



# The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club

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

March 2008

IRLP # 1066

VE4BB

## Electronic Tips & Hints

By Bill, VE4DL

Date: **March 10, 2008**  
Time: 7:30 p.m.  
Place: **Dakota Collegiate**  
661 Dakota Street

### Other Important Dates:

WARC: Apr. 14, HomeBrew,  
May 12,  
June 9 Marathon Field Day, Hamfest briefing

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

ARES: Mar 25 Amateur Radio Aspects of Ice Racing

Other: March 17 Hamfest meeting VE4WSC clubroom  
July 11-13 45th International Hamfest  
Aug 8 10 Winnipeg Hamfest & RAC AGM

### WARC: Executive for 2006- 2007

Past President	John Pura	ve4qv at rac.ca
President	Geoff Bawden	ve4baw at rac.ca
Vice-Pres	Albert Sousa	albert.sousa at shaw.ca
Secretary	Ruthie Maman	rmaman at mts.net
Treasurer	Sue Collings	collings at mts.net
Membership	Mark Blumm	ve4mab at rac.ca
Program	Derek Hay	ve4hay at rac.ca
Director at Large	Vacant	

### And now for a word from the President By Geoff, VE4BAW

A great many things are on the horizon for the Club. Derek [ve4hay] and his crack team of Hamfest volunteers are steaming ahead to arrange this years premier Ham event – the August WARC Hamfest and Radio Amateur’s of Canada Annual meeting. Team members are on the search for sponsors, speakers, and displays. Flea market table sales have been brisk. Interest is high. Don’t forget to book your attendance early and take advantage of “early bird” savings. Book a hotel room so that you can take advantage of those impromptu evening activities. Were expecting out of province guests from across this nation including members of the RAC executive. The new RAC President will be in attendance and this gives you a chance to speak to and influence direction at a national level.

Alas, owing to a death in the family I had to miss the last WARC meeting ... I had been looking forward to hearing an update on the cutting edge WINCUBE project and the school amateur radio training activity that Stefan [ve4nsf] has shown great leadership in. These activities are two of the most exciting in amateur radio and WINCUBE and the satellite ground station have national significance and [dare I say it] international significance.

Organizing for the Marathon is spooling up ... we are a little behind schedule [life intervenes] but expect notices and reminders to start popping up when you least expect it. I have already received the first amateur registration form for the 2008 Marathon. Organizing details will be in the next Newscaster. Remember to book Father’s Day 2008 in your calendar! Book the Tuesday evening before for the Marathon Briefing [does all this sound familiar?] ..

Cycle 24 has started but the sun is still as “smooth as a baby’s bottom” as Adam would say [digital anyone?].

See you at the next meeting! Any questions about the Marathon just email me at [ve4baw@rac.ca](mailto:ve4baw@rac.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.*

Freq	Prov/State	Net	UTC
3.860	MN	Minnesota Net	23:00
3.747	MB	Evening Phone Net	19:00 local
3.937	ND	North Dakota Net	00:30
3.735	SK	SK Public Service Net	01:00
3.750	NWON	NW Ontario Net	01:15
3.700	AB	AB Public Service Net	01:30
3.660	MB, SK, AB	Prairie Traffic Net	01:30
3.743	MB	Mb Morning WX Net	14:30
145.450	WW	MB IRLP Net	02:00 Wednesday
147.390 +	MB	Seniors Morning Net	09:00 Local
147.390 +	MB	MRS Net Thursday	21:00 Local
147.390 +	MB	MRS Net Sunday	21:00 Local

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](mailto:spectrum.amateur@ic.gc.ca)  
[http://strategis.ic.gc.ca/epic/internet/insmt-gst.nsf/en/h\\_sf01709e.html](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**

## Minutes for February 11, 2008

### Submitted by Ruth, VE4XYL

Meeting was called to order by Albert VA4AS in absence of Geoff VE4BAW, followed by introductions. 35 members in attendance.

Motion to accept the minutes as printed in the newscaster, moved by Glen VE4GWN, seconded by Tom VE4SE. Carried.

No business arising from the minutes and no correspondence.

#### **TREASURERS REPORT by Susan VE4SYM**

Expenses to date \$753.15. Current Balance \$6947.82

#### **COMMITTEE REPORTS**

##### **WARC Hamfest**

Aug. 8, 9, 10, 2008. Necessary plans to date, have been made as scheduled.

