

From the Gavel...



Time, it has a-chang-ed

With apologies to Bob Dylan for yet one more misappropriation of his lyric, but our local time has indeed already changed. As of March 11 this year, we were under Daylight Saving (or is that Savings?) time.

Time, or at least our modern conception of it, is a reasonably recent invention as these things go. Various societies throughout history have indeed had quite good seasonal calendars, and there have been some fascinating clocks over the millennia from sundials through water clocks, sand-glasses and candles, to the first mechanical clocks in the 11-hundreds or so.

Perhaps the oldest extant functional clock is at Salisbury Cathedral in England, that I had the good fortune to visit as a teenager. Predating the pendulum, it is a "verge-and-foliot" design. It also has no hands, but does strike the hours on a bell, which was presumably good enough for the surrounding town. But as the modern age progressed, our timekeeping needs grew both in precision and synchronization. Weights were followed by springs, and pendulums by other mechanisms.

John Harrison, credited with solving "the longitude puzzle", gave us the first clock accurate enough to keep time so as to tell where you were going around the world. This reinforced both the concept of a central time-keeping authority, Greenwich in this case, and of a local time, or local noon, when the sun was at its azimuth.

Much later, a Canadian transplanted Scot, Sir Fleming, proposed time zones (as well as

promoting a single world time that did not catch on), and the time-keeping world really got going. Not long after, and particularly during the First World War, the concept of Daylight "Saving" was started. There were furious debates; people one side arguing that to make the most of the day, one should simply awake earlier, while others preferred to have human time decoupled from the sun so that there was more of it "after supper", when merchants could sell or sporting could take place.

So while I am not sure how we are indeed "saving" time, time itself and/or daylight, is important to the Amateur. Our MUF frequencies vary with the passing of the sun, different bands reaching different parts of the world at different times of the day. When we set up a sked, with a friend old or new, or log a contact, we had better know what time it is. And that time may well be in UTC, which as a label, may not have been invented in Canada, but probably should have been, given that it does not make sense in either of our official languages. The proper French being TUC (Temps Universel Coordonné) and the proper English being CUT (Coordinated Universal Time).

And in the immortal(?) words of Douglas Adams (too soon gone!), "Time is an illusion, lunchtime doubly so."

So now if I can only find a *round tuit*, and a little time, I'll get my radio switched on and spend some quality time on the air.

Keep on radiating signals.

Scott VA3NMI

This Month

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Sunday Brunch

Sunday brunches are held on the first Sunday of each month. Time is 8:30AM at Bobby's Hideaway Restaurant, 20 Queen St, North, Streetsville (NW corner of Britannia Rd/Queen St in Streetsville). All are welcome to come out and have an opportunity to chat in an informal setting.

Club Nets

2 Metre Tuesday Night Phone Net Join in on the chatter starting at 8:30PM every Tuesday on the club repeater. Hosted by various net controllers. 145.430 MHz Tone 103.5 Minus (-) offset. Contact our VHF Net Manager, **Lorne (VE3CXT)**, if interested in becoming a net controller.

75 Metre Sunday Night Net Starts at 8:30PM every Sunday. Hosted by various net controllers. 3.775 MHz +/- QRM. Contact our HF Net Manager, **Michael (VE3TKI)**, if interested in becoming a net controller.

Commentary



Spring has arrived !

As I write this "Commentary" in the last days of April, the cold weather has gone and the dandelions are in full bloom.

This month our RAC, Ontario South Director, Jeff Stewart,

VA3WXM, gives us his report for May. Read "Ontario South Director's Report – May" to find out about Southern Ontario RAC news.

If you are a DXer chasing various awards, then check out the article "LoTW To Now Support CQ Awards.." This should make it easier to apply for some of the CQ awards.

A must read is the article by Earle Laycock, VE3XEL, titled "Advanced Graduation Class – 2012."

There are lots of reasons as to why a person would want to use a Special Event Callsign. Read "VE3RHE's First Special Event – 2012" to find out his perspective.

The Communicator is one of MARC's methods for communicating information to club members and is your newsletter. Let me know what you would like the newsletter to be and what type of articles you would like it to include. I solicit your input on topics for articles i.e. antennas, kits you have built, great operating experiences, operating tips, book reviews, etc. for consideration by the technical committee.

Without your constant support in the form of ideas, suggestions and article submissions, we would not have such a fine newsletter month after month. I look forward to hearing from all you budding or aspiring authors. Your experience is what makes amateur radio what it is. Let's hear from you.

If you change your email address, please notify both myself and Rick Brown, VE3IMG, Membership manager, of the change.

