



The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club
<http://www.virtualmultimedia.com/warc/>

September 2002

Free to Members

Eyeball QSO's Summer DX Story Swapping Meet the new Executive

Date: September 9th, 2002
Time: 7:30 p.m.
Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

Articles:

WARC: October 21, November 18, December 9 - Cafeteria
January 13, February 10, March 10, April 14 - Cafeteria
May 12, June 9

WSC: Sept. 12th Breakfast - Canad Inn Garden City
Sept 5th - Radio Course Starts
Sept 16 - 17 - Computer Course
Sept 19 - Board Meeting
Dec. 10th - Christmas Party

ARES: Sep 17th - Briefing for Public Service Events.

Other:

| | |
|-----------------------|-----------------------------------|
| Nets: Daily 01:00 UTC | MB Evening Phone net 3760 KHz |
| Daily 01:30 UTC | Prairie traffic Net (CW) 3660 KHz |
| Daily 02:30 UTC | Aurora #2 net 7055 KHz |
| Weekdays 9:00am | Seniors morning net 147.390 MHz |
| Wed. 9:00 pm | Six Meter net 50.240 MHz. |
| Thursday 9:00pm | MRS Net 147.390 MHz + |
| Sunday 1:00pm | MRS Net 147.390 MHz + |

The President's Call

By Louis, VE4PLJ

Hello everyone. This is Louis Gaudry VE4PLJ your new president of W.A.R.C. Well another summer has passed us by again, and I hope everyone had a great one. Wow did it ever go fast. It seems like just yesterday I was attending my first ever field day at Birds Hill Park. By now for the ones that have cabins they have closed them up for another season, and for the kids. They are back at school.

This years W.A.R.C. executive has some new faces on board, and the September 9th, 2002 meeting would be a great time for you to come out and meet them. We will have a table set up for registration for anyone that would like to renew there membership or to join for the very first time. On behalf of your executive I would like to say bye for now, and hope to see you all on September 9th 2002.

News Winnipeg Senior Citizens Radio Club

By Gil Frederick, VE4AG, President

Our annual picnic has come and gone for another year – and it was a great success. The weather was most favourable for an outside event – the food was delicious (as usual), the music was 'easy listening' thanks to Ed Henderson, VE4YU, and the wind-up with Paul Palace, VE4PXP on his guitar, singing songs we all love to hear, was almost the icing on the cake. Why almost? Well, we did indeed have a cake, a 65th birthday cake that was shared by all, for Gord Finch, VE4GF (congrats Gord!).

WARC: Executive for 2002-2003

| | | |
|-------------------|--------------|--------------------------|
| Past President | Darcy Wilson | VE4DDW |
| President | Louis Gaudry | lsgaudry@mb.sympatico.ca |
| Vice-Pres | John Pura | ve4qv@rac.ca |
| Secretary | Ruthie Maman | rmaman@mb.sympatico.ca |
| Treasurer | Fred Venema | fvenema@shaw.ca |
| Membership | Mark Blumm | ve4mab@rac.ca |
| Program | Glen Napady | ve4gwn@rac.ca |
| Director at Large | Rick Allan | rickalla@mts.net |

Industry Canada Amateur Centre
 Voice 1-888-780-3333 (toll-free)
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 Web: <http://strategis.ic.gc.ca/spectrum>

Comments or if you just want to reach us :

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 Newsletters - past issues
<http://www.ve4.net/newsletters.html>

We had 85 signing in, and a few children to brighten proceedings. Thanks to all the helpers who pitched in to make this day a happy one for all who attended- with a special thanks to the ladies who prepared the food tables and handled the ticket sales. Let's hope that next year we have the same success - it will be our 20th Anniversary of the Incorporation of WSCRC!

The WSCRC, once again this Fall, is offering courses geared for Seniors (but anyone can attend, depending on space available and demand). The first course to be offered is the Basic Amateur Radio Course, which will allow you to pass the BASIC Amateur Radio exam and qualify for a station licence. This course begins September 5, 2002; being held on Monday and Tuesday evenings, from 6:30 p.m. to 9:30 p.m. (except Nov. 11). It will end with exam on December 2, 2002. Cost is \$30.00, plus cost of RAC study guides for those wishing to purchase these. To register or for information, call: Sandy Sandwith at 633-2877.

The second course is Basic Computer Hands-On Course, which will teach the student computer basics, Windows 98, Microsoft Word and Internet access. The first course will be on September 16 and 17, 2002, on Monday and Tuesday daytime, from 10 a.m. - 3 p.m. with a lunch break from noon to 1 p.m. To register or for information on this course, call Ed Henderson at 694-0667.

