



The **NEWSCASTER**

The Official Publication of the Winnipeg Amateur Radio Club

<http://ve4.net/warc/>

September 2005

VE4BB

So you have HF Privileges !! Now What??

Date: **September 12th, 2005**
Time: 7:30 p.m.
Place: Sturgeon Creek Regional Secondary School

Other Important Dates:

WARC: October 10, November 14, December 12 - Christmas Party, January 9, February 13, March 13, April 10- Homebrew Night, May 8, June 12

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

ARES:

Other:

Nets: Daily 19:00 local	MB Evening Phone net 3747 KHz
Daily 01:30 UTC	Prairie traffic Net (CW) 3660 KHz
Daily 02:30 UTC	Aurora #2 net 7055 KHz
Daily 14:30 UTC	MB Wx Net 3743 KHz
Weekdays 9:00	Seniors morning net 147.390 MHz +
Wed. 02:00 UTC	MB IRLP Net 147.27 MHz +
Wed. 9:00 pm	Six Meter net 50.238 MHz USB
Thursday 9:00 pm	MRS Net 147.390 MHz +
Sunday 9:00 pm	MRS Net 147.390 MHz +

Program Chair By Derek, VE4HAY



Welcome back to what I hope to be an exciting year of programs. I am your new program chair for the year. I have a few ideas for programs but not enough to fill the year. So if you have any ideas please send me an e-mail or call and we will see what can be done.

This month however, instead of an eye ball QSO as has happened in the prior years, I would like to have a presentation. With the recent changes to the regulations and a lot of potential new people allowed on HF, I thought that this might be a good time to hold a HF forum. This will entail seasoned, experienced HAM's who have been and still are active on HF. They would be explaining the in's and out's of HF operations i.e. - frequencies, band plans, modes, rigs, antennas etiquette, DX, contests, emergencies, QSL cards, everything including the kitchen sink. The panel will take predetermined questions as well as questions from the floor. So if you were a Basic HAM and are now classified as Basic Honours, this is your chance to get caught up with the rest of the gang. And even if you have already had your HF endorsement, come on out and learn something or at least lend a hand of expertise.

I am also looking for other topics to discuss at future meetings, So if there is something you would like to see presented, please let me know. Of if you have a topic you want to present to the members. Give me a call and we will schedule you in.

WARC: Executive for 2004

Past President	Louis Gaudry	lsgaudry@mts.net
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Director at Large	Vacant	

Gazette Notice DGRB-003-05**Department of Industry*****Radiocommunication Act***

Notice No. DGRB-003-05 – Revisions to Amateur Radio Operator Requirements Relating to Morse code

Notice is hereby given that Industry Canada is revising the amateur radio operator requirements relating to Morse code. Morse code will no longer be the sole additional requirement by which Canadian radio amateurs will gain access to the HF bands, but it will remain as one valid criterion.

Background

During the World Radiocommunication Conference in the summer of 2003 (WRC-2003), a decision was made by the member administrations of the ITU to remove from the international Radio Regulations the mandatory requirement for proficiency in Morse code as a qualification for access to the bands below 30 MHz (i.e. high frequency (HF)) within the Amateur Service. In July of 2004, the Radio Amateurs of Canada Inc. (RAC), the national association representing Canadian amateurs, submitted to Industry Canada a proposal in which they made several recommendations as to how the Canadian amateur service could be restructured to recognize the changes in the international regulations. Industry Canada subsequently sought public comments to that proposal for a 60 day period starting August 20, 2004.

An analysis of comments received was published on Industry Canada's Spectrum Management and Telecommunications Web site in January 2005. The analysis concluded that there is general support for the de-emphasis of the ability to send and receive Morse code as the sole additional requirement for radio amateurs to gain access to

the bands below 30 MHz. The Department, through this notice, is announcing its revised policy change to the required standards for radio amateurs accessing bands below 30 MHz.

Assessment of the RAC Proposal and Consultation

Prior to analyzing the elements of the RAC proposal, the Department first assessed the validity of the following three factors presented by the RAC as fundamental arguments:

There must be an awareness of the impact of this action (i.e. elimination of the Morse code requirements) upon existing reciprocal agreements and other arrangements which permit Canadian radio amateurs to operate in other countries and foreign radio amateurs to operate in Canada.

The Morse code examination must continue to be available in Canada for the benefit of radio amateurs who may require such a qualification for operation in another country, and for those who wish to acquire skill in the use of Morse code.

Operation in the HF bands requires special knowledge and skills not necessary for most operations in the bands above 30 MHz. This difference should be reflected in the examination arrangements.

Industry Canada has accepted the validity of these three factors, and consequently, they were taken as the basis from which the specific recommendations were assessed.