I can be reached at any club meeting or via email at [va3tpv\[at\]rogers\[dot\]com](mailto:va3tpv[at]rogers[dot]com)

73, Ed Spingola (VA3TPV)

Directors

President	Scott Gregory, VA3NMI
1st Vice President:	David Shilling, VE3XDS
2nd Vice President:	Stephan Bejusca, VA3AR
Treasurer:	Jim Brampton, VE3JIW
Secretary:	Robert Emerson, VE3RHE
Past President:	Jeff Stewart, VA3WXM

Club Managers

Membership Manager	Rick Brown, VE3IMG
Education Manager	Earle Laycock, VE3XEL
House / Visitor Host Manager	Murray Yewer, VE3JMY
Newsletter Editor	Edward Spingola, VA3TPV
Net Managers HF Net	Michael Brickell, VE3TKI
VHF Net	Lorne Jackson, VE3CXT
Repeater Manager	David Shilling, VE3XDS
Assistant	Michael Brickell, VE3TKI
Assistant	John Lorenc (Sr), VA3XJL
Trustee	John Duffy, VE3DRZ
Club Station Manager	Rick Brown, VE3IMG
Assistant	Bob Hudson, VE3CWU
Assistant	Asim Zaidi, VE3XAP
Field Day Joint Chairman	David Kingsland, VE3MDX
Joint Chairman	Thomas Godden, VE3TWG
FSV Manager	Daniel Goodier, VE3NI
Assistant	John Duffy, VE3DRZ
Program Manager	Bryan Jay, VA3BLJ
Assistant	Lorne Jackson, VE3CXT
Webmaster Manager	Rick Brown, VE3IMG
Assistant	T.B.D.
Legal Consultant	Lorne Jackson, VE3CXT
Public Info/ Media Relations	Tony Champion, VA3QC
Education Basic Course Prime	Earle Laycock, VE3XEL
Advanced Course Prime	Thomas Bernard, VA3TMB
MARC Awards Manager	Edward Spingola, VA3TPV

Audit Committee

Auditors Coordinator	Basil Burgess, VE3JEB
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Public Service

ARES Emergency Coordinator	Dan Goodier, VE3NI
Assistant	Thomas Bernard, VA3TMB
Assistant	Michael Brickell, VE3TKI
Assistant	David Malar, VA3MLR
Assistant	Bob Boyer, VE3XBB
Assistant	John Duffy, VE3DRZ
CANWARN Manager	Peter Mosher, VA3PKM
Special Events / Walks Manager	Bob Boyer, VE3XBB

Special Interest Groups

Contests Manager:	Asim Zaidi, VE3XAP
Assistant	Rick Brown, VE3IMG
QSL Manager	Michael Brickell, VE3TKI
Project Group:	Michael Brickell, VE3TKI

CLUB CALENDAR FOR 2012

May 2012

01 Tue VHF/UHF - 2 Meter Net
03 Thu Exec Meeting⁵
06 Sun Sunday Brunch – Bobby's Hideaway Restaurant
06 Sun HF - 75/80 Meter Net
08 Tue VHF/UHF - 2 Meter Net
09 Wed Project Night⁴
10 Thu Club Meeting - Speaker's Night
13 Sun HF - 75/80 Meter Net
15 Tue VHF/UHF - 2 Meter Net
17 Thu ARES Meeting
20 Sun HF - 75/80 Meter Net
22 Tue VHF/UHF - 2 Meter Net
23 Wed Project Night⁴
24 Thu Club Meeting - Speaker's Night
25 CQ WW WPX Contest - CW
27 Sun HF - 75/80 Meter Net
29 Tue VHF/UHF - 2 Meter Net

June 2012

03 Sun Sunday Brunch – Bobby's Hideaway Restaurant
03 Sun HF - 75/80 Meter Net
05 Tue VHF/UHF - 2 Meter Net
07 Thu Exec Meeting⁵
10 Sun HF - 75/80 Meter Net
10 Sun Juvenile Diabetes Walk
12 Tue VHF/UHF - 2 Meter Net
14 Thu Club Meeting - Speaker's Night
17 Sun HF - 75/80 Meter Net
19 Tue VHF/UHF - 2 Meter Net
21 Thu ARES Meeting
23 Sat ARRL Field Day Event
24 Sun HF - 75/80 Meter Net
26 Tue VHF/UHF - 2 Meter Net
28 Thu **No Club Meeting**
30 Sat RAC Canada Day Contest

Provisional Schedule Below

July, 2012

14 Sat IARU HF World Championships
21 Sat North American QSO Party - RTTY
28 Sat RSGB IOTA Contest

August, 2012

03 Fri 10-10 Int. Summer Contest, SSB
04 Sat North American QSO Party – CW
10 Fri Worked All Europe DX Contest - CW
18 Sat North American QSO Party – SSB