Incidentally, if there are any readers who are licensed radio amateurs, retired and 55+, and wish to be involved in a great seniors' club, please consider joining the WSCRC. Membership is by application and approval of the WSCRC Board. The club is located upstairs at 598 St. Mary's Rd., and

is usually open Monday thru Friday, from 9 a.m. until 3 p.m. Visitors are most welcome! Phone 233-3122 to talk to a duty officer at the club. For information, call our secretary, George Gillespie at 774-6378.

Our next monthly breakfast will be on Thursday, September 12th, at Canad Inn Garden City, McPhillips at Jefferson. Start time is 9 a.m.

Our next Board meeting will be held at the Clubrooms on Wednesday, September 18th, and starts at 10 a.m. Members are invited to attend.

Tickets for the Christmas Dinner are now available at the club - see any duty officer. Cost is \$15.00 per person, and it will be the usual turkey dinner with all the trimmings, catered by the same company as last year. Location is the Assiniboia Christian Centre, Portage at Rouge Rd. Date is Tuesday, December 10th, and doors will be open at 11 a.m. Dinner is expected to be served at noon. You are welcome to bring your spouse, companion or a friend. So get your tickets now while they are in plentiful supply. 73 until next month.

Minutes for W.A.R.C. June 10, 2002
Submitted by Ruthie, VE4CRS

Meeting called to order by VP Tom VE4SE at 1930 hours. Introductions followed Tom's welcome. 39 members and one guest attended.

Minutes as printed in May Newscaster were corrected as follows: - In further business section "(Ruthie, check location)" to be struck out. Motion to accept minutes as corrected by Derek VE4HAY and seconded by Dick VE4HK. Carried.

- President: - Vice President - Treasurer: -
- Secretary: -
- Membership: -
- Programing: -

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Treasurer's Report Sue VE4SYM

Income statement as of May 31, 2002:

| | |
|---------------------------------|------------|
| Total Revenue | \$ 207.00 |
| Total Expenses | \$ 337.00 |
| Net Income (Loss) for the Month | \$(130.00) |
| Bank Balance | \$5,385.33 |

Membership Mariska VE4MMG

Membership dues are due end of September. Mariska already taking renewals. Membership form located back page of Newscaster.

Programs Glen VE4GWN

Glen recapped this meeting's program : committee reports, elections and presentations. Programs for September and October already filled. Always open to members' suggestions.

RAC Rick VE4OV

VE5FX DJ Madson was appointed Director for Midwest instead of Rick Lord VE4OV. Rick expressed his disappointment that Norm VE4EH was not appointed as Rick had recommended, and that the decision made was not his. Rick praised the incoming director. Adam VE4SN will be our contact with him, representing Manitoba, his assistant director.

ARES and Marathon Report by Tom VE4SE

Planning for 2002 Manitoba Marathon is complete, subject to last minute changes from Marathon organizers or volunteers unable to participate. Report includes detailed description of amateur organizations contributing facilities and/or volunteers for the operation. There are 70 volunteer amateur radio operators. Communications will be handled on two closed directed repeater nets. New for this year is the coverage for Course Transit Buses and back-up operators. Volunteer briefing is Tuesday 11 June 1900 hours at Manitoba Sports Federation 200 Main St. - Next Ares meeting is June 25th, 2002.

DX Sleuths Adam VE4SN

Rare contact BQ9P Pratis Island in the China Sea. No one lives there. Dxpediton to go there. Typhoon took down all antennas. Weak signal, not under best propagation conditions. On 15 and 20 m. till June 15th.

Flea Market Ed VE4EIH

Flea Market was a success. Thanks to all volunteers who helped out with various aspects of market. Volunteers were: Ron VE4MGR, Glen VE4GWN, Rosi VE4YYL, Eric VE4EWN, Sue VE4SYM, Bert VE4AND, Louis VE4PLJ, Ruth VE4XYL, Tom VE4SE, Jim VE4AJR. There were no problems. Ed brought up idea to advertise for next year to

motivate new hams, however, ED VE4YU advised that there is a problem with advertising as we need a license from the city.

MARM

Austin, August 16th and 17th, 2002. \$8.00 admission. Dinner at 5:00 PM.

MRS Dick VE4HK

WPG site has been worked on. Better coverage and signals are up.

Marathon – WPG repeater to be used for the Marathon on June 16th. Asked members not to use the WPG while marathon was on.

CNR – stay off!

ARC – new repeater. 145.230-, on top of holiday north towers. Not linked to Tulon repeater. No tone access.

Field Day Bob VE4RCJ

Will be operating three HF stations.