##### **ARES.**

Glen VE4GWN reminded the ARES members that the monthly meeting date has been changed to the 4th Tuesday of the month same location, Sir William Stephenson Library.

##### **Good & Welfare**

##### **Manitoba Repeater Society.**

Dick VE4HK reminded those who haven't paid up their annual dues to please do so as soon as possible.

##### **Brandon Flea market**

Tom VE4SE announced & invited, on behalf of the Brandon Amateur Radio Club, that their Flea Market will held on Sunday April 27th. at the Riverview Curling Club, 420 Maryland Ave. in Brandon Vendor doors open at 11.00 hrs and the public at 12:00 hrs. Lunch will be sold.

#### **DRAWS**

50/50 draw won by Susan VE4SYM. Membership by Doug Shewfelt VE4DDS, a T-shirt (donated by Tom VE4HQ) won by Tom VE4SE. 2 Badges donated by Stefan Wagner VE4NSA were won by Supun Perero VE4WSP and Roger VE4RLF.

Motion to adjourn by Glen VE4GWN, 19:45 hrs.

The presentation was made by Stefan Wagner VE4NSA on the Win Cube project. The most interesting ways and the methods used in launching balloons & satellites into space. Thank you Stefan from WARC.

Our next meeting march 10 presentation will be by Bill VE4DL on varied and well experienced electronic tips and recommendations when working with electronics.

**WPGARES****By Jeff, VE4MBQ -Emergency Coordinator**

As previously reported, our next few General Meetings will be the 4th Tuesday of the month.

Planned events and test nets don't always work out. The mid-FEB Sled Dog Races that had previously been part of Festival du Voyageur were cancelled then re-scheduled near Ladywood MB then downsized and moved back to Birds Hill Park. Ultimately Amateur Radio support was not required for the 2008 Sled Dog Races, hopefully the event will expand in scope and we will get a workout next winter. We also cancelled the planned Test Net for Camp Amisk once we decided to take Yori Tsuji up on his kind offer of the VE4TWO Portable Repeater for Klondike Derby.

Approximately 15 ARES volunteers will be providing volunteer Amateur Communications for Klondike Derby 1, 2 MAR at Camp Amisk. More details next month.

Victor Griffiths VE4VG, gave us a very interesting presentation on the Winnipeg Parking Authority and their use of technology for patrollers & citation tracking at our FEB General Meeting and Bob Poole VE4MAQ did a volunteer briefing for Klondike Derby Volunteers. No Business Meeting was held. Thanks also to Victor VE4VG for donating a folding chair for our monthly draw (just the thing for an ARES volunteer to use at a Klondike "town").

AEC Bob Poole VE4MAQ is attending the Manitoba Disaster Management Conference 27-29 FEB (I'm attending too but my registration is work-related).

Don Gerrard VE4DWG, is scheduled to give us a presentation on the Amateur Radio Aspects of Ice Racing at our next General Meeting, TUE 25 MARCH 1900h at Sir Wm Stephenson Library.

We have been invited by WRHA to participate in their upcoming exercise, Able Receiver being run APR 18 or 23, that will be similar to last year's City of Winnipeg Exercise West Wind but from the point of view of a health authority. To that end, we are having a special WRHA briefing TUE 08 APR 1900h at Deer Lodge Centre, 2109 Portage Avenue. You must check in with ARES ID at the Security Desk prior to 1900h, to be directed to the appropriate meeting room..

***What have you done to "promote amateur radio this week"***

That line we credit to an old News stalwart, Peter Parker with using in his old VK1 and VK3 casts many years ago and it still stands true -WIA

**Program Chair  
By Derek, VE4HAY**

I could not make it out to the meeting last month as I had a conflict between Warc & Another organization who was holding a meeting I had to attend. However I have been informed that 35 brave HAM's went out into the cold to hear, Stefan, VE4NSA update us on the Wincube project and explain the best way to launch Balloon-Cube & Sat Cubes. Thank you Stefan foe once again keeping us up to date on the WinCube project.

This month we will have Bill, VE4DL giving us his best Hints & Kinks on electronic tips. I am sure you will come out of the with " Why didn't I think of that?" Or What a Great Idea !" Trust me you will not want to miss this presentation.