September, 2012

02 Sun Sunday Brunch – Bobby's Hideaway Restaurant
02 Sun HF – 75/80 Meter Net
04 Tue VHF/UHF - 2 Meter Net
06 Thu Exec Meeting⁵
07 Fri Worked All Europe DX Contest - SSB
13 Thu Club Meeting - Speaker's night
09 Sun HF – 75/80 Meter Net
11 Tue VHF/UHF - 2 Meter Net
16 Sun HF – 75/80 Meter Net
18 Tue VHF/UHF - 2 Meter Net
20 Thu ARES Meeting
23 Sun HF – 75/80 Meter Net
25 Tue VHF/UHF - 2 Meter Net
27 Thu Club Meeting - Speaker's night
28 Fri CQ Worldwide DX Contest, RTTY
30 Sun HF – 75/80 Meter Net

October, 2012

02 Tue VHF/UHF - 2 Meter Net
04 Thu Exec Meeting
07 Sun HF - 75/80 Meter Net
07 Sun Sunday Brunch – Bobby's Hideaway Restaurant
09 Tue VHF/UHF - 2 Meter Net
11 Thu Club Meeting - Member's night
14 Sun HF - 75/80 Meter Net
16 Tue VHF/UHF - 2 Meter Net
18 Thu ARES Meeting
21 Sun HF - 75/80 Meter Net
23 Tue VHF/UHF - 2 Meter Net
25 Thu Club Meeting - Member's night
26 Fri CQ WW DX Contest - SSB
28 Sun HF - 75/80 Meter Net
30 Tue VHF/UHF - 2 Meter Net

NOTES

1. Club meetings start 7:30PM at St. Thomas A Becket Church Hall, 3535 South Common Court unless otherwise noted.
2. Sunday brunch is held at 8:30AM on the first Sunday of each month at Bobby's Hideaway Restaurant, 20 Queen St , Streetsville (NW corner of Britannia Rd/Queen St in Streetsville)
3. ARES Meetings start at 7:30PM at the Red Cross, Ontario Zone Office (OZONE), 5700 Cancross Court, Mississauga, ON.
4. Project Night, are held on the 2nd and 4th Wednesday of each month, starting at 7:30pm at the VE3MIS Club Station, Danmax Electronics, Unit 2, 2377 Anson Drive, Mississauga, ON.
5. Executive meetings start 7:30PM at the VE3MIS Club Station, See item 4 above for location details.

Visit our website: <http://www.marc.on.ca> for any updates of the calendar.

Ontario South Director's Report – May 2012

By Jeff Stewart, VA3WXM



Greetings from your Southern Ontario RAC Director. I hope everyone is enjoying the spring weather and attending to those antenna projects you've been putting off!

Distracted Driving

The Ontario Ministry of Transportation (MTO) has listened to our concerns and in a recent notice has agreed to extend the exemption for licenced amateur radio operators from the hands-free communication devices law for another five years. Many thanks to the Distracted Driving Committee comprised of Northern Ontario RAC Director Bill Unger, VE3XT (Chair), former RAC Honourary Legal Counsel, Steve Pengelly and myself. While we are certainly happy with this outcome, RAC will continue working with the MTO to make this exemption permanent.

RAC Ontario Field Services changes

Late last year and into early this year, the RAC Committee for Restructuring Field Services in Ontario worked to develop and implement a plan for the administration of Field Services in Ontario. After a consultation period last fall, Field Services has now been changed to comprise four new Sections: Ontario North, Ontario East, Ontario South and Greater Toronto Area (GTA). In RAC bulletins published in February 2012, a call went out for nominations for new Section Managers (SM's) for these new Sections. So far we have commitments for Ontario North and Ontario East Section Managers. I am putting out another call to the RAC membership in Southern Ontario and the GTA to forward the names of individuals to

take up these new SM positions. The Committee has agreed to extend the deadline until July 1 and I will be approaching the presidents of clubs in my region to spread the word. An important thing to remember is Field Services isn't just ARES. Field Services is the arm of RAC that facilitates communication between RAC and clubs and members. So please, think about this important role and consider throwing your name into the hat.

Hamfests and Fleamarkets

On April 21, my Assistant Director Stan Leschinsky VE3TW attended the Durham Region Amateur Radio Hamfest in Pickering. The event was well-attended and Stan fielded lots of questions and signed up several new RAC members. Thanks Stan for your help! Other hamfests and fleamarkets scheduled over the next few months include the Central Ontario Hamfest on Sunday, June 3 in Cambridge and the Ontario Hamfest on Saturday, July 14 in Milton. I am planning on attending both events and look forward to seeing you there!