The Department then analyzed the public reaction to the RAC proposal from the extensive survey of the RAC membership as well as subsequent comments which came from the public consultation initiated by Industry Canada. The Department acknowledges that how one obtains access to the bands below 30 MHz is a subject of debate between Morse code enthusiasts and other amateurs. A sincere effort to determine a balanced approach to implement the decision made at the WRC has resulted in the following amendments to the Standards for the Operation of Radio Stations in the Amateur Radio Service.

New Criteria for Operation in the HF Bands

Morse code will no longer be the sole additional requirement by which Canadian radio amateurs will gain access to the HF bands, but it will remain as one valid criterion.

Amateurs showing superior knowledge of operational, technical and regulatory requirements by attaining an 80% score on the basic exam or passing the advanced exam, will also be granted access to the HF bands.

“Grandfathering” of existing amateurs will be based on the following criteria:

(1) Amateurs certified after April 1, 2002, who have demonstrated a superior knowledge of operational, technical and regulatory requirements by achieving a mark on the basic examination of 80% or above will be allowed to operate in the HF bands below 30 MHz.

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P.O. Box 9654, Postal Station T
Ottawa, Ontario, K1G 6K9
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E-mail: spectrum.amateur@ic.gc.ca
http://strategis.ic.gc.ca/epic/internet/insmt-gst.nsf/en/h_sf01709e.html

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

(2) Amateurs certified prior to April 2, 2002 will be allowed to operate in the HF bands below 30 MHz based on the experience and knowledge they have acquired over this period of time.

(3) Amateurs holding basic and advanced qualifications will be allowed to operate in the HF bands below 30 MHz.

Implementation and Rationale

General Criteria

In recognition of an amateur's ability to send and receive Morse code as a valuable operational skill that can result in more efficient utilization of amateur spectrum from the perspective of occupied bandwidth as well as the ability to communicate under adverse propagation conditions, the Department will continue to include this criteria as a consideration in granting access to the HF bands. However, this is only one criteria and the measure of HF operator abilities should not be limited to this one facet of operator skills. As underlined in an RAC recommendation, knowledge of proper radio operating procedures, the regulations governing amateur radio, as well as technical knowledge important to preventing the emission of spurious radiation in the HF bands are arguably of equal importance.

Consequently, attaining an honours mark (80% or above) in the Basic examination will grant the amateur full HF privileges as well. The Advanced Certificate by virtue of its increased technical emphasis will also qualify the holder for access to the HF bands, plus it will continue to be used as a means of measuring an amateur's ability to design and construct equipment, as well as his/her ability to oversee club station operations and repeater station installations.

Certificate Equivalence

Amateurs holding a Basic Certificate who have been certified for at least three years will automatically receive authority to operate in the HF bands. This is based on the rationale that three years of experience will have allowed the amateur to acquire sufficient experience to operate proficiently in the HF bands. Amateurs who received their Basic Certificate within the three year interval prior to the date of the new standards will be required to prove that they had attained a mark of at least 80%.

This three-year period has been selected to match the record keeping requirements which are expected of all accredited examiners. Amateurs who did not attain the honours mark on their original exam within the three-year interval will now have three options to attain HF privileges:

(1) complete the Basic exam and achieve an honours mark of 80% or above;

(2) complete the Advanced exam and achieve a pass mark of 70%; or

(3) complete the existing Morse code qualification.

Non-Morse code related elements of the RAC proposal

The RAC proposal went considerably beyond the single question of eliminating Morse code as the means by which

an amateur is evaluated for operation in the HF bands, and suggested additional changes to the amateur certification structure. However, some of the suggestions are outside of the scope of change that can be introduced at this time within the existing certificate structure.

When the General Radio Regulations were replaced by the Radiocommunication Regulations in the fall of 1996, the amateur operator certificate structure was simplified considerably, reducing the previous four certificates (i.e. Basic Amateur, Amateur, Amateur Advanced and Amateur Digital) to essentially two levels (Basic and Advanced) plus two levels of Morse code proficiency (i.e. 5 and 12 words per minute). The RAC proposal to create a third level of certification (the intermediate qualification with the associated building privilege at 2.3 GHz, plus the entry level certificate - recommendations 4, 8, 9 and 10) cannot be implemented without more extensive regulatory review and an amendment to create the new certificate levels. Additionally, any major restructuring of the examination syllabus and examinations could only be introduced after such a review. The Department has no plans for a complete regulatory review of the radio operator certificate structure at this time.

The Department does agree to make adjustments to the existing two-tier certificate structure, with respect to pass marks and associated privileges, which the Department feels will achieve the intent of many of the suggested the RAC changes, while still adhering to the existing certificate regulations.

The Department agrees with the RAC's contention that 60% on a multiple choice format examination is not sufficient as a test of the candidate's ability, and therefore the pass mark for the Basic and Advanced examination will be raised to 70% as suggested by the RAC.