Looking for volunteers for vehicles and set-up for Saturday AM. Need van/light truck. Food by Ruth VE4XYL and Sue VE4SYM – new menu. Dinner served between 5:00 – 6:30 PM. Supper only. Water and coffee supplied. Set-up people on your own for lunch Saturday. Left-over food for lunch Sunday. Need one more tent. Overnite camping, left of gate. Site is booked for Saturday and Sunday. Bring your own lawn chair.

New Business

VE4YU ED. Senior's community booth at St. Vital Shopping Centre on August 11th and 12th, Tuesday and Wednesday. Club volunteers are welcome to come out and man booth.

Presentations VE4EH Norm.

Oscar Award for the year 2001-2002 was presented to Adam Romanchuk VE4SN. Adam has been a mentor, an active ham for many years, and has been our QSL man for 8 years. Adam is most deserving of this award. We wish Adam many more years of activity in the Amateur Radio community.

Keyman Awards - VE4SE Tom

Presented to Louis Gaudry VE4PLJ, for his personal and heart-warming presentation of his achievements.

Presented to Robert Jacobs VE4RCJ, David Rosner VE4DAR and Richard Sheriden VE4ESX for their achievements in organizing Field Day 2001 and bringing it to its new height. Job well done and appreciated.

Elections David VE4DAR

David and Harm VE4HAZ of nominations committee introduced slate of 5 executive nominees. They are: -

VE4FV Fred Venema
VE4MAB Mark Blumm
VE4QV John Pura
VE4PLJ Louis Gaudry
VE4RA Rick Allan.

Nominees from floor: - none.

Included on above slate are two present executive members who are staying on: -

VE4GWN Glen Napady
VE4CRS Ruthie Maman

Being a quorum present. - Motion that slate be accepted by acclamation by David VE4DAR and seconded by Dick VE4HK. Carried.

Both the new and the outgoing executive will meet in summer for hand-over. Rick Lord VE4OV thanked the outgoing executive. Members applauded. Suggestion by David VE4DAR for new executive to have a look at nominating procedure, and to write a proposal. Tom VE4SE reminded everyone that the outgoing executive is still active! Dates have been reserved for next year's meetings and Flea Market. Ruth VE4XYL expressed a wish that coffee be managed by another member. No volunteers.

Prizes:

Attendance- Verne VE4VQ Crimping tool kit and VA4AA Multi-Meter.

Door Prize: - Ruthie VE4CRS Socket set.

Meeting adjourned 2030 hours.



WPGARES President Richard Kazuk VE4KAZ presents WPGARES patron Dick Higgings VE4RHG with a Certificate of Appreciation at 25JUNE02 WPGARES General Meeting.

**October 31, 2002. Membership Report
by Mariska Maguire VE4MMG**

My term as Membership Chair is up and this will be my last report. The next report will be submitted by the new Membership Chair in the October Newscaster. I hope everyone had a great summer vacation.

I would like to remind everyone that WARC memberships are due at the end of Sept 2002. I invite all members who have not renewed and any new potential members to join WARC. Please see the application form elsewhere in this Newscaster or visit the WARC Web Site at <http://www.virtualmultimedia.com/warc>

**From the Planning Chair:
Glen, VE4GWN**

As I look back, I wonder what happened to summer! I know that we had one, but it went by so quickly.

It seems like only yesterday that Bob VE4RCJ and his helpers organized a wonderful field day. I would have liked to see more people there, but other than that I can't think of how it could have been improved. I must mention Ruth VE4XYL & Sue VE4SYM for the hard work they put in to feed us at field day. THANK YOU ALL!

I was unable to make it to the International Hamfest, or Camp 807 therefore I can't comment on them. MARM on the other hand was a good event. I left a rainy Winnipeg, and had a great time in Austin, under the sun. The attendance appeared to be down, but a good time was had by all. I will repeat what I have said every year "if you go just for the dinner, it would be time well spent".

September will be an introduction to the new executive, and an extended coffee brake. October will be about Propagation. With so much information available either on the internet, or via WWV it would be nice to make sense of it. I have asked Adam VE4SN to come and show us how to interpret this information. For November I have invited Ed VE4YU to come and explain to us what Radio Contesting is all about. Maybe after this I will no longer shut down every time I hear "CQ CONTEST".

I would like some input, or suggestions (volunteers?) for presentations this year. I can be contacted most evenings by phone at 831 8082, e-mail ve4gwn@rac.ca and of course I monitor the VE4WPG repeater (147.390+) most evenings.