Next month is Home Brew Night. Do you have your project built & tested ?? If not then you need to do a search for Ham radio Home brew Projects. There are plenty of cold night left that will enable you to design & build a great Project. Get started now.

**I am in need of a presenter for May  
Got any Ideas?**

**Hamfest Update  
By Derek, VE4HAY**

The hamfest committee is meeting on a regular basis (once a month for now) and is setting the plans in place for the event. We are still looking for more people to sit on committees. In particular we need someone to chair the following committees.

**Communication** Develop website, online registrations, posters and advertising

**Program** -Work with committee to develop our 5 sessions – possible three tracks if enough interest. 2 volunteers per session one on the door and one to introduce the speaker. The program is about 1/3 complete and working on more confirmations.

As well as we could us other people who just want to help out. Out next meeting will be March 17th at VE4WSC club rooms.

## Contest Calendar

### March

ARRL Inter. DX	SSB	0000Z	Mar 1
Wake-Up! QRP Sprint		0400Z	Mar 1
	And	0430Z	Mar 1
	And	0500Z	Mar 1
	And	0530Z	Mar 1
Open Ukraine RTTY		2200Z	Mar 1
	And	0000Z	Mar 2
	And	0800Z	Mar 2
DARC 10-Meter Digital		1100Z	Mar 2
RSGB 80m Club Championship	Data	2000Z	Mar 3
ARS Spartan Sprint		0200Z	Mar 4
AGCW YL-CW Party		1900Z	Mar 4
NCCC Sprint		0330Z	Mar 7
RSGB Commonwealth		1000Z	Mar 8
AGCW QRP		1400Z	Mar 8
Oklahoma QSO Party		1400Z	Mar 8
	And	1300Z	Mar 9
EA	PSK31	1600Z	Mar 8
SOC Marathon Sprint		1800Z	Mar 8
Idaho QSO Party		1900Z	Mar 8
North American Sprint	RTTY	0000Z	Mar 9
SKCC Weekend Sprintathon		0000Z	Mar 9
UBA Spring	CW	0700Z	Mar 9
NSARA		1100Z	Mar 9
	And	1700Z	Mar 9
Wisconsin QSO Party		1800Z	Mar 9
CLARA and Family HF		1700Z	Mar 11
	And	1700Z	Mar 15
RSGB 80m Club Championship	CW	2000Z	Mar 12
NCCC Sprint		0230Z	Mar 14
10-10 Int. Mobile		0001Z	Mar 15
Russian DX		1200Z	Mar 15
Feld Hell Sprint		1500Z	Mar 15
AGCW VHF		1600Z	Mar 15
AGCW UHF		1900Z	Mar 15
Virginia QSO Party		1800Z	Mar 15
UBA Spring 6m		0700Z	Mar 16
9K 15-Meter		1200Z	Mar 16
Run for the Bacon QRP		0100Z	Mar 17
Bucharest		1500Z	Mar 17
	And	1600Z	Mar 17
NAQCC Straight Key/Bug Sprint	CW	0030Z	Mar 20
RSGB 80m Club Championship	SSB	2000Z	Mar 20
ARLHS Annual Spring Lites QSO Party		0001Z	Mar 21
NCCC Sprint		0230Z	Mar 21
BARTG Spring	RTTY	0200Z	Mar 22
UBA Spring 2m		0600Z	Mar 23
SKCC Sprint		0000Z	Mar 26
NCCC Sprint		0230Z	Mar 28
CQ WW WPX	SSB	0000Z	Mar 29

