



News-caster

The Official Publication of the
Winnipeg Amateur Radio Club
Winnipeg Senior Citizens Radio Club

June 1998

Industry Canada & the no-fee License

Plus the annual WARC Elections

Date: **June 8th, 1998**
Time: 7:30 p.m.
Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

Articles: All summer long to submit articles

WARC: June 27-28 - Field Day

WSC: June 11 - Breakfast (Norlander Inn)

ARES: June 16 - Message Handling
July 21 - TBA

Other: June 21 - Marathon (City of Winnipeg)
July 10,11 International HamFest (Peace Garden)
July 31- Aug. 2 Camp 807 (Fort Frances)
August 22 - 4th Annual Austin HamFest
April 24, 1999 - WARC HamFest & Flea market

WARC: Executive for 1997-98

Past President	Richard Kazuk	VE4KAZ	895-4778
President	Norm Coull	VE4EH	885-1692
Treasurer	Rick Lord	VE4OV	275-6980
Secretary	Ruth Mills	VE4XYL	837-6915
Vice-President	Larry Burkhardt	VE4LRB	487-0509
Program	Dave Wood	VE4KU	895-7067
Membership	Dan Michaelis	VE4SYG	339-3018

Words from the President of WARC: by Norm, VE4EH

Another beautiful day! This bodes well for outdoor activities such as antenna raising, the Manitoba Marathon, Field Day, the International HamFest, and the MARM Fest.

The Manitoba Marathon will be held on Father's Day June 21, 1998. Those interested in volunteering to assist with the communications, please contact Kay, VE4YF or Ralph, VE4RY.

Field Day June 26/27, 1998 will, once again, be held at Falcon Lake which combines the opportunity for relaxation, fun in the sun and a traditional amateur radio communication event. Those individuals requiring accommodations or wishing to volunteer their services, please contact Derek VE4HAY.

The International HamFest will be held July 10,11, and 12, 1998, at the International Peace Gardens.
(Note: This year is the 35th Anniversary of the event).

As the sole Canadian sponsor of the event this year, we are in need of prizes to cover our half of the scheduled events. It is hoped that the general membership of WARC will come forward with small prizes suitable for a child or adult. If you wish to assist contact Ruth VE4XYL or Tom VE4SE.

The MARM Fest will be held August 22, 1998, at Austin MB. Those individuals wishing tickets to the banquet to be held at 1700 hrs, please contact Ruth VE4XYL or Tom VE4SE. Tickets must be purchased no later than August 15, 1998, so that the organizers know how many people will attend the banquet. Ticket costs are \$8.00/adult and \$4.00/child.

The June meeting is election night, to replace those members of the executive whose terms are complete with the resumption of club activities in September.

The Clubs monthly meetings will not be held during July and August but will resume in September. I would like to

take this opportunity to thank the executive and the membership of WARC for the support provided during my tenure.

On behalf of the executive, we hope you enjoy the summer, and return in the fall, rejuvenated, and prepared to pursue the marvellous hobby of Amateur Radio.

FOR THOSE MEMBERS THAT HAVE NOT PICKED UP THEIR CLUB JACKETS, THEY WILL BE AVAILABLE AT THE JUNE MEETING. PLEASE BRING YOUR CHEQUE BOOKS.

WARC HATS WILL ALSO BE AVAILABLE AT A COST OF \$8.00/HAT.

Winnipeg Senior Citizens Radio Club
Edited by Gil Frederick , VE4AG , &
Paul, VE4OPC.

By the time you read this, our Seniors' Club should have an e-mail address; hopefully, we will also have a homepage at an early date. Listen to the Seniors Net on VE4WPG at 9:00 a.m. each weekday morning (Monday through Friday) for updates. Better still, if you're listening to the net, and have your license, check in!

At our Board meeting on Wednesday, May 20, the members voted to keep the membership age requirement as specified in our Constitution - that is, a person must be at least 55.

Paul, VE4OPC, has been designated as the custodian for the CFARS station CIW510, operated from our clubrooms.

We have been advised by Frank Green, VE4FA, that he is moving out of town, and wishes his membership to be revoked. Bon voyage and best wishes Frank in your new abode.

Len, VE4LEN, advised that the breakfast held at Garden City Inn, ably handled by George, VE4GNG, had a turnout of 23. The next breakfast is scheduled for the Norlander Inn on



Thursday, June 11, beginning at 9 a.m. YOU, friends, relatives are all welcome - the more the merrier!

