann, ISS Expedition 13 Commander Pavel Vinogradov, brought the system to life. He then manually sent a few test Images from ISS to Earth. Those pictures were received in Russia and South America. The SSTV system was then switched off and the Packet system reactivated. As time permits the ISS crew may reactivate the SSTV system for more testing. Eventually when that phase is completed the Space Cam 1 software may be left running in automatic "Slide Show" mode. While in Slide show mode, the system will automatically send to Earth up to 400 images per day from ISS. The tentative down link for SSTV will be on 144.490 using FM. The uplink will not be published until testing has been completed. --WIA

Your short article could have been here. Please submit articles. It's a new meeting your and I need new articles. You enjoy reading the newsletter, why not let others enjoy your thoughts and experiences.

1-DAY HAM RADIO GARAGE SALE

The estate of the late Ben Moroz, VE4BBM, (SK), 863 Elm Street, River Heights, south of Grant Ave., on one day only, Sunday 24 Sept. 2006, 10 AM to 3 PM.

O.K. if rain. All items will be priced from Ben's long career in Ham Radio. HF and VHF antennas, HF Transceivers, VHF Hand-Helds, books, accessories, test gear, cables, swr bridges, transmatch etc. Over 50 items must go! Organized by Rick Lord, VE4OV

WARC's Basic Course Moves By David VE4DAR

Consistent with our approach of concentrating on Youth, WARC's Training Committee has moved its Basic Course to Red River College's downtown campus. RRC's larger classrooms equipped for current teaching practices and electronic laboratories better suit our students.

For example, digital projectors capable of showing Power Point presentations, DVD's or teaching programs directly from the Internet are built into most classrooms. Another benefit is the exposure of our students to the variety of programs available at RRC. A win-win for RRC and us.



photo taken by Luke VE4WTF approx 1640h August 20, 2006 looking north from our house in Amber Trails. Luke attended CANWARN Spotter Training APR06 in Beausejour

Basic Course for Youth By David VE4DAR

First, we relocated WARC's Basic Course for Youth to Red River College's downtown campus on Princess Street. Next, our volunteer instructors took 5 hours of instructor training to sharpen their teaching skills. Then, Kent VE4KEH takes over from me as Chief Instructor. And on Saturday, September 30, our Basic Course for Youth begins. Final exam is on March 31, 2007.

Our course is based on RAC's 6th edition Study Guide for the Basic Exam. A pass on Industry Canada's 100 questions multiple choice exam is 70%. Full HF privileges come with 80% or better. Tuition is \$35 and a refundable \$20 is collected as a damaged deposit on the textbook loaned by WARC.

We are setting aside 15 of the 18 training spots for three Air Cadet squadrons this year. Any unfilled spots will be taken by Other Youth (16 - 24 years). A waiting list for the "other Youth" is being established on a First Come, First Served basis. For an application form and further information, please contact Harm: ve4haz@mts.net or by phone: 669-6425.

QCWA International Convention - 2006

This is a special reminder of the upcoming QCWA International Convention - 2006 hosted by Alberta Wild Rose Chapter 151 on September 28 - 30, 2006. The venue for this convention is at the Port O' Call Hotel, located at 1935 McKnight Blvd NE, Calgary, AB.

This convention is for Everyone interested in radio, as well for all QCWA members and friends. Come out and meet the shakers and movers who made amateur radio what it is today!

Registration details can be found on our web site (link in blue - below) and all information pertaining to the convention can be found here.
<http://www.obsd.com/qcwa-chapter151/Convention-Web/convention-2006poster.html>

Please note that it is imperative we know by September 5th, 2006 if you wish to take in the Friday evening "Meet & Greet" reception, Saturday evening Banquet or any of the outlined Tours.

Ken Oelke VE6AFO - Chair

Manitoba Marathon

By Geoff, VE4BAW

Headline! Radio Amateurs Essential for the Success of the 2006 Manitoba Marathon ... "another service to the community by amateur radio..."

Yet again radio amateurs helped the community and provided an absolutely essential component of the human and technical capital necessary for a successful Marathon.

The 2006 Marathon was the largest ever. [Numbers in brackets are for 2005]... the full Marathon had 823 runners [907], Half - 3,656 [3,536], Super Run - 4,025 [3,676], Relay - 668 teams/3,340 runners [618/3,090], Walk - 871 [881], for a total of 12,715 [12,081]. New records were established for the Half Marathon, the Super Run and the Relay.

Radio Amateurs also set a record that day - nearly 90 amateurs spent Fathers Day, June 18th helping others and honing their certified skills.