### April

10 meter NAC	CW/SSB/FM/Digi	1700Z	Apr 3
SARL 80 m QSO Party	SSB	1700Z	Apr 3
YLRL DX-YL to NA-YL	CW	1400Z	Apr 4
LZOCC 40 m Sprint	CW	0000Z	Apr 5
QRP ARCI Spring QSO Party	CW	1200Z	Apr 5
SP DX		1500Z	Apr 5
EA RTTY		1600Z	Apr 5
QCWA Spring QSO Party		1800Z	Apr 5
Missouri QSO Party		1800Z	Apr 5
	And	1800Z	
Yuri Gagarin International DX		2100Z	Apr 5
UBA Spring	SSB	0600Z	Apr 6
RSGB RoPoCo 1		0700Z	Apr 6
RSGB 80m Club Championship	CW	1900Z	Apr 7
ARS Spartan Sprint	CW	0100Z	Apr 8
NAQCC Straight Key/Bug Sprint	CW	0030Z	Apr 9
YLRL DX-YL to NA-YL	SSB	1400Z	Apr 11
Montana QSO Party	CW/Phone/Digi	2300Z	Apr 11
JIDX	CW	0700Z	Apr 12
DIG QSO Party (10 -20 m)	CW	1200Z	Apr 12
PSK 31 Flavors	PSK	1200Z	Apr 12
Radio Maritime Day		1200Z	Apr 12
EU Spring Sprint	CW	1600Z	Apr 12
Georgia QSO Party		1800Z	Apr 12
	And	1400Z	Apr 13
Yuri Gagarin International DX	CW	2100Z	Apr 12
SKCC Weekend Sprintathon		0000Z	Apr 13
UBA Spring	SSB	0600Z	Apr 13
DIG QSO Party (80 m)	CW	0700Z	Apr 13
International Vintage 1	AM/CW/SSB	0800Z	Apr 13
DIG QSO Party (40 m)	CW	0900Z	Apr 13
SSA Månadstest nr 4	SSB	1400Z	Apr 13
SSA Månadstest nr 4	CW	1515Z	Apr 13
International Vintage 2	AM/CW/SSB	1700Z	Apr 13
MOON	CW/Digi/SSB	1800Z	Apr 16
RSGB 80m Club Championship	SSB	1900Z	Apr 16
Holyland DX		0000Z	Apr 19
TARA Skirmish Digital Prefix		0000Z	Apr 19
ES Open HF Championship		0500Z	Apr 19
	And	0600Z	Apr 19
	And	0700Z	Apr 19
	And	0800Z	Apr 19
Kids Roundup	Phone	1400Z	Apr 14
Feld Hell Sprint	Hell	1500Z	Apr 19
EU Spring Sprint	SSB	1600Z	Apr 19
Michigan QSO Party		1600Z	Apr 19
Motorola QSO Party	CW/SSB	1700Z	Apr 19
EA-QRP 20-10m	CW	1700Z	Apr 19
EA-QRP 80m	CW	2000Z	Apr 19
EA-QRP 40m	CW	0700Z	Apr 20
EA-QRP 20-10m	CW	1100Z	Apr 20
Ontario QSO Party		1800Z	Apr 19
	And	1200Z	Apr 20
YU DX		2100Z	Apr 19

	And	0900Z	Apr 20
Run for the Bacon QRP		0100Z	Apr 21
SKCC Sprint		0000Z	Apr 23
RSGB 80m Club Championship	Data	1900Z	Apr 24
SP DX	RTTY	1200Z	Apr 26
Helvetia		1300Z	Apr 26
QRP to the Field		1500Z	Apr 26
Florida QSO Party		1600Z	Apr 26
	And	1200Z	Apr 27
Nebraska QSO Party	CW/Phone/Digi	1700Z	Apr 16
EUCW/FISTS QRS Party	CW	0001Z	Apr 28

### Manitoba Blue Book updates

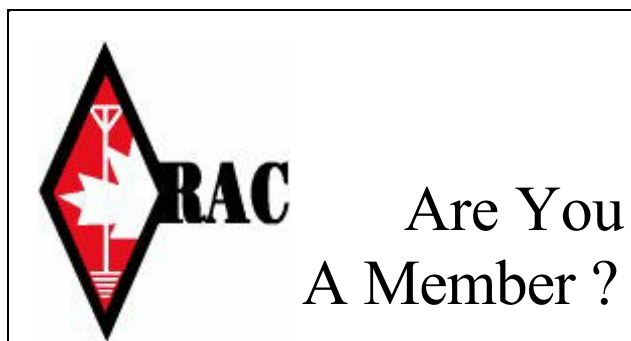
The is pals underway to produce another MB Blue Book in time for the Winnipeg Hamfest. As this may be the last printed version of the Blue Book for a very long time, we need to make sure that we have correct addresses and phone numbers for everyone.

If you have moved or changes your phone number since early 2004 ( the last Blue book date) or your info was inaccurate in the last Blue Book, please send updated information to Bill, VE4UB at [bluebook@ve4sss.ca](mailto:bluebook@ve4sss.ca).

If you would like to advertise in the Bluebook please contact Bill at the above email as well. Your advertising will be view able for many years do it definitely worth the minor costs involved Remember this may be the last blue book for a very lone time.