Adam, VE4SN, on behalf of the Rules Committee, presented the draft of the Club Rules, a copy to each Board member - with the request that all peruse the pages, make notes of anything else they would like to see included, any changes desired, any errors, and return the sheets (or make verbal suggestions) to Adam, VE4SN during the summer months. It is hoped that the Committee can meet again in September to finalize this document so it can be put into use quickly.

Nom, VE4EN, reported that current membership stands at 175.

Gil was asked to put out the next 'Sparks' newsletter in August so that there is ample notice for the Basic and Code classes starting in early September, as well as notice of the Fall picnic. As well, we will have an update on our Internet operation, and CFARS.

There will also be advance notice of the Christmas Party, which will be catered (roast turkey and all the trimmings). Tickets will be made available beginning September 1, and Pres Paul asked that members buy tickets early so the Social Committee can gauge the response. Price, and this includes EVERYTHING, is \$15.00 per person, or \$25.00 per couple. Site is the Legion Hall in East St. Paul where it was held last December. Date is December 10, 1998.

The Spring cleaning of the clubrooms was done with vigour and verve - and Alf, VE4ALF and Colin, VE4JCM, thank those that turned out and did such a good job. The place fairly sparkles!

Bert (Andrews), VE4AND, showed the members a brochure detailing the program for the MARM HamFest in Austin, to be held this year in August. He advised that the deadline for banquet tickets is August 15, and they can be obtained from Tom, VE4SE and Ruth, VE4XYL.

Again, permission has been granted for the 'loan' of our TS-430 and A.C. generator to WARC for use in their upcoming Field Day (June 28 weekend) activities at Falcon Lake ¾ a VE4WSC member will be in attendance as custodian of our equipment.

Another summer activity that many of our members partake in is the CAMP 807, this year being held at Fort Frances, ON. Dates are July 31, August 1 and 2. Site is the Holiday Village Campground. Check-ins and camp setups begin at 12 noon on Friday (2 m talk-in on 146.82 -); general activities begin at 7 p.m., and include a campfire, and games. For those daring souls, at 1 minute past midnight there will be skinny dipping!!! (site not mentioned). On Saturday, breakfast is your responsibility, and HamFest activities start

at 10 a.m. The steak supper (and it is good) begins at 5:30 p.m., costs \$8.00. You must bring your own plate and utensils. At 7:30 there will be Presentations. The evening ends with a campfire, skits and songs, and socializing, starting about 9 p.m. Sunday there will be a Continental breakfast, for \$3.00, beginning at 8 a.m. At 10 a.m., there is the closing meeting and discussion, with the Radio Draw and Prize Draw, which should end about noon. Radio Draw tickets are available from Gil VE4AG, at \$5.00 each, with 3 prizes to be awarded: HTX-242 2m mobile transceiver, HTX-202 2m handheld, and a 5/8 mobile antenna. Further info can be obtained, by e-mail to Walter Seis, VA3WKS [wgseis@fort-frances.lakeheadu.ca] or by phone at (807) 274-0374; or from Tom Drew, VE3GHD, R.L.A.R.C., Box 722, Fort Frances, ON P9A 3M1, tel. (807) 274-5808. A brochure has been posted at the club, which also lists area motels, with prices.

ARES Committee Report by Jeff, VE4MBQ - Winnipeg EC

Our 19MAY98 meeting featured Jim Ross VE4AJR who gave us a critique of the 1998 Dog Sled Net operation. We also watched a "Storm Watch" video from Environment Canada.

1998-99 Dues (\$10) are due this month. Please include a passport type photo with your dues payment as we will be issuing new ID cards.

We have a number of operations booked for late summer/early fall that we need volunteer operators for:

Sat 08AUG Canadian National Triathlon at Birds Hill Park
Sat 12SEP Corporate Rowing Challenge
Sun 13SEP Parkinson Superwalk
Sun 20SEP Terry Fox Run (4 Sites)

We have put together a second 50 Watt VHF mobile kit with transceiver, power supply, intermod filter, antenna, etc for deployment to VE4EMO if requested.

The CANWARN spotter training has wrapped up for now, as soon as the VHF station is set up at the Wx Office we will have a session for WARES members who will act as CANWARN Controllers. We will likely have an HF station in the next phase.

Our next meeting is Tuesday 16JUN98, Dick Maguire VE4HK Message Handling. We are meeting in July, 21JUL98, topic TBA. We may or may not meet in August, will announce at the July meeting. Our first fall meeting is 15SEP98. All WARES monthly meetings are held at Sir Wm Stephenson Library 765 Keewatin St at 7:30 PM.