RAC Bulletins

A reminder for any RAC member who has not yet signed up to receive timely updates from RAC, you can do so very easily. Go to the RAC website main page and click on "Subscribe to RAC Bulletins". Follow the instructions and you're good to go. The RAC Bulletin is one of several ways RAC keeps its members up-to-date with news and issues that affect radio amateurs throughout Canada.

If you have any questions or concerns please send me a message at [va3wxm \[at \] rac.ca](mailto:va3wxm@rac.ca).

73,

Jeff VA3WXM
Ontario South Director
Radio Amateurs of Canada

**Experience the thrill of Amateur Radio.
Don't Just Listen
Try Calling CQ.**

The MARC DX Award Update

By Ed Spingola, VA3TPV

This past month has been very slow with respect to any MARC DX Award activity. There have been no logs submitted for review. Listening on the bands this past weekend, I noticed an increase in DX activity. Hopefully the months of May and June will see a flurry of DX Award activity as the end of the club year approaches.

There are many contests throughout the year within which you can make DX contacts. There are of course regular DX openings on the bands. So get DXing and

submit to me your logs. See the MARC web site under Club Events/MARC Awards for the MARC DX Award rules and entry forms.

http://www.marc.on.ca/marc/events/events_awards.asp)

I will also accept an ADIF log file if you need some assistance in determining your DXCC entities count.

So get on the air and enjoy this hobby of ours and make some contacts.

73 and Good DX.

Ed, VA3TPV

VE3RHE's First Special Event



By Robert Emerson, VE3RHE

Back in the fall of 2011, I listened with interest to Michael, VE3TKI, talk about the possibility of the Mississauga Radio Club doing a DXpedition. Then after listening to John, VE3EJ, talk just a few weeks back about his

also the Dayton Hamvention weekend, I'm hoping to make a few more DX contacts that particular weekend).

But what about the event? 2012 is a big year for anniversaries: the War of 1812, the Sinking of the Titanic, and of course the Diamond Jubilee of The Queen.

By the end of last November everything was set ... location: Home QTH ... cost: \$60 for a special event call sign ... and the event: the Diamond Jubilee of Queen Elizabeth.

HRH The Princess Elizabeth, Duchess of Edinburgh, became HM The Queen on February 6th, 1952 when her father, King George VI, died as a result of stress from World War II, heavy smoking and lung cancer.

Upon her ascension, she became Queen of the United Kingdom as well as Queen of her different realms including Canada, Australia, New Zealand, Bermuda, Jamaica, and numerous other commonwealth countries. Queen Elizabeth also became the Head of the Commonwealth. A link to her various titles is included below.

So, starting on May 10th until running to June 9th but with emphasis on the weekends during that month, please listen for me operating as VE3A to celebrate the Diamond Jubilee of HM The Queen of Canada. The expected frequencies are 7.140 MHz, 14.240 MHz, 21.295 MHz, and 28.495 MHz, all SSB. The frequencies are all +/- due to QRM.

QSL Cards will be printed after the event and I will be using Logbook Of The World as well. I have created a page on QRZ.com (<http://www.qrz.com/db/ve3a>) for QSL information – cards should be sent via VE3RHE either Direct or via the Bureau.

James, VE3XJE, has set up a website with some information about VE3A and links to the Canadian monarchy... please visit the website that was set-up ... www.ve3a.tk

Photo 1: Her Majesty Elizabeth the Second

VP8ORK expedition, I was really excited about being part of some type of DXpedition.

Right after Michael's presentation, I went home and looked at places where a DXpedition could be held. Well, the "exotic" locations of St Pierre & Miquelon, the Caribbean, and the VP8 islands were well beyond my experience level and budget.

Next, I looked at places closer to home...perhaps at the in-laws house in VE2 land or as part of a family vacation down in PEI at one of the DX Lodges. The budget part could be managed but I was still worried about the experience of working a pile up of two or three or more people.

I decided the best place to get some experience, and the cheapest place, would be to run a special event station from my QTH.

My wife takes her annual vacation to Quebec to visit the in-laws in May starting on Victoria Day ... so it was decided (by my wife of course) that Victoria Day week would be the best time. (As the Victoria Day weekend is

Some links of interest...

1) Canadian Government Website on the Canadian Crown

<http://www.pch.gc.ca/eng/1266245566496/1266202116409#>

2) The Canadian page from the Website of the British Monarchy

<http://www.royal.gov.uk/MonarchAndCommonwealth/Canada/Canada.aspx>

3) List of Queen Elizabeth's Titles

http://en.wikipedia.org/wiki/List_of_titles_and_honours_of_Queen_Elizabeth_II

4) Industry Canada's Page of Upcoming