Implementation

With the amending of the amateur technical standard, Radiocommunication Information Circular 2, Standards for the Operation of Radio Stations in the Amateur Radio Service (RIC-2) to reflect the criteria listed above, the regulatory amendments required to implement the changes discussed above have been completed. The Department has also used this opportunity to update RIC-2 and RIC-3 with other administrative details relating to the amateur service.

Obtaining Copies

Copies of this notice and documents referred to are available electronically on the Spectrum Management and Telecommunications Web site at: <http://strategis.gc.ca/spectrum>.

Official printed copies of Canada Gazette notices can be obtained from the Canada Gazette Web site at: <http://canadagazette.gc.ca/publication-e.html> or by calling the sales counter of Canadian Government Publishing at (819) 941-5995 or 1 800 635-7943. -- July 22, 2005

News from the Net

FCC Proposes to Drop Morse Code Requirement for All License Classes (July 20, 2005)

The FCC has proposed dropping the 5 WPM Morse code element as a requirement to obtain an Amateur Radio license of any class. The Commission recommended the change to its Part 97 Amateur Service rules in a Notice of Proposed Rule Making ([NPRM](#)) in WT Docket 05-235. Any rule changes proposed in the NPRM would not become final until the FCC gathers additional public comments, formally adopts any changes to its rules and concludes the proceeding by issuing a Report and Order (R&O) spelling out the changes and specifying an effective date. That's not likely to happen for several months. The FCC declined in its NPRM to go forward with any other suggested changes to Amateur Service licensing rules or operating privileges beyond elimination of the Morse requirement.

"Based upon the petitions and comments, we propose to amend our amateur service rules to eliminate the requirement that individuals pass a telegraphy examination in order to qualify for any amateur radio operator license," the FCC said in its NPRM, released July 19. This week's NPRM consolidated 18 petitions for rule making from the amateur community including one from the ARRL that proposed a wide range of additional changes to the amateur rules. The FCC said the various petitions had attracted 6200 comments from the amateur community, which soon will have the opportunity to comment again this time on the FCC's proposals in response to those petitions.

The Commission said it believes dropping Element 1 the 5 WPM Morse examination would "encourage individuals who are interested in communications technology, or who are able to contribute to the advancement of the radio art, to become amateur radio operators." The FCC said it also would eliminate a requirement it believes "is now unnecessary and that may discourage" current licensees from advancing their skills, and that it would "promote more efficient use" of current Amateur Radio spectrum.

The FCC cited changes in Article 25 of the international Radio Regulations adopted at World Radiocommunication Conference 2003 as the primary reason to go forward with eliminating Morse code as an Amateur Radio licensing requirement in the future. Among other changes, WRC-03 deleted the Morse testing requirement for amateur applicants seeking HF privileges, leaving it up to individual countries to determine whether or not they want to mandate Morse testing. Several countries already have dropped their Morse requirements.

ARRL CEO David Sumner, K1ZZ, said he was not surprised that the FCC proposed altogether scrapping the Morse code requirement. The League and others had called for retaining the 5 WPM requirement only for Amateur Extra

class applicants. Sumner expressed dismay, however, that the FCC turned away proposals from the League and other petitioners to create a new entry-level Amateur Radio license class.

"We're disappointed that the Commission prefers to deny an opportunity to give Amateur Radio the restructuring it needs for the 21st century," he said. "It appears that the Commission is taking the easy road, but the easy road is seldom the right road."

Sumner said ARRL officials and the Board of Directors would closely study the 30-page NPRM and plan to comment further after they've had the opportunity to consider the Commission's stated rationales for its proposals.

In 2004, the ARRL filed a Petition for Rule Making asking the FCC to amend Part 97 to complete the Amateur Service restructuring begun in 1999 but "left unfinished." The League called on the FCC to create a new entry-level license, reduce the number of actual license classes to three and drop the Morse code testing requirement for all classes except for Amateur Extra. Among other recommendations, the League asked the FCC to automatically upgrade Technician licensees to General and Advanced licensees to Amateur Extra. In this week's NPRM, the FCC said it was not persuaded such automatic upgrades were in the public interest.

The FCC said it did not believe a new entry-level license class was warranted because current Novice and Tech Plus licensees already can easily upgrade to General. "We also note that, if our proposal to eliminate telegraphy testing in the amateur service is adopted," the FCC continued, "a person who is not a licensee will be able to qualify for a General Class operator license by passing two written examinations, and that a person who is a Technician Class licensee will be able to qualify for a General Class operator license by passing one written examination." The FCC said it does not believe either path to be unreasonable.