MINUTES for W.A.R.C. April 13, 1998 Submitted by Ruth, VE4XYL

no minutes were taken at the last meeting.

Manitoba Marathon

AMATEUR RADIO for BEGINNERS

Instructor: Larry R. Burkhardt
Electronics Engineer

The current course is already running but, I am now taking names for the next course.

If you who know of anybody (XYL, YL, OM or just a friend) who is interested in taking this course, Please pass on this information and have interested parties contact me personally at 487-0509 after 6 p.m.

by Ralph, VE4RY

Fathers' Day - Sunday, June 21st

Thanks in advance to those who have already volunteered for the 1998 Manitoba Marathon. It's the Marathon's 20th anniversary and they enthusiastically support us as course communicators for this event, since it is only through our amateur radio facilities that their communications requirements can be met so efficiently.

We still require more hams. A two meter rig is your main requirement. And a couple of hours of your time on the morning of Fathers' Day, June 21st. This is a great opportunity for new hams to get the feel of what this wonderful hobby has to offer.

The pre-marathon meeting for all ham volunteers to attend is at 7 PM on Tuesday, June 9th at Manitoba Sports Federation, 200 Main street. It's on the second floor.

Please give Kay, VE4YF a call at 669-5077 (between 9 a.m. and 9 p.m.) or Ralph, VE4RY 663-8894 anytime

RAC Bulletins

Reply-To: rachq@king.igs.net

RAC Bulletin 98-40E

70 CM AMATEUR BAND IN USA THREATENED

The 70cm Amateur Radio band in the USA is under attack by commercial interests. The ARRL has advised U.S. radio amateurs (Bulletin ARLB030) that the U.S. Land Mobile Communications Council (LMCC) has asked the FCC to immediately reallocate 420 to 430 MHz and 440 to 450 MHz from the U.S. federal government to the Private Mobile Radio Service (PMRS) on a primary basis. Amateur Radio in the USA now enjoys the use of 420 to 450 MHz on a secondary basis, and the 430 to 440 MHz segment is an international allocation. The 70-cm band is the second most popular of the amateur radio service's VHF/UHF allocations, with substantial FM repeater and other operation in the 440 to 450 MHz segment and a variety of uses in the 420 to 430 MHz segment.

RAC is not aware of any similar initiative in Canada. Canadian radio amateurs use 430 to 450 MHz. on a secondary basis. The 420 to 430 MHz. band is not available to Canadian amateurs; it was reassigned to the Mobile (primary) and Fixed (secondary) services several years ago.

The FCC has called for comments by 1 June, 1998, on the LCMM's petition for rule making, designated RM 9267. The rule making is currently a domestic U.S. issue, but there could be international consequences if approved in whole or in part. Canadian amateurs should not take action at this time. RAC is monitoring the situation and consulting with the ARRL and IARU. RAC will advise of any action needed from the Canadian amateur radio community to assist these sister organizations in opposing the LMCC's initiative. In addition, RAC will raise the matter with Industry Canada at the 25 May CARAB meeting.

RAC will provide late-breaking information via the RAC web site and RAC Bulletins. Full reports will be included in The Canadian Amateur. Stay tuned.

73

Jim Dean, VE3IQ
1134 Plante Drive,
Ottawa, ON, Canada, K1V 9E8
Telephone (613) 733-5585,
fax (613) 733-5585.
e-mail: jgdean@igs.net

The anTENna Commandments

Gleaned from VE4RY by VE4SYG.

- ☞ The higher the better, except for rare occasions when you are at the base of a mountain. The signal refracting over the top of the mountain remains close to and perpendicular to the ground, and at least on two meters you get a better signal at ground level.
- ⊕ Ground-independent antennas are almost always the best. The only place a 5/8 may outperform a J-pole is on the roof of a semi-trailer.
- ⊕ There is no such thing as 'one-way skip'; reciprocity rules!
- ⊕ Even though ten meters may seem dead at times, give a CQ: there are interesting aurora effects and occasionally there will be someone to answer you. We used to have a 9 PM net in Winnipeg and were surprised one night to find a half dozen hams check in from Denver, even when the band was dead.
- ⊕ On HT's the longer the antenna, the better, up to 1/2-wavelength. The 5/8 isn't as good because it depends on ground counterpoise.
- ⊕ A tuner won't improve your signal if the SWR is already lower than 1.5-1.
- ⊕ Going from 100W down to 20W output power will hardly be noticed at the other end.
- ⊕ Going from 100W to 1KW will only increase the receiver's S-meter reading by 1 S-unit.
- ⊕ Most two meter antennas work quite well on the third harmonic: UHF. The angle of radiation is at 45 degrees, however.
- ⊕ Everyone forgets that on a G5RV antenna at 20 meters, there are, besides the four lobes of gain, also four lobes of NULL in between the lobes. And while the lobes may be +3dB, the nulls are -20dB. So if the lobes correspond to your desired directions of operation, fine. A straight dipole out-performs a G5RV sometimes. Personally, I prefer non-resonant lengths (like 42 feet per side) to give a more omni-directional pattern and less 'off the ends' gain on 10 and 12 meters.