Organizationally the Marathon Radio Amateurs were "under new management". Jeff Dovyak ve4mbq and Rob Stegmaier ve4rst had decided to pass on the torch after providing years of excellent service in organizing the Amateurs for the Marathon. John Foster [ve4jnf], Albert Sousa [va4as], Don Gerrard [ve4dwg] and Ed Horton [ve4eih], and I Geoff Bawden [ve4baw] filled in behind them. John took lead in establishing the Roster [he was the guy who kept phoning you!], Albert produced the new radio amateurs "2006 Manitoba Marathon Amateur Radio Guide" - a triumph in desktop publishing, Don was behind the scenes producing an Access data base to track the volunteers and Ed helped with the roster. I want to thank them for their hard work in ensuring that the Radio Amateurs made a credible and competent contribution to the Marathon. I understand that they are prepared to do it again next year [we have some practice now].

Some changes were introduced over last year ... after we introduced the Marathon to the concept of desktop publishing they introduced a booklet containing each station - a welcome companion to our new "Guide". Our new Guide was a response for the need for an easily upgradeable written resource and because "we don't Xerox". Three net coordinators were established at the help desk: our own Medical Net Coordinator Ed Coull [ve4eh] to coordinate the vehicles driven by Amateurs, and net coordinators for the Global Paramedic Vehicles and the Ski-Patrol coordinator. Ski-Patrol volunteers on bicycles were radio-equipped and tasked to be the first responders

and triage and initially treat runner's injuries. Thanks to the mild weather this new arrangement could be practiced in a relatively low stress environment. Also new for 2006 was a volunteer's form - The Marathon coordinators requested that each volunteer fill out a form so the Marathon could get a handle on who and how many amateur's there were. This is a good idea as we [Amateur organizers] can use the information to ensure that our data-base is up to date [despite QRZ, RAC and other databases there are still discrepancies]- besides [and more importantly] verifying information by referencing different data bases is time consuming and "administrivia". I am asking amateurs to fill out the form to ensure that we organizers have the right information to contact you easily [please and thank-you]. Forms will be at selected WARC and ARES meetings.

Serendipity: Not quite serendipity as John Foster arranged it, but the Winnipeg Free Press did an article on Radio Amateurs and the Marathon and of course it was a good news story!

Go-Forward:

- Update "Guide" for 2007
- Update Amateur volunteer's database
- Meet very early and often with central Marathon Organizers to keep track of and adapt to any changes in the course or procedures

Special Kudos:

- A special thank-you to the Amateur Net Controllers: Ed Coull [ve4eh] and Derek Hay [ve4hay] ... Amateurs remarked on their professionalism
- A Special thank-you to the Pathfinders ARC... one email and that group was organized and ready to attend
- A Special thank-you to the Manitoba Relay Society and University of Manitoba Amateur Radio Society for the use of those repeaters
- A Special thanks to the Winnipeg Senior Citizens Radio Club for the use of their shack for the Hospitality Net
- A Special thanks to ARES for using their club infrastructure [meetings, website and good will] to support the organization effort
- A Special thanks to WARC for sponsoring and supporting the organization effort
- A Special thanks to Jeff ve4mbq and Rob ve4rst for their briefing material and support to the new organizing committee
- A Special thanks to the Marathon Organizers for printing all the materials that we needed and
- A Special thanks to all the Amateurs for their dedication and hard work...

VE4WRS & VE4UMR IRLP nodes Black listed

We have been informed that these two nodes have been black listed due to the following reasons.

[1] Long SQ Tail - *being worked on by MRS technical chair*

[2] Quick keying of our group - *we have to remember to PAUSE-----PAUSE-----PAUSE*

Please remember to pause before keying and again before talking. It may seem to be ok on the local repeater, but when the signals travel through the IRLP system they are being chopped and are causing a problem. So please remember to *PAUSE-----PAUSE-----PAUSE*

QTX~ By Derek, VE4HAY



Did you know

Fuel cell-powered mobile phones may be on the cards Richard Wilson on the ElectronicsWeekly.com website on May 18 reported that a fuel cell developer is looking to use fuel cells in mobile handsets. The following is a summary of the article: US fuel cell developer MTI Micro has entered into a partnership with mobile phone firm Samsung Electronics which could see fuel cells used to power commercial handsets for the first time. The firm's Mobion direct methanol fuel cell (DMFC) technology has been chosen to power a series of prototypes designed for Samsung's mobile phone and mobile phone accessories. The advantages of fuel cells over today's battery cells are potentially longer runtimes and instant recharging. According to Peng Lim, president and CEO of MTI Micro: "Our goal is to make Mobion a standard power source used for powering all types of mobile products, and under this agreement, our work with Samsung on mobile phones and accessory applications will be a major step in achieving that goal." Last year another US-based fuel cell firm, PolyFuel claimed to have passed a milestone in the development of direct methanol cells with a device operating for more than 5,000 hours. This, the firm said, is beyond the minimum necessary to commercialise fuel cells, which must last for between 2,000 and 3,000 hours, equivalent to the life of a rechargeable battery. According to market watcher, Frost & Sullivan the market for micro fuel cells for consumer electronic devices should reach approximately 80 million units by 2012. -- WIA