Winnipeg ARES Report

by Jeff, VE4MBQ - Winnipeg EC

Dick Higgins VE4RHG was recognized at the 25JUN02 Winnipeg ARES meeting by Executive and members with a Certificate of Appreciation recognizing his on-going support of Winnipeg ARES. Captain Ron Shaw from DND Domestic Operations Detachment gave us an excellent education session dealing with how DND get involved with operations within Canada in aid of the civil authorities (domestic operations).

Winnipeg ARES "EMO Team" members were involved at VE4EMO in the Manitoba Emergency Coordination Centre twice in June. On 11JUNE there was a call-out to staff VE4EMO due to severe flooding in South East Manitoba, operated 1300-2200h 11JUNE and then stand-by thru 2300h 12JUNE. Participants were VE4s EH, HK, TJR, WF, DAR, MBQ. Another stand-by operation was in place for VE4EMO 0800h 25JUNE - 2300h 27JUNE for possible MECC activation during flood crest. Participants were VE4s: SE, GWN, KU, AND, WF, ESX, MAQ, KAZ, WTS, MBQ

Seventy-three amateurs provided volunteer amateur radio communications for the 2002 Manitoba Marathon 16JUN, see Marathon Report.

July and August were fairly quiet months for us, except for some CANWARN call-outs. September promises to be a busy month for us. Volunteer operators are required for:

Terry Fox Run SUN 15SEP (briefing at WARC meeting coffee-break)

Head of the Red Regatta SAT 21SEP at Winnipeg Rowing Club

Parkinson Superwalk SUN 22SEP at StVitalPark.

Please contact MBQ ASAP if interested in any or all of the events. Briefing for Head of the Red Regatta and Parkinson Superwalk will be at our monthly meeting TUE 17SEP 1900h Sir Wm Stephenson Library 765 Keewatin Street.

**DIAMOND
IMAGE**

Floyd Rolph VE4 FDR

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Hints & Kinks

by Ralph, VE4RY

Subject: Cheap and Simple Audio Enhancement

Many musicians and professional sound engineers are aware of the problems caused when low end response is maintained flat. PA systems, home theatre audio, recording studios and high quality bass guitar amplifiers often have a high pass filter available to remove the rumble and extraneous low frequency noise that can accompany the signal they're amplifying. This filter causes a roll-off at the lower end of the spectrum, say from 50 to 100 Hz down. When a high pass filter is inserted, the amplifier is capable of cleaner and higher undistorted output, basically since the filter eliminates the very powerful pulses at very low frequencies. These signals are not really part of the desired audio, but they nevertheless place large instantaneous demands on the power supply. An example of this is when a bass guitar string is plucked: the initial attack of the string starting into motion creates a pulse of only several hertz, while the lowest possible note is actually 41.2 Hz. Also, in PA systems, sounds such as the letters "P" and "B" have a similar effect. In amateur radio, a transmitted signal's audio can quite often be made clearer by "cutting the lows" somewhat. As in the previously mentioned examples, high fidelity does not necessarily mean effective communication.

The simplest way to reduce low frequency response is to insert a capacitor in series in the hot audio line, with a value of about 1/10 that which would be required for flat response. On high impedance mic inputs, a .005 mfd cap is about right and on low impedance inputs, 0.33 mfd has the same effect. The rolloff rate is 6 dB/octave for a single capacitor. More elaborate filters are sometimes used for rates of 12 and 18 dB/octave, but the loss increases and the simplest way gives the most bang for the buck. A word of caution: you may have to increase the capacitor value a bit if you keep getting reception reports that you seem to be "off tune". Some operators look for a "manly" sounding voice when they tune in on your signal. A little experimentation helps find the correct value that matches your voice. Some microphones even have a switch labelled "Local" and "DX" that cuts in a capacitor on the "DX" position. You may even find reception is clearer if you use the same treatment on the speaker. Use non-polarized (or two electrolytics with the +'s together and of twice the value). Try 50 mfd caps for a start. Good DX!

News from the Net

New TV Documentary to Feature Amateur Radio

Now news of a unique new television documentary series which will feature amateur radio in a big way. ['The Human Race'](http://home.earthlink.net/%7Ebdesj/index.html) <http://home.earthlink.net/%7Ebdesj/index.html> is a project which pits two radio amateurs against one another in a race around the planet. One heads east and the other west. The racers are tracked on a website by fellow radio amateurs who participate in the race by transporting the racers from place to place. Both teams are followed by television production crews documenting the race. Throughout the production phase, amateurs will be interviewed on camera to tell the story of amateur radio to television viewers. The race will begin in the American midwest in June 2003 and will conclude when the two teams meet one another at a point half way around the world in December next year. The producer of the programme is William Desjardins, W1ZY - RSGB

UK to Authorize 5MHz Experimental Operation

Amateur Radio experimental operation on 5 MHz in the United Kingdom could be as soon as early August. The Radio Society of Great Britain has announced that the Radiocommunications Agency (RA) and the UK's Ministry of Defence have granted permission to allocate five frequencies in the range 5250 kHz to 5450 kHz. The announcement opens up the possibility of the first Amateur Radio transatlantic contacts on 60 meters.