The Watch

Parkside Appliance & Electronics



**Sales & Service of
Computers &
Software
Home repairs offered**

John. VE4JNF

by John K1RC (john-k1rc@juno.com)

relayed by Ed, VE4EAR

Jake is struggling through a bus station with two huge and obviously heavy suitcases when a stranger walks up to him and asks "Have you got the time?" Jake sighs, puts down the suitcases and glances at his wrist.

"It's a quarter to six," he says.

"Hey, that's a pretty fancy watch!" exclaims the stranger. Jake brightens a little.

"Yeah, it's not bad. Check this out"... and he shows him a TIME ZONE display, not just for every time zone in the world, but for the 86 largest metropolli. He hits a few buttons and from somewhere in the watch a voice says "The time is fifteen-forty-five" in a very Western Texas accent. A few more buttons and the same voice says something in Japanese. Jake continues, "I've put in regional accents for each city". The display is unbelievably high quality and the voice is simply astounding.

The stranger is struck dumb with admiration "That's not all", says Jake. He pushes a few more buttons and a tiny, but very high-resolution map of New York City appears on the display. "The flashing dot shows our location by satellite positioning," explains Jake. "View recede ten," Jake says, and the display changes to show eastern New York state with true/magnetic North, and grid square references.

"I want to buy this watch!" says the stranger.

"Oh, no, It's not ready for sale yet; I'm still working out the bugs," says the inventor. "But look at this," and he demonstrated that the watch is also a very creditable little 10-meter radio transceiver with an auto tuner, memory keyer, DVK and a sonar device that can measure distances and tower heights up to 125 meters, a call logger with thermal paper printout for hard copy, and most impressive of all, the capacity for voice recordings of up to 300 standard-size books, "Although I only have the US/Foreign callbooks, QSL bureaus and managers and all the Antenna Compendiums in there so far," says Jake.

"I've got to have this watch!" says the stranger.

"No, you don't understand; it's not ready."

"I'll give you \$1000 for it!"

"Oh, no, I've already spent more than that."

"I'll give you \$5000 for it!"

"But it's just not..."

"I'll give you \$15,000 for it!" And the stranger pulls out a checkbook.

Jake stops to think. He's spent \$8500 for materials and Development, and with \$15 000 he could make another one, and have it ready for market by the Dayton HamFest. Plus, getting the 10-meter high power capability would be the easiest things by the next CQ 10 Mtr. contest. And the extra money might allow him to add computer contest logging...

The stranger frantically finishes writing the check and waves it In front of him. "Here it is, ready to hand to you right here and now. \$15,000. Take it or leave it."

Jake abruptly makes his decision. "OK", he says, and peels off the watch. They make the exchange and the stranger starts happily away.

"Hey, wait a minute," calls Jake... after the stranger. The stranger stopped and turned as Jake points to the two suitcases he'd been trying to wrestle through the bus station: "DON'T FORGET YOUR BATTERIES!"

Hints & Kinks by Ralph, VE4RY

Dots for use as pointer markers on ham equipment, stereo, automotive and appliance controls can be easily made using a single 1/4-inch hole punch. You can make a whole bunch out of one gummed label or use coloured tape. Numbers or letters can be added with a marker pen, if required. And, reflector tape offers interesting possibilities as well. Use different coloured dots on the batteries for your HT, for example.

I once helped someone sort out his TV and VCR remotes by putting matching dots on the appropriate units. Finally, a nice bright dot sure makes the power switch on a TV set easier to find.