The FCC also said that it's already addressed some of the other issues petitioners raised in its "Phone Band Expansion" (or "Omnibus") [NPRM](#) in WT Docket 04-140. In that proceeding, the Commission proposed to go along with the ARRL's [Novice refarming](#) proposal aimed at reallocating the current Novice/Tech Plus subbands to provide additional phone spectrum. Under the plan, Novice/Tech Plus licensees would be granted CW privileges in the current General CW subbands. -- (ARRL News Service)

GB2RS Launches News Bulletin on the MT63 Mode

We are pleased to announce the launch of a new GB2RS data news bulletin using the popular MT63 mode. The national news script is now being put out on Sunday evenings using MT63 upper sideband with 1 kHz bandwidth and long interleave. It may be copied at 19.15 UTC on 3,592

kHz and 14,109.5 kHz, or again at 19.45 UTC on 1,992 kHz and 5,279 kHz. If the MUF has fallen below 14 MHz then the transmission on that band may be radiated on 7,092 kHz instead.

Brief reception reports using MT63 or voice USB may be given after the transmissions. Calls on 5MHz, by those holding the required NoV, should be made using voice USB only on 5,278.5 kHz exactly. Calls using Morse code A1A may be tried anywhere between this channel lower edge frequency and 5,279 kHz. The channel is known as Foxtrot-Bravo. If the channel is occupied by the primary user, then the transmission will be made on channel Foxtrot-Alpha 5,259 kHz instead. This initiative is part of the build up to the 50th anniversary of GB2RS, which is being celebrated in two month's time. More details can be obtained from GB2RS news manager Gordon Adams, G3LEQ, on 01565 652 652. -- (RSGB2)

New Amateur Licence Structure for Australia

Wireless Institute of Australia (WIA) President, VK3KI Michael Owen says: The WIA has been in constant contact with the ACMA (the regulator in VK land) in relation to the introduction of the new Foundation licence and the changed privileges for the existing novices. In order for the new licences to come into effect, it is necessary to amend a number of legislative instruments including the Amateur Licence Conditions Determination and the Qualified Operators Determination. -- *RAC News Service*

Amateur Radio in Yemen

Mr. Abdulgader Ibrahim, Director General of Frequency Management of the Ministry of Communications has made a request for as much visual material on Amateur Radio as possible to share with the Security Section of Yemen Ministry of Interior to provide a presentation related to Amateur Radio to prove that;

- a) Amateur radio in good for the country
- b) Amateur radio poses no threat to security

Such material as handbooks, magazines, tapes, CD's, samples of picture QSL cards and posters, new or used to be sent to: Mr. Abdulgader Ibrahim, Director General of Frequency Management Management Department of the Ministry of Communications and Information Technology Airport Road , Al Jaraf , P.O. Box 25237 , Sana'a , Yemen
Tel: 00967-1-331455
Fax: 00967-1-331457

Mr. Ibrahim also states that there has never been a single Amateur Radio operation from Yemen and would welcome an official inquiry from any Amateur Radio Club/Organization. Only one authorization has ever been given out to a Sultan of Kuwait but the station was never set up. There have been a few other operations but they were unauthorized. A few years ago a crew of Amateur Operators

were caught operating from a hotel in Aden without authorization and they were ordered to shut down, they could have just as easily ended up in prison. The Yemen Government does not understand a lot about Amateur Radio but realize the benefit the hobby can provide to the Country. They would like to establish an Amateur Radio Club at the Ministry to teach the locals and allow visitors to operate the station. 73, VB (UA4WHX) SANA'A, YEMEN -- (*Thanks to KB8NW/OPDX/BARF80*)

Europe considers Novice licensing (July 15 2005)

A new entry level licence under the Conference of Postal and Telecommunications Administrations or CEPT umbrella has been progressed a little further with release of a proposed syllabus. A number of European countries have been considering the introduction of a Novice licence since Britain introduced its Foundation Licence in 2002, that demonstrated how such an entry point licence can be of benefit to amateur radio. However there are regulatory or legislative difficulties in some countries that prevent their introduction of a Novice licence. The CEPT is now considering at two measures. Firstly, seeking agreement on a Novice licence syllabus that can be used as a template for those countries who can, and want to introduce such a licence. And it's also proposing that current Novice licences issued by CEPT and non-CEPT nations, that are deemed equivalent in standard, be recognized for visitor or guest licences by CEPT participating countries. This could enable holders of a Novice licence to take their hobby with them on a holiday by simply using their home callsign slash the country in which they're holidaying and even if that nation doesn't have its own Novice licence. Community consultation on these matters closes in September, but there's no indication of when a decision is likely. -- *WIA*

Broadband takes to the Sky (July 30 2005)