Earlier this year, the FCC, responding to an ARRL petition, proposed allocating 5250 to 5400 kHz to US amateurs on a secondary basis. ARRL-sponsored experimental operation under the call sign WA2XSY continues.

The RSGB said the purpose of what it's calling "The Fivemegs Experiment" is to carry out propagation and antenna investigations aimed at improving the understanding of near zenithal radiation or near-vertical incidence skywave (NVIS) propagation. Frequencies to become available are 5260, 5280, 5290, 5400 and 5405 kHz. "These will be made available in the form of 3-kHz bandwidth channels by way of a Notice of Variation (NoV) to individual Amateur Radio licence holders," the RSGB announcement said. Applications will be accepted starting July 29.

According to the RSGB, NoVs will only be issued to Full Class-A license holders. As a "controlled experiment," UK amateurs authorized to operate on 5 MHz will be required to report their findings and results to the RSGB.

The Radiocommunications Agency is expected to issue the first NoVs on or around August 1, with experimental

operation getting under way a day or two later. The RSGB anticipates that the experiment will run for up to four years, terminating around August 2006.

An application form for UK amateurs and further details are available via the RSGB RSGB Web site <<http://www.rsgb.org>> or via e-mail ar.dept@rsgb.org.uk.

An amateur allocation in the vicinity of 5 MHz has long been an objective of the International Amateur Radio Union. The IARU's Administrative Council has approved a long-term goal of "a narrow allocation, even on a shared basis in the vicinity of 5 Mhz." --ARRL

Review under way of unlicensed 2.4 GHz systems:

The AMSAT-NA Board of Directors is reviewing the large number of unlicensed systems active in the 2.4-GHz band. These systems are being used for high-speed digital communications. Although these systems are not licensed, they are permitted to operate under FCC Part 15 rules with low power (100 mW or 1 W spread spectrum). AMSAT-NA and ARRL plan to develop a joint strategy regarding S band, as both organizations anticipate that interference may become a problem area as similar Part 15 unlicensed equipment proliferates. Two amateur satellites, UO-11 and AO-40, now operate transmitters in the 2.4-GHz band, and both OSCAR-Echo and OSCAR-Eagle--two AMSAT-NA satellite projects now under development--will have S-band transmitters. In addition, various ATV systems and other amateur communication systems operate in the vicinity of 2.4 GHz. The FCC has proposed making amateurs primary at 2400 to 2402 MHz. AMSAT-NA seeks reports from amateurs who have experienced interference with 2.4-GHz reception of AO-40 from a Part 15 device. Send details to ve3frh@amsat.org. --AMSAT News Service

To all Amateur Radio operators : Our frequency bands need your help.

The Monitoring System (MS) of the International Amateur Radio Union (IARU) <http://www.iaru.org> is dedicated to identifying and removing all non-Amateur radio stations from those Amateur bands which are allocated exclusively to the Amateur and Amateur-Satellite Services by the <http://www.itu.int/home/index.html> International Telecommunications Union (ITU). Stations which violate these frequency allocations are called intruders. The work of the IARU MS is carried out by volunteer Amateur Radio monitors all over the world, working for their national Amateur Radio societies and co-ordinated by the IARU MS in each of the three [ITU regions of the world](http://www.echelon.ca/iarumsr2/ituregions.html). <http://www.echelon.ca/iarumsr2/ituregions.html>

In ITU Region 2 (South, Central and North America) the following frequency bands have been allocated by the ITU exclusively to the Amateur or Amateur-Satellite Services :

1.800 - 1.850 MHz
 3.500 - 3.750 MHz (except in Honduras, Mexico, Peru, Venezuela)
 7.000 - 7.100 MHz (world-wide except in some African and Middle Eastern countries)
 7.100 - 7.300 MHz (but not in Regions 1 and 3)
 14.000 - 14.250 MHz (world-wide)
 14.250 - 14.350 MHz
 18.068 - 18.168 MHz
 21.000 - 21.450 MHz (world-wide)
 24.890 - 24.990 MHz (world-wide)
 28.000 - 29.970 MHz (world-wide)
 50.000 - 54.000 MHz
 144.000 - 146.000 MHz (world-wide except in China)
 146.000 - 148.000 MHz (except in Cuba and Guyana)

In ITU Regions 1 and 3 similar (but not identical) allocations have been made.