That last years Ham of the Year, Murray Ronald VE4RE has won Manitoba Business Magazines Best in Business

Practices award for 2006 for his company Prairie Mobile Communications

That this years HAM(s) of the Year are Tom, VE4SE & Ruth, VE4XYL. And here is their response to winning.

THANK YOU

On behalf of Ruth VE4XYL and myself Tom VE4SE we would like to thank the nominating committee for putting our names forward for the HAM of THE YEAR award held at the International Ham Fest. It came as a complete surprise to us not only to have been nominated but to have won the award. We both feel honoured to have been chosen. The plaque will sit in a prominent place in the Ham Shack. Once again thanks to all who supported us.

OK, I am now wasting space, as I am out of articles that could fit in this 2/3 column. But to make it interesting I want to talk to you about an interesting piece of software I have heard about for a while now and only just recently downloaded. It is called Skype <http://www.skype.com> This program is very similar to Microsoft's MSN messenger that all the kids are using where you can keyboard to your friends or contacts in your contact list as well as have audio chats and video chats. The new version of MSN messenger is called Live messenger and has a couple of new features like call. Where if you select this option your computer rings like a telephone. The only problem is that for the party you are calling their computer does not ring. Well, not only does Skype do all that MSN & Live messenger do, (including ringing at both ends) but it also interfaces to the Public telephone system world wide using voice over IP technology (VOIP). VOIP is what is used for IRLP to allow it to communicate all over the world. OK so why did I bring this up. Well Skype is cheap to use. A call (keyboard, voice or video) to another Skype user is free and as their propaganda says always will be. And why not it only uses the Skype servers to route the information. But calls to the public telephone system are really cheap as well.

[hHttp://www.skype.com/products/skypeout/rates/all_rates.html?currency=CAD](http://www.skype.com/products/skypeout/rates/all_rates.html?currency=CAD)

And if you want to receive calls the rates are really low and you can have any telephone number anywhere in the world. Can you get these rates or better with your home phone, Yes you could, But not with a cell phone, and not while travelling. Which is where my point comes in. There are no monthly fees (that I can see). Only prepaid credit. Which means you use up your credit on your timetable. And for the travelling person or family, who checks into a hotel that offers free Wi-Fi access, you have your own telephone system to make calls. Oh yeah, and the best news calls to telephone numbers in Canada and the USA are free until December 31, 2006 from anywhere in the world . 73

Winnipeg Amateur Radio Club



Attn: Membership
Winnipeg Amateur Radio Club
C/O VE4WSC
598 St. Mary's Road
Winnipeg MB R2M 3L5

Membership Application

The membership year starts in September and runs to August 31 of the following year.

Regular membership is only open to licensed amateurs & all radio enthusiasts.

Current Membership Fee \$ 15.00 per year.

<input type="checkbox"/> New Membership		<input type="checkbox"/> Renewal of membership	
<u>Callsign</u>	<u>Surname</u>	<u>Preferred First Name</u>	
<u>Mailing Address</u>			
<u>City</u>	<u>Prov.</u>	<u>Postal Code</u>	
<u>Home Phone</u>		<u>Work Phone</u>	
<u>E-mail Address</u>			
Club use only: Date: _____ \$ _____ Cheque / Cash / Money Order Rept. _____ Card Issued: _____ Year _____			
Class of Member: (please circle one only) Regular / Associate / Club			
Certificate Class: (please circle all applicable) Basic / Basic Honours / Advanced / 5WPM +			
How do you wish the Newsletter by: (please circle one only) E-mail or Snail-mail			

My interests:

VHF/UHF	<input type="checkbox"/> FM	<input type="checkbox"/> SSB	<input type="checkbox"/> CW	<input type="checkbox"/> Other _____
HF	<input type="checkbox"/> AM	<input type="checkbox"/> SSB	<input type="checkbox"/> CW	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Digital	<input type="checkbox"/> QRP	<input type="checkbox"/> SHF/EHF	<input type="checkbox"/> Satellite <input type="checkbox"/> SSTV/FSTV
	<input type="checkbox"/> Antennas	<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____	

Other Clubs: MRS ARES WSC RAC Other: _____

Optional Information:
 Current Occupation: _____
 If Retired: Former Occupation: _____
 Skills: _____