Boeing this week joined the ranks of companies offering planes equipped with Wi-Fi service with the introduction of its new high-speed Internet service, Connexion by Boeing, WIA Director and frequent flier Glen Dunstan VK4DU has more. Wi-Fi service is already available on about 70 aircraft operated by ANA, China Airlines, Japan Airlines, Lufthansa, SAS, and Singapore Airlines, though not on domestic U.S. Flights. Boeing uses a two-way satellite link to communicate with a network of ground-based stations. The aircraft is fitted with a standard 802.11 wireless router i.e. you must provide your own laptop with a wireless card. Connection costs US\$30 on most international routes, US\$20 for flights of less than 6 hours, or US\$10 for 60 minutes of access, with each minute thereafter costing 25 cents. Maximum throughput to the aircraft is 20 megabits per second, which translates to a passenger average of 150 to 200 kilobits per second about three times the speed of a standard dial up

connection. So is this what consumers want? Not everyone is excited about the prospect of aeronautical broadband, though. As one business travelers put it, "If you give me Wi-Fi, I will have to work. The airplane is the last place I can actually read a book during the day without guilt." -- WIA

Amateurs Get "New" FM Satellite

It was announced at the AMSAT-UK International Space Colloquium in Guildford, England by the AMSAT-UK secretary Jim Heck G3WGM that Amateurs will be getting a new FM satellite to use. PO-28 (POSAT-1) was launched on September 25th 1993. It's primary purpose was for commercial use on frequencies outside the Amateur bands but it also had the capability to operate on the Amateur bands. After prolonged negotiations it has been agreed that the satellite can be switched permanently to the Amateur frequencies. It is expected that the process to change over the operation of the satellite from Commercial to Amateur use will take a couple of weeks. PO-28 (POSAT-1) was built at the University of Surrey within a collaborative program in satellite technology between a consortium of Portuguese academia and Industry (LNETI, EFACEC, OGMA, MARCONI, ALCATEL, IST, UBI & CEDINTEC) and the University of Surrey, managed through Surrey Satellite Technology Ltd. Uplink Frequencies: 145.925 and 145.975 MHz Downlink Frequencies: 435.075 and 435.275 MHz Orbit : 822 x 800 km, 98.6 deg inclined, sun-synchronous.

Cell Phones on Aircraft ??

And if you don't want WiFi and you haven't a good book, pretty soon you may be able to at least phone someone who has! RSGB's Jeremy Boot... Plans to lift restrictions on mobile phone use in planes could cause major disruption to radio astronomy, scientists have warned. Two US agencies the Federal Aviation Administration (FAA) and the Federal Communications Commission (FCC) are considering scrapping a ban on using cell phones on planes following pressure from travelers. But astronomers including representatives from the US's National Academy of Sciences are worried that transmissions from mobile phones could drown out radio signals from outer space, jeopardizing vital research into the universe. The problem is that cell phones generate radiation not only at their main operating frequency but also at multiples of this frequency. The frequency of one of these harmonics falls into the small band of the electromagnetic spectrum reserved for use by radio astronomers. Because the radio signals detected by radio telescopes are incredibly weak, having travelled many light years across the universe, they could easily be swamped by radio interference from mobile phones. Even a single phone conversation on a plane could disrupt radio telescope observations. According to one astronomer, lifting restrictions on cell phone use in planes would be

tantamount to building a 40,000 ft high mobile phone tower. -- WIA

Spread Spectrum from Hollywood ??

The late Hedy Lamarr, the screen goddess whose career began in the late 1920s and included such memorable films as 'Ecstasy' and 'Samson and Delilah', held the original patent for what became known as the spread-spectrum technique. She devised a signaling system for radio-controlled torpedoes that would minimize the danger of detection or jamming, by randomly shifting the frequency. With another unlikely colleague, the composer George Antheil, she developed the concept and received a patent for it in 1942. After the second World War, Sylvania developed the idea for use in satellites. Since then, spread-spectrum has found applications in many areas of communications, including amateur radio experimentation. --WIA

Industry Canada Initiates a Public Consultation on BPL

Industry Canada (IC), with Canada Gazette Notice SMSE-005-05 dated 19 July 2005, has initiated the public consultation process for the introduction of BPL in Canada. This consultation will decide the process by which BPL will be introduced in Canada, including the development of a new certification standard (ICES-00x) for medium voltage power line carrier systems. RAC will reply to this consultation paper both through the Radio Advisory Board of Canada (RABC), of which it is a member, and directly to IC. RAC Vice President of Regulatory Affairs Jim Dean, VE3IQ, a member of the RABC executive, has been named chairperson of the Working Group (WG) formed under the RABC Electromagnetic Committee (EMC) to prepare the industry's response. Joe Parkinson, VE3JG, will represent RAC on the WG. All comments on the questions in the consultation paper should be addressed to Joe Parkinson c/o the RAC office or direct via e-mail to ve3jg@rac.ca or jgparkinson@rogers.com. Comments to the RAC office or via e-mail direct should be sent prior to November 1 to be considered in the formulation of the RAC response to IC.