Some intruders appear in our bands unintentionally, by administrative or technical error, but others are there intentionally and illegally. Some intruders are commercial or military communications, some are international or domestic shortwave broadcasts, but most intruders are ordinary citizens who have obtained a radio transmitter and are using it without a licence and without any regard for the international frequency allocations that govern all legitimate users of the radio spectrum. It is only by reporting all intruders to the proper authorities that we might ever clear the Amateur bands of this unnecessary interference.

If you hear a non-Amateur radio station in any of the above Amateur bands and you believe that the station is not located in any of the excepted countries, please report <http://www.echelon.ca/iarumsr2/report.html> the station to the MS Co-ordinator of your national Amateur Radio society <http://www.echelon.ca/iarumsr2/contact.html>. Please note that the IARU MS is not a 'police force'. Only national governments can enforce the radio regulations. The Monitoring System achieves its goals by co-ordinating and facilitating the sharing of relevant technical information among IARU member societies, and by encouraging the enforcement of applicable radio regulations by national telecommunications administrations.

You can help to defend the Amateur Radio bands. Contact your national Amateur Radio society. --IARU

RAC WEBSITE EDITOR (Webmaster) WANTED

Radio Amateurs of Canada, the non-profit organization which promotes Canadian Amateur Radio interests in Canada and represents those interests at home and abroad, is seeking a spirited volunteer to be responsible for day-to-day administration and maintenance of its world-wide internet website.

This is an exciting opportunity for the right person to join other volunteers who are directly involved in providing vital services to all Canadian Radio Amateurs.

The person must have sufficient spare time to dedicate to the position, be a full RAC member in good standing, a licenced Radio Amateur of some experience, a resident of Canada and be familiar with and supportive of the aims and objectives of RAC. Experience in -- and knowledge of -- web page hosting, HTML code, UNIX/LINUX, FTP and Javascript is essential. Some familiarity with CGI/PERL and Microsoft Front Page would be an asset.

A good command of the English language is required but fluency in both official languages would be a definite asset in order to facilitate on-going expansion of RAC member services in French. Good interpersonal skills are essential.

The volunteer will work independently from his or her own home anywhere in Canada and be responsible to the RAC Board of Directors through an editorial advisory group. Responsibilities will commence immediately following an orientation period.

Those who meet the requirements and are interested in this unpaid volunteer position are asked to send a résumé, via email ONLY, to RAC Headquarters, email address RACHQ@rac.ca, at the earliest opportunity.

MANDATORY HDTV TUNERS FOR NEW TV SETS

In the USA the FCC has mandated the inclusion of DTV tuners in nearly all new TV sets. Tuners in some of the larger sets will be required by July 1, 2004, and all new sets 13" and larger must have DTV tuners by July 1, 2007. --- WIA news

Callbook to Cease

Radio Amateur Callbook will cease publication of its CD-ROM Callbook product effective with its winter 2003 edition, which will come out in November. "Due to accessibility to the FCC database via the Internet, sales have declined to levels that make it unprofitable to publish future editions," publisher Bob Hughes announced in a recent news release.

In 1997, citing "rising costs and increasing demand for electronic publishing" the company phased out its telephone-book-size paper North American and international editions in favor of its CD-ROM product. The 1997 Callbook--the 75th edition--was the last hard-copy version available. The Callbook began publishing in 1920. (arrl letter) --- WIA news

RAC Bulletin

02-059E Special Prefixes

September 1 to October 31, 2002

Authority has been granted by Industry Canada to use National Special Event Call Signs for the celebration of the of the 125th Anniversary of Japanese immigration to Canada.

Special Event Prefixes will be:

| | |
|----------------------|-----------------------|
| CK1 for VE1's | CJ1 for VA1's, |
| CK2 for VE2's | CJ2 for VA2's, |
| CK3 for VE3's | CJ3 for VA3's, |
| CK4 for VE4's | CJ4 for VA4's, |
| CK5 for VE5's | CJ5 for VA5's, |
| CK6 for VE6's | CJ6 for VA6's, |
| CK7 for VE7's | CJ7 for VA7's, |
| CK8 for VE8's | CK9 for VE9's, |
| CY1 for VO1's | CY2 for VO2's, |
| CZ0 for VY0's | CZ1 for VY1's, |
| CZ2 for VY2's | |