### CQ Prize Donations By David, VE4DAR

As Chair of the Prizes Committee for WARC's 2008 Hamfest, I am seeking prize donations for the prize draws. While Dick VE4HK is trolling for the major prizes from ham radio suppliers, I am harvesting for smaller items. Although you may choose to donate money or a gift certificate, I'm not adverse to accepting clean, relatively new items from your ham shack or home. So check around and contact me [ve4dar@rac.ca](mailto:ve4dar@rac.ca) or I'm good in the Blue Book



### AO-51 Satellite Cardboard Model By Stefan, VE4NSA

I have just finished the 1st prototype of an AO-51 cardboard model design and would like to give a few dedicated individuals the opportunity to actually build the model and help me with the final design and the necessary instructions. At this stage I will need individuals that have built cardboard models (ships, airplanes, rockets etc.) before and don't need detailed instructions but know the tools that are required to assemble such a model.

Pictures of the current prototype can be seen at:

[www.msig.ca/model.html](http://www.msig.ca/model.html)

It is still a work in progress and hopefully will end up as a product that AMSAT can offer for a donation. I designed the model in a 1:1 scale but for the purpose of this project it has been reduced to 75% size. This will allow builders to print it on regular size photo paper and still have a beautiful model for display in the shack or wherever.

Building the model will require time, patience and a color printer since the model is distributed as pdf files. This form of distribution will save me paper and will allow you to print it as many times as you need (trust me, once you messed up the first piece, you will be glad that you can print it again).

As mentioned above, I am looking for up to five test builders (with experience) that are willing and able to finish the model in four to five weeks. No, it is not a two hour project and dedication to detail and exact cutting and gluing is required. Those that help and provide me with updates on their progress and final feedback will get the final distribution files as well as the model files in a 1:1 scale.

Send me an email off line if you are interested!  
[Stefan\\_wagener@hotmail.com](mailto:Stefan_wagener@hotmail.com)

### IRLP Net By Ron, VE4MGR

The IRLP net seems to be doing fine , quite a few people join us each and every Wednesday evening @ 0100 UTC on the Western Reflector located in Las Vegas Nevada # 9250. We plan to stay with 0100 UTC regardless of time changes. Would also like to thank the many clubs, node owners, repeaters for the maintenance of the equipment. HATS OFF !!



## News from the Net

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### **Amateur Radio Satellite AO-16 reconfigured**

AO-16 has been reconfigured to provide Radio Amateurs with a novel FM to SSB satellite transponder. AO-16 was a Digital satellite running an AX.25 protocol store-and-forward communications system. Since that aspect of the system has now reached the end of its days the dedicated team of AMSAT volunteers has successfully reconfigured the satellite to give it a new lease of life as a voice transponder. The uplink is 145.920 FM, and the downlink is 437.026 SSB +/- Doppler shift. Please restrict your uplink power to a reasonable level, and do not transmit without being able to hear the downlink. All the general single-channel guidelines apply. Enjoy this bird's new life! --AMSAT

### **RADIO STANDARDS: NIST EYES EAST COAST VERSION OF WWVB**

The National Institute of Standards and Technology or N-I-S-T is considering setting up a U.S. East Coast low-frequency radio station broadcasting N-I-S-T time signals. This, to complement the present 60 KHz, WWVB broadcast. John Lowe, the WWVB station manager, recently said that the proposed new East Coast broadcast would operate with the same time code format as the present WWVB signal, however at a different carrier frequency. One frequency being discussed is 40 KHz, "Eight years ago, the power of the WWVB broadcast out of Colorado was increased from 13 kW to 50 kW and has since been increased to 70 kW. But even at this power level there are locations on the East Coast that have difficulty consistently receiving the time signal. Advocates say an East Coast broadcast would make the time code easier to receive by radio-controlled clocks and spur development of radio-controlled timing devices in appliances and other consumer products. John Lowe is seeking comments about the possibility and asks that readers write to him. His e-mail address is lowe at boulder dot nist dot gov -- WIA

### **Emergency Communications**

The next IARU EmComm Party on the Air is scheduled for the 3rd of May between 1800 and 2200 hours UTC, this should enable more stations from Region 2 to participate as well as providing a greater challenge to the rest of the world since emergencies can happen at any time. The details of the exercise (to be called a Simulated Emergency Test or SET) are being finalized. -- WIA