Upcoming Radio Events

June

13-15	ARRL June VHF QSO Party
27-28	Field Day

July

11-12	IARU HF World Championship
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August

1-2	ARRL UHF Contest
15-16	ARRL 10-GHz Cumulative Contest

September

12-14	ARRL September VHF QSO Party
19-20	ARRL 10-GHz Cumulative Contest

The History of Amateur Radio Revisited

THE SUPERHETERODYNE RECEIVER



U.S. PATENT OFFICE

Condensed and submitted by Ed, VE4YU

Part 10

The long-promised FREE PRESS high-powered transmitter finally went into service on Thursday, July 27, 1922. A brick superstructure to house the transmitter, power supply and an artist's studio had been built on the roof of the FREE PRESS under the west antenna tower. The station had a power of 1600 watts.

A two-hour initial program on the new set featured well-known singers, pianists and violinists. The Princess Pat's band played three numbers and Sergeant Everson gave a cornet solo. The FREE PRESS waxed ecstatic the next day in telling of "the rare galaxy of talent" whose "superb performance ... caused a furore". The newspaper said it was flooded with congratulations from distant points on the strength of the signal and the clarity of the modulation which was "unequaled in the short history of radio in Western Canada."

Broadcasting was not the only new development in Manitoba radio in 1922. The previous summer, the Forestry Branch of the Department of the Interior, which was responsible for natural resources, had asked the Air Board, the forerunner of the R.C.A.F., to fly patrols over the area east of Lake Winnipeg where valuable stands of spruce were being ravaged by forest fires. The Air Board set up a staging depot on the Red River at the foot of Glasgow Avenue in Winnipeg, with operational bases at Victoria Beach on Lake Winnipeg and engine flying boats were dispatched to fly the Manitoba mission. Carrying a crew of ten, the F3's had a cruising speed of 80 miles per hour.

Officials of the Interior Department were so pleased with the results of the 1921 operation that three more planes were added to the fleet. In August, 1922, the Royal Canadian

Corps of Signals installed radio stations for the Forestry Branch in the old Customs House in Winnipeg and at Victoria Beach and Norway House. These stations were used for interbase communications and the dispatch of aircraft.

In 1921, experiments conducted with radiophone equipped planes, flying the area along the eastern slope of the Rockies, had shown that an average range of 150 miles with good commercial speech could be maintained. This meant that aircraft in the Lake Winnipeg district could be in continuous contact with either Victoria Beach or Norway House. Major W. A. Steel of the Signal Corps offered to install radio transmitters in the F3's flying but the Air Board commandant rejected the suggestion saying that the flying boats carried reliable homing pigeons and they would continue to rely on them in emergency situations. Each flight had on board two birds trained by a pigeonier. In the event of a forced landing, a released pigeon would, hopefully, return to its home base within a few hours. This policy remained in effect for several years and R.C.A.F. planes were not equipped with two-way radios until the 1930's.

On June 14, 1922, the Radiotelegraph Branch was transferred back to the Department of Marine and Fisheries and by September 1st, the branch had been reorganized and a revised set of regulations promulgated. Significant in the new regulations was the establishment of three new classes of station license: private commercial broadcasting, amateur broadcasting and private receiving station. The rule that the owner and operator of a station must be a Canadian citizen, or other British subject, was waived in the case of the private receiving station for which a dollar was charged.

NEXT MONTH ...

The amateur radio broadcasting station .. Regenerative receivers .. Broadcast Interference (BCI) .. conversion to vacuum tubes

The above information is taken from a publication available at the Manitoba Archives, produced by George F. W. Reynolds, VE4AJ, who became a silent key in 1996.

Condensed and submitted by Ed Henderson, VE4YU - 1998

International Callbook Registration

The Winter 1999 Radio Amateur Callbook is being compiled. And if you want to make sure that you are in the call book, please send the following information via either;

E-mail: 103424.2142@compuserve.com
 or by Mail: Radio Amateur Callbook
 1695 Oak Street
 Lakewood NJ 08701

Include your callsign, name, address, phone number, fax number, mail address, and a comment line of up to 60 characters. Being placed in the callbook will ensure that amateurs from all over the world will be able to look you up.

Hints & Kinks by Ralph, VE4RY

Lawn Chair Portable

Not being able (or inclined) to monitor the discussion mentioned by Dan (VE4SYG) on the last UHF net, I humbly submit the following.

The designation 'portable' as applies to an amateur transmitter is to indicate that the emissions from the station are from a location other than that indicated on the station license.

If you are within a close proximity to your home QTH, the 'portable' designation is not applicable. Even if you are on a portable radio.

You would be portable if you were at the Bird's Hill Park campground, even with a 200-pound Collins HF system, but you would not be 'portable' on a mini HT in your back yard.