For details, see the Canada Gazette notice at <http://strategis.ic.gc.ca/epic/internet/insmt-gst.nsf/en/sf08432e.html> and the "Latest News" page on the RAC web site at <http://www.rac.ca>.

You are strongly encouraged to respond to this notice. As BPL has a strong potential to curtail your future HF operations, if it is not kept in check. If you want to operate HF in future, then please read this notice and respond.

Calendar

September

SSA 10 m Aktivitetstest	CW/SSB/FM	1700Z	Sep 1
NCCC Thursday Sprint		0230Z	Sep 2
All Asian DX Contest	Phone	0000Z	Sep 3
Russian "Radio" RTTY WW	RTTY	0000Z	Sep 3
Wake-Up! QRP Sprint		0400Z	Sep 3
AGCW Straight Key Party		1300Z	Sep 3
IARU Region 1 Field Day	SSB	1300Z	Sep 3
RSGB SSB Field Day		1300Z	Sep 3
FISTS Straight Key Week	CW	0001Z	Sep 4
DARC 10-Meter Digital Contest		1100Z	Sep 4
MI QRP Labor Day CW Sprint		2300Z	Sep 5
ARS Spartan Sprint September	CW	0000Z	Sep 6
WAE DX Contest	SSB	0000Z	Sep 10
CIS DX RTTY Contest	RTTY	1200Z	Sep 10
Swiss HTC QRP Sprint		1300Z	Sep 10
Arkansas QSO Party		1400Z	Sep 10
	And	1800Z	Sep 11
SOC Marathon Sprint	CW	1800Z	Sep 10
ARRL September VHF QSO Party		1800Z	Sep 10
North American Sprint	CW	0000Z	Sep 11
Tennessee QSO Party		1800Z	Sep 11
ARCI End of Summer	PSK31	2000Z	Sep 11
YLRL Howdy Days		1400Z	Sep 14
SARL VHF/UHF Contest		1000Z	Sep 16
AGB NEMIGA Contest	CW/SSB/DIGI	2100Z	Sep 16
ARRL 10 GHZ and Up Contest		0600 local	Sep 17
Scandinavian Activity Contest	CW	1200Z	Sep 17
Washington State Salmon Run		1600Z	Sep 17
	And	1600Z	Sep 18
QCWA Fall QSO Party		1800Z	Sep 17
North American Sprint	SSB	0000Z	Sep 18
Panama Radio Club Ann.	Phone	1200Z	Sep 18
SSA Månadstest nr 9	CW	1400 Z	Sep 18
SSA Månadstest nr 9	SSB	1515Z	Sep 18
CQ Worldwide DX Contest	RTTY	0000Z	Sep 24
Tesla Cup	Phone	0000Z	Sep 24
Tesla Cup	CW	0000Z	Sep 25
Scandinavian Activity Contest	SSB	1200Z	Sep 24
Texas QSO Party		1400Z	Sep 24
	And	1400Z	Sep 25
AGCW VHF/UHF Contest	144	1600Z	Sep 24
	532	1900Z	Sep 24
Alabama QSO Party	CW/Phone	1800Z	Sep 24
UBA ON Contest	6m	0600Z	Sep 25
Fall QRP Homebrewer Sprint		0000Z	Sep 26

October

TARA PSK Rumble Contest	PSK	0000Z	Oct 1
Oceania DX Contest	Phone	0800Z	Oct 1

International HELL-80m	Hell	0400Z	Oct 1
International HELL-40m	Hell	0900Z	Oct 2
EU Autumn Sprint	SSB	1500Z	Oct 1
California QSO Party		1600Z	Oct 1
UBA ON Contest	SSB	0600Z	Oct 2
RSGB 21/28 MHz	SSB	0700Z	Oct 2
German Telegraphy		0700Z	Oct 3
ARS Spartan Sprint October	CW	0200Z	Oct 4
YLRL Anniversary Party	CW	1400Z	Oct 5
432 MHz Fall Sprint		1900L	Oct 5
SARL 80m QSO Party		1700Z	Oct 6
SSA 10 m Aktivitetstest	CW/SSB/FM	1700Z	Oct 6
Makrothen	RTTY	0000Z	Oct 8
	And	1600Z	Oct 8
	And	0800Z	Oct 9
Oceania DX Contest	CW	0800Z	Oct 8
EU Autumn Sprint	CW	1500Z	Oct 8
Pennsylvania QSO Party		1600Z	Oct 8
	And	1300Z	Oct 9
FISTS Fall Sprint		1700Z	Oct 8
North American Sprint	RTTY	0000Z	Oct 9
UBA ON Contest	CW	0600Z	Oct 9
10-10 Int. 10-10 Day Sprint		0001Z	Oct 10
YLRL Anniversary Party	SSB	1400Z	Oct 14
JARTS WW	RTTY	0000Z	Oct 15
Microwave Fall Sprint		0600L	Oct 15
Bill Windle QSO Party	CW	0000Z	Oct 15
Worked All Germany Contest		1500Z	Oct 15
Asia-Pacific Fall Sprint	CW	0000Z	Oct 16
UBA ON Contest	2m	0600Z	Oct 16
RSGB 21/28 MHz Contest	CW	0700Z	Oct 16
SSA Månadstest nr 10	SSB	1400Z	Oct 16
SSA Månadstest nr 10	CW	1515Z	Oct 16
Illinois QSO Party		1800Z	Oct 16
ARCI Fall QSO Party		1200Z	Oct 22
50 MHz Fall Sprint		2300Z	Oct 22
CQ Worldwide DX	SSB	0000Z	Oct 29
CQ WW SWL Challenge	SSB	0000Z	Oct 29
10-10 Int. Fall	CW	0001Z	Oct 29
FISTS Coast to Coast		0000Z	Oct 30