### **Amateur service at 70 MHz**

The CEPT Working Group on Frequency Management is being asked to consider a secondary allocation to the Amateur service at 70 MHz. This arose from an initiative by

I.R.T.S. There are allocations at 70 MHz in Croatia, Denmark, Estonia, Greece, Ireland, Luxembourg, Monaco, Slovenia and the UK. Other countries are reluctant to release the band for experimentation and research until it is formalized either in Article 5 of the ITU Radio Regulations or in the European Common Allocations Table. -- WIA

### **Greenland on 5MHz.**

Hams in Greenland should soon be on 5 MHz. This, following reports that government regulators in Greenland has approved the use by radio amateurs of seven spot frequencies in that band. Peter Thulesen is OX3XR. He reports that the Greenland Telecom Administration has approved the use by hams of these centre frequencies of 5260, 5280, 5290, 5368, 5373, 5400, 5405 KHz. No effective date was included in Thulesen's information. More should be available at [www dot tele dot gl/uk/index.htm](http://www.tele.gl/uk/index.htm) (southgate) -- WIA

### **MULTIPSK 4.7 RELEASED BY F6CTE**

Patrick Lindecker F6CTE has release a new version of the popular MULTIPSK data modes software. The latest upgrade provides Automatic Repetition Request and Fast Acknowledged Exchange when operating in A-L-E and A-L-E 400 modes. It also features an improvement of the Outlook Express or equivalent outgoing mails handling, and automatic transfer of received ARQ FAE messages to Internet addresses via Outlook Express e-mail. The new release called MULTIPSK 4.7 is on line at [f6cte.free.fr](http://f6cte.free.fr) -- WIA

### **2010 Olympics seeks amateur radio volunteers**


The Vancouver Olympics Committee (VANOC) has given Radio Amateurs of Canada details of their search for ham radio volunteers for the Olympic Winter Games (Feb. 12-28, 2010) and Paralympic Winter Games (March 12-21, 2010). Volunteers must have or arrange their own local accommodation in Greater Vancouver or Whistler areas. Of the 25,000 volunteers required, Amateur Radio operators are needed for technical roles during preparation for and during the Olympic events. The on-line volunteer application form, at [www.vancouver2010.com](http://www.vancouver2010.com), includes space to list skills

**DIAMOND  
IMAGE**

Floyd Rolph VE4 FDR

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

- South Western & Victorian home decor
- ty Beanie Babies
- Balloon bouquets & decorating
- Gifts
- Printing eg: Business cards, letterhead, envelopes
- Wedding invitations



and experience. If the applicant wishes a communications or technical role, they should add a key phrase on their application form, to make it easy for VANOC to identify them. In the fifth (final) application page, add the words "Amateur Radio Operator" in a box called "Additional Information...". For volunteers with professional skills and experience, VANOC has provided a second keyword to be entered on the last page of the form. This keyword is available from RAC Directors, RAC Assistant Directors in B.C., RAC Section Manager Mike Hale VE7DXD, and ARES officers in BC. For more info, contact BC/YT RAC Director Ed Frazer at ve7ef at shaw dot ca

#### ***New Names ON RAC Executive***

On 26 February 2008, the Board of Directors of RAC conducted a teleconference meeting to elect two new members to the RAC Executive:

- Jim Hay VE2VE of Pointe Claire QC was elected Vice-president, Technical and Administrative Services. This election confirms Jim's recent assumption of responsibilities for RAC's information technology requirements.

- John Bartlett VE1OZ of Hammonds Plains NS was elected Vice-president Public Relations and will lead RAC's efforts to develop strategies to improve RAC's membership across Canada and to promote Amateur Radio to the Canadian public.

#### ***Ditch the Mouse***

Gizmag are reporting on the first Commercial Brain-Computer Interface! They say brain computer interface technology pioneer Emotiv Systems will have its Neuro headset to market before Christmas 2008 and for a lightweight \$300. So what does it do? The set detects conscious thoughts, expressions and non-conscious emotions based on electrical signals around the brain. It opens up a plethora of new applications which can be controlled with our thoughts, expressions and emotions. Imagine just thinking the frequency and mode on that FT9999 rig and it is automatically there -- *WIA*

[www.gizmag.com/the-first-commercial-brain-computer-interface/8860/](http://www.gizmag.com/the-first-commercial-brain-computer-interface/8860/)