I wonder how many portables that check in on the two-meter nets are properly identified, hihi.

Repeaters

There is a new repeater in town on 146.760 (the old VE4CNR frequency) The ID for the repeater is VE4PMC Give it a try and report any signal strength readings to VE4LRB.

Field Day/98 By Derek Hay

Field Day this year will once again be held at Falcon Lake as it was last year and three years ago. All amateurs are invited to come out and make some contacts. HF experience not required, but it always helps. Field Day this year is June 27 & 28 with preliminary setup on the evening of the 26th.

It looks like this years Field Day will be down in attendance from last year. Too bad really, as the bands are more open this year and we will make more contacts than ever. I have booked about 8 people into the hotel, and have given up the rest of the rooms I had on hold. But if anyone is still interested please get in touch with me as soon as possible and I will see if there are any rooms still left. There is of course lots of room at the campgrounds and at the other motels around.

If anyone has a particular time that they would like to operate please make sure I know about it so that you can be scheduled in. Otherwise, anytime you feel like operating please feel free to step up and start keying away.

We are planing on having 3 HF stations going this year and also utilizing the new digital modes for added points. While this is a contest where contacts count and points are awarded, it is also a lot of fun from the novice to the most experienced DX'er. So come on out if not for the weekend at least for the day. Who knows you just might get bitten by the bug. (that's the HF bug.)

Late-Breaking news... there is a rumor going around (and I have started it) that we may have some new rigs to test out for field day. I have planted the idea that we test drive those fancy HF rigs that are being promoted these days into Mike, VE4TCH of Comtelco Electronics and he has passed it onto both Kenwood and Yaesu who seem to be enthused about the idea. They will have to check it out with their head-office, but this could be a great time to demo that new rig you were thinking of purchasing. (Sort of like test driving a new car.) Now you have even more reasons why you should attend Field Day this year.

MARMFest 4

August 22, 1998

Austin, Manitoba

Registration is \$5.00

Fleamarket opens at 12:00 noon (\$5.00/table)

Banquet starts at 5:00 pm (\$8.00)

Prize draw at 7:00 pm

Dance at 9:00 pm (BYOB) (\$8.00)

Camping is available for those who wish at \$12.00 for electric and \$10.00 for un-serviced.

Radio Controlled Aircraft display and fun fly.

Talk-in Frequency is on 146.910 MHz. (-600)

VE4ARM/VE4MTR

Contact Dave Snyder for more info @ 728-2463

CAMP 807

July 31 - August 2

Holiday Village Campground

Fort Frances, ON

Friday: general activities 7 p.m. campfire, games.

Saturday: 00:01 skinny dipping!!! (site not mentioned).

breakfast is your responsibility

10:00 HamFest activities

17:30 Steak supper \$8.00 You must bring your own plate and utensils.

19:30 there will be Presentations followed by a campfire, skits and songs, and socializing

Sunday 8:00 Continental breakfast \$3.00

10:00 there is the closing meeting Radio Draw (2 m talk-in on 146.82 -)

Editors Ramblings

BY Derek, VE4HAY

As you can see from the above and other places in this months newsletter the summer will be busy. Please try to support everything as much as possible.

73

have a great summer

I can be reached by e-mail at: ve4hay@rac.ca.

35th International HamFest

July 10 -12

International Peace Garden

Special events on this years programs are:

Honoring the founders with a presentation.

Each person registering will receive a momento commemorating this occasion.

An HF transceiver for this years main draw prize.

Several commemorative prizes.

Dedication ceremony for the hydro installation to the over flow campground.

2 Mtr hunt prizes.

Mobile judging prize.

Prizes for scavenger hunt for the kids.

Spot dance prizes.

Multi-choice auction items.

The Winnipeg Amateur Radio Club (WARC), along with Bismark and Minot clubs are hosting this years HamFest.

WE NEED MEMBERSHIP PARTICIPATION. Let's make this the best HamFest ever. mark your calendar now and plan the for event.

If you are able to donate prize for the various events we are in real NEED for KIDS PRIZES.

Volunteers to help out are still required. Response has been very slow. Do we really want the Minot club to have more volunteers that we can produce. Let's show them that it takes to be a Winnipeg Club member Give Ruth Mills VE4XYL a call now and offer your support to help out your club and the 35th International HamFest.. Phone 837 6915

Field Day

June 27-28

Falcon Lake

Manitoba Marathon

June 21st.