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



**Winnipeg Senior Citizens
Radio Club News
by Adam, VE4SN**



I'm sure nearly everyone notices that the days are getting noticeably shorter, the nights are definitely cooler and there is a pronounced gathering of Canada Geese in the area who are no doubt filing flight plans for destinations down south. What I'm trying to say is that summer is nearly over and the Fall time is fast approaching. I hope everyone had a wonderful summer in spite of the somewhat "wet" start to the season!

Activity at the Winnipeg Senior Citizens Radio Club was of course minimal as it always is during July and August. Nonetheless there was a major clean-up of old equipment and computers which were no longer being used. This event was largely orchestrated by Al Thoren, VE4YG with the help of many other members. Special thanks to Brian Rand VE4CAN for providing his truck in order to haul the many loads of "junk" away!

Of course our monthly breakfasts carried on during the summer months although attendance was a bit sparse because it is the summer season and most people have other places to go and other things to do. In June we had 21 attendees with Norm Roll VE4EO as winner of the free breakfast. July only saw 16 in attendance with Irene Henderson (XYL of Ed, VE4YU), being the lucky recipient of a free breakfast. August was the slowest month with only 14 persons showing up. We did have a guest however from Fort Frances, Ontario. Gil, VE4AG, introduced Tom Drew, VE3GHD. As if it were planned, Tom picked the winning number for the free breakfast and he managed to pick his own so that he was the lucky recipient. Our next breakfast gathering will be on September 8th. Let's hope we have a real good turnout.

The Club's annual picnic was a huge success. Held on August 25th at St. Vital Park beside the duck pond, it drew 62 members, friends and family. The weather man really co-operated this year giving us a beautiful sunny day. The food was top notch as usual especially the corn. Many compliments were heard regarding how sweet and tasty the corn was this year. Thanks again to Ed Henderson, VE4YU for providing the background music. Everyone had a good time socializing and the youngsters who attended saw to it that the ducks and geese in the pond were well fed.

Finally, remember Tuesday, December 6th as the date for our annual Christmas Dinner. Get your tickets early and make an effort to attend. 73 to all!

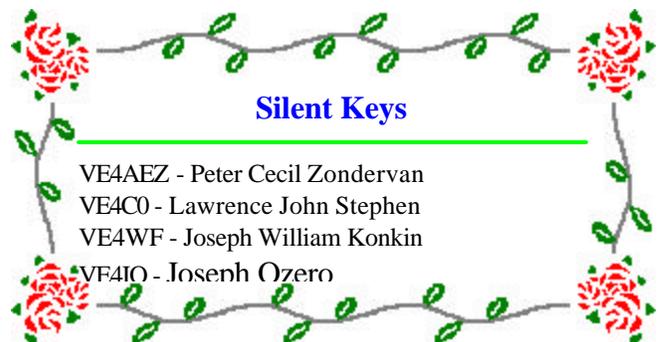
**2005 Manitoba Marathon
Jeff Dovyak VE4MBQ**

The 2005 Manitoba Marathon was held SUN 19 JUN. Seventy-nine (79) volunteers participated in this joint WARC-Winnipeg ARES operation. A number of other Amateur Radio organizations contributed to the success of the operation. Unfortunately Race Day was the sickest I have been in over 10 years and ultimately had to pull out very early on.

I would like to thank Rob VE4RST for taking the time to attend a number of Marathon meetings with me as well as keeping our volunteer database in good shape. Thanks also to Maiko VE4KLM, who headed up our APRS component this year, and Luke for getting up early on a SAT to assist with photocopying (again) as well as distributing some materials with Tom VE4SE and Ruth VE4XYL during the volunteer briefing. Although not able to participate in Marathon communications lately George VE4GHR loaned quite a bit of APRS gear.