#### ***10 chip puts Australia on the fast track***

a new silicon chip is predicted to revolutionize the way household gadgets like televisions, phones and DVD players talk to each other. The tiny five-millimetre-a-side chip can transmit data through a wireless connection at a breakthrough five gigabits per second over distances of up to 10 metres. The "GiFi" was unveiled at the Melbourne University. It uses the 60 GHz "millimeter wave" spectrum to transmit the data, which gives it an advantage over WiFi (wireless internet). (submitted by Dennis Muldownie VK6KAD) -- *WIA*



**Winnipeg  
Amateur  
Radio  
Club**

**Hamfest**

**August 8 – 10, 2008**

**Hilton Suites – Winnipeg Airport  
1800 Wellington Avenue  
Winnipeg, MB R3H 1B2  
voice: 204-783-1700  
tollfree: 1-800-HILTONS  
fax: 204-786-6588**

[www.winnipegairportsuites.hilton.com](http://www.winnipegairportsuites.hilton.com)

All bookings must mention [Winnipeg Amateur Radio Club](http://www.winnipegairportsuites.hilton.com) in order to get the negotiated group rate.

**Hamfest Web site:**

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

**In conjunction with the  
Radio  
Amateurs Of  
Canada  
Annual General  
Meeting & Forum**



## Antenna Sitting Committee

The City of Winnipeg is initiating a review of its Zoning By-law regulations related to the sitting and establishment of communication antennas and towers. The Winnipeg Amateur Radio Club is being invited to participate in an Industry Advisory Committee proposing to create a document called a "Protocol" consistent with Industry Canada's guidelines for radiocommunication and broadcasting antenna systems.

They are proposing to undertake this review in close collaboration with the communication industry. The Industry Advisory Committee (IAC) to serve as a forum for open discussion, and enable us to receive advice and feedback from the industry.

Representatives are being invited from Rogers Communication, Telus, MTS, broadcasters, amateur radio operators and wireless internet providers to form the membership of the IAC together with staff support from the City.

It is anticipated that there will be approximately one meeting per month over the next several months to complete the project. The industry would like to see the Protocol prepared and approved by Winnipeg City Council as quickly as possible to provide predictability and transparency for operational needs.

The Winnipeg Amateur Radio Club is looking for a couple of experienced Amateur Radio Operators who have the knowledge in HF antennas and their support structures and can represent all amateurs in Winnipeg. We will need to explain why Amateurs need certain types of antennas and height to make our communication efficient. We have to remember we are dealing with non-technical people, and we will only get one chance at this.

Those interested may contact Derek Hay, VE4HAY ve4hay@shaw.ca. Form those looking to help out, we will form a committee of our own with the chair of our committee going to the Industry Advisory Committee.

**Remember, if we want to make sure that Amateurs have fair access to erecting Support Structures for Antennas in the City of Winnipeg, we need to be represented here. If you have the knowledge, speak up now. This is very important.**

## QTX~ By Derek, VE4HAY



Did you know:

- ☛ MARM has a new Website domain: MARMINC.CA
- ☛ The 45th International Ham Fest at the Peace Garden July 11, 12 & 13
- ☛ CQoogle.com is a "Ham only" search engine designed meaning what ever is entered into the search box, will be filtered and only ham radio results are seen. The key benefit being any Ham looking for a particular subject, will not have to sift through lots of 'false positives' as they would on other search engines.

I need to apologize at this point, if you received your Newscaster late, it is my fault. Well only sort of. You see I ma late it getting it submitted to our printer. **Floyd @ Diamond Image** does a great job of printing the newscaster for us. At no real cost to us either, but he needs more than just a days notice for this printing. MY daughter was in the Provincial High School curling championships so I had to attend and I was not finished the newscaster yet. I was still waiting for Articles. Our fearless president had a death in his family and we can all accept his article being last minute, I also got articles from ARES & the Meeting minutes, But what about the rest of you. I had the newscaster open and waiting for articles before I had to go support the family. I would have thought that by now we would have at least some articles in drawer waiting for printing. Surely there are aspiring authors out there with a little technical knowledge they want to share. By now you should all be knee deep in your HomeBrew projects. How about an article on what you are building. So if you get this in time, Please thank Floyd for a rush printing job.

I certainly did not help and either did you.....

**DIAMOND IMAGE**

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