This authority is valid from Sept. 1st - to Oct 31, 2002

Contest Calendar

September, 2002

| | | | |
|--------------------------------|-------|-------|--------|
| MI QRP Labor Day | CW | 2300Z | Sep 2 |
| All Asian DX Contest | SSB | 0000Z | Sep 7 |
| IARU Region 1 Field Day | SSB | 1300Z | Sep 7 |
| North American Sprint | CW | 0000Z | Sep 8 |
| DARC 10-Meter Digital Contest | | 1100Z | Sep 8 |
| QRP ARCI End of Summer | PSK31 | 2000Z | Sep 8 |
| YLRL Howdy Days | | 1400Z | Sep 11 |
| WAE DX Contest | SSB | 0000Z | Sep 14 |
| ARRL September VHF QSO Party | | 1800Z | Sep 14 |
| North American Sprint | SSB | 0000Z | Sep 15 |
| Tennessee QSO Party | | 1800Z | Sep 15 |
| AGB NEMIGA Contest | | 2100Z | Sep 20 |
| ARRL 10 GHz Cumulative Contest | | 0800L | Sep 21 |
| | | 0800L | Sep 22 |
| Scandinavian Activity Contest | CW | 1200Z | Sep 21 |
| Washington State Salmon Run | | 1600Z | Sep 21 |
| | | 1600Z | Sep 22 |
| Panama Anniversary Contest | | 1200Z | Sep 22 |
| Fall QRP Homebrewer Sprint | | 0000Z | Sep 23 |
| CQ/RJ Worldwide DX Contest | RTTY | 0000Z | Sep 28 |
| Scandinavian Activity Contest | SSB | 1200Z | Sep 28 |
| Texas QSO Party | | 1400Z | Sep 28 |
| | | 1400Z | Sep 29 |
| Louisiana QSO Party | | 1400Z | Sep 28 |
| | | 1400Z | Sep 29 |
| Anatolian DX Contest | | 1600Z | Sep 28 |
| Alabama QSO Party | | 1800Z | Sep 28 |

October, 2002

| | | | |
|--------------------------------|-------|-------|--------|
| TARA PSK31 Rumble | | 0000Z | Oct 5 |
| Oceania DX Contest | Phone | 0800Z | Oct 5 |
| EU Autumn Sprint | SSB | 1500Z | Oct 5 |
| California QSO Party | | 1600Z | Oct 5 |
| QCWA QSO Party | | 1800Z | Oct 5 |
| RSGB 21/28 MHz Contest | SSB | 0700Z | Oct 6 |
| YLRL Anniversary Party | CW | 1400Z | Oct 9 |
| 10-10 Day Sprint | | 0001Z | Oct 10 |
| Oceania DX Contest | CW | 0800Z | Oct 12 |
| EU Autumn Sprint | CW | 1500Z | Oct 12 |
| Pennsylvania QSO Party | | 1600Z | Oct 12 |
| | | 1300Z | Oct 13 |
| FISTS Fall Sprint | | 1700Z | Oct 12 |
| Iberoamericano Contest | | 2000Z | Oct 12 |
| North American Sprint | RTTY | 0000Z | Oct 13 |
| YLRL Anniversary Party | SSB | 1400Z | Oct 16 |
| JARTS WW RTTY Contest | | 0000Z | Oct 19 |
| ARCI Fall QSO Party | | 1200Z | Oct 19 |
| Worked All Germany Contest | | 1500Z | Oct 19 |
| Asia-Pacific Sprint | CW | 0000Z | Oct 20 |
| RSGB 21/28 MHz Contest | CW | 0700Z | Oct 20 |
| Illinois QSO Party | | 1800Z | Oct 20 |
| CQ Worldwide DX Contest | SSB | 0000Z | Oct 26 |
| ARRL International EME Contest | | 0000Z | Oct 26 |
| 10-10 Int. Fall Contest | CW | 0001Z | Oct 26 |

2002 Manitoba Marathon Jeff Dovyak VE4MBQ

It has been previously reported that the Marathon would be a joint venture between WARC and WPGARES. The organization of the Marathon Amateur Radio committee has also been previously explained. Our 2002 Manitoba Marathon Operation went very, very well. There were 73 volunteer amateur operators race day, thanks to VE4s:

HAY, RCJ, JCM, AJR, KAZ, EH, ACX, RST, VV, KU, UK, DOG, MAQ, GRM, QEW, EAR, MBQ, MAB, TJR, SE, XYL, GWB, XT, DJM, JHJ, WTS, CDP, DLM, MJM, BN, GWN, YYL, QB, DAR, CRS, NQ, HAZ, AJO, GZ, WF, AFL, AND, EIH, BSR, HGD, MED, YG, CLK, MMG, ESX, ODB, OHB, SYM, TRO, YU, SN, MGR, MHZ, GLS, EY, ERS, MJM, BUG, EWN, DAN, FV, TAJ, HK, VA4AA, Nancy, Betty, Gisele, and Luke.