I hope to have the comprehensive Marathon Report on both the WARC and Winnipeg ARES web-sites by mid to late SEP. For now, the folks and groups listed below deserve some recognition.

2005 Marathon Volunteers - VE4s: RCJ, HAZ, RST, EWN, KU, UK, CLK, QV, ESX, NAT, PZL, BN, CDP, DB, JLD, CEU, PPG, GWN, YYL, ALP, ANF FV, PLG, DAR, KDB, NQ,TP, AJO, MMD, AFL, RJR, AAE, LIT, SBS, TG, TN, OAK, HQ, ESQ, LKS, CEL, MCJ, QB, QQ, SYM, TRO, BOY, MDS, YU, SN, MHZ, GLS, UNX, EH XT, MMG, KLM, ACX, DOG, DGS, QEW,EAR, WRN, MBQ, BAW, SE, XYL, GWB, HK, DWG, VA4AA, VA4MAR, KB7REU, Luke, Kyle, Betty, Sean. The following individual Supporters (loaned gear to others) VE4s: ESX, TRO, EWN, ACX, KLM, GHR, WTS, GWN, GLS, TJR, SE, DWG, HAY. Marathon Supporting Organizations loaned equipment or facilities, recruited volunteers, Winnipeg ARES, Winnipeg Amateur Radio Club, Manitoba Repeater Society, University of Manitoba Amateur Radio Society, Winnipeg Senior Citizens Radio Club, Pathfinders Amateur Radio Club, Interlake, Kildonan, and South-Central ARES, Manitoba Marathon



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

Brock Holowachuk from Manitoba EMO gave us an interesting and thought provoking presentation on "National Warning Systems" at our JUN General Meeting. We did not schedule a JUL meeting and ultimately cancelled our AUG meeting to better enjoy the summer.

We are providing volunteer Amateur communications for the Terry Fox Run SUN 18 SEP in conjunction with Pathfinders ARC. The volunteer briefing is TUE 13 SEP 1900h at Sir Wm Stephenson Library 765 Keewatin Street. A few more volunteers would be greatly appreciated. Our next General Meeting is TUE 20 SEP 1900h at Sir Wm Stephenson Library. Instead of a guest speaker we will hold the volunteer briefing for Parkinson SuperWalk (event is on SUN 25 SEP).

The President's Call**By John, VE4QV**

September is here and that means the start of another year for the Winnipeg Amateur Radio Club. I hope everyone had a good summer.



Thank you all that attended June's general meeting where a number of the members of the 2005-2006 executive were decided. I think we have a really strong team and there were a lot of exciting ideas discussed at the first executive meeting.

Some important dates were also decided at the meeting starting off with the Fall Flea Market. This year it falls on Sunday, October 23rd, 2005. The location is the same as previous years, the Victoria-Heritage Community Club on Sturgeon Road. The spring Flea Market will be on Sunday, April 23rd, 2006. Please remember that membership with the club expires September 30th, so if you haven't already, please renew.

Our first general meeting is Monday, September 12th. I hope you can all attend.

Fall Flea Market
October 23rd

Please contact Ed Horton, VE4EIH for tables
and to Volunteer to help out. ve4eih@rac.ca

QTX~**By Derek, VE4HAY****Did you know**

That there are now 4 different certificate classes in Canada. Basic - Basic +5, Basic Honours, Basic Advanced. With only the basic certificate being restricted to frequencies above 30 MHz.

Looking for a calculator, check this web site out http://www.rfcafe.com/references/calculator_links.htm Engineering Calculators & Converter Applet Website. It has every type you will ever need from antenna's to PC boards to VSWR.

A reminder - If you need any printing done then please visit Floyd, VE4FDR at Diamond Image. Floyd has been kind enough to do some printing for WARC at extremely reasonable rates. It would be nice if in return you used his services or at least recommend them to a friend.

Minutes for May 9th, 2005**Submitted by Ed, VE4EIH**

VE4EIH is having computer problems and this is where the minutes should be. Good thing as we are out of space anyway. Come to the general meeting where the minutes will be read and accepted.

Youth Course for Basic Certificate

A Basic Qualification Course will be held Saturday mornings at the Winnipeg Seniors Citizens Radio Club beginning October 1, 2005. The course is sponsored by the Winnipeg Amateur Radio Club and is aimed at youth, aged 16 - 24. Fifteen of the vacancies have been granted to Air Cadets. WARC's Training Committee will select three additional students from applications submitted to Harm VE4HAZ on a first come, first served basis beginning September 12. Application forms will be available from Harm VE4HAZ at the September 12 meeting of WARC. Applications close at 6 pm on September 20