This year we provided operators for the 4 Winnipeg Transit course buses that sweep the course for runners that have exited as well as arranging for 4 back-up operators to be on stand-by for 4 or 5 course stations "just in case".

Although the operation officially was a joint operation between WARC and WPGARES we could not have such a successful event without the cooperation of many amateur organizations. Thanks to:

Manitoba Repeater Society
 University of Manitoba Amateur Radio Society
 Winnipeg Senior Citizens Radio Club
 Prairie Mobile Communications
 Winnipeg Amateur Radio Club
 Interlake ARES
 Sun Valley ARES
 Winnipeg ARES

Several amateurs loaned personal equipment for use by others, primarily for APRS on course vehicles. Thanks to:

| | |
|-------------------|--------|
| Yori Tsuji | VE4ACX |
| James Ross | VE4AJR |
| Grant Delaney | VE4HGD |
| Glen Napady | VE4GWN |
| Robert Stegmaier | VE4RST |
| Adam Romanchuk | VE4SN |
| Wayne Schellekens | VE4WTS |

Two of the Coordinators (KAZ and MBQ) attended a Technical Committee debrief 20JUNE. It appears that the amateur radio component was the only element of the Technical Committee to present a written report. Our comprehensive report covered Planning, Operations (including Final Roster and List of Resources), and Lessons Learned/Concerns/Suggestions. All of our volunteers were asked for their feedback, in many cases their reports were sent directly to the Marathon Technical Director. A copy of the 2002 Lessons Learned was made available to our volunteers. A copy will be provided to the new WARC President.

Thank-you cards were sent out in early July to our volunteers and organizations that supported our operation.

Editors Ramblings **By Derek VE4HAY**

Did you Know

Royden, VE4RTB has earned 2 Bronze (100 points each) for the Canadian Provinces Award. Roy is doing the award differently than most other operators. He applies for the award exclusively on individual bands. So far he has earned the award on 80m, 40m, 20m. Fine effort Roy. For more info on the award please check <http://www.tpn7055.ca/cpa.html>

I hope everyone had a great summer. Now it's time to start planning for the antenna project for the winter. Yes it's only 3 short months away. I am still waiting for your articles you wrote this summer, please submit A.S.A.P.

I hope you read this newsletter completely. Because there is an interesting article in here about "The Human Race". If you did not read this, then go back and read it. Then check out the web site. I wonder why RAC is not involved in this yet !!

That's it for now, Running out of room
 73

A Computer Poem for Users Over 40 **Submitted by Ruth, VE4XYL**

A computer was something on TV
 From a science fiction show of note
 A window was something you hated to clean
 And ram was the cousin of a goat.

Meg was the name of my girlfriend
 And gig was a job for the nights
 Now they all mean different things
 And that really mega bytes.
 An application was for employment
 A program was a TV show
 A cursor used profanity
 A keyboard was a piano.

Memory was something that you lost with age
 A CD was a bank account
 And if you had a 3-inch floppy
 You hoped nobody found out.

Compress was something you did to the garbage
 Not something you did to a file
 And if you unzipped anything in public
 You'd be in jail for a while.
 Log on was adding wood to the fire
 Hard drive was a long trip on the road
 A mouse pad was where a mouse lived
 And a backup happened to your commode.

Cut you did with a pocket-knife
 Paste you did with glue
 A web was a spider's home
 And a virus was the flu. I'll stick to my pad and paper
 And the memory in my head
 No one's been killed in a computer crash
 But it makes their face turn red!

Winnipeg Amateur Radio Club



Attn: Membership
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> | | <u>Packet 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 one only) | | Advanced or Basic | |
| HF Endorsement (please circle one only) | | Yes or No | |
| 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"/> Packet | <input type="checkbox"/> Amtor | <input type="checkbox"/> Rtty | <input type="checkbox"/> SHF/EHF |
| <input type="checkbox"/> Satellite | <input type="checkbox"/> SSTV/FSTV | <input type="checkbox"/> Antenna | <input type="checkbox"/> QRP | <input type="checkbox"/> Other _____ |

Other Clubs:

| | | | |
|------------------------------|-------------------------------|------------------------------|---------------------------------------|
| <input type="checkbox"/> MRS | <input type="checkbox"/> ARES | <input type="checkbox"/> WSC | <input type="checkbox"/> Other: _____ |
|------------------------------|-------------------------------|------------------------------|---------------------------------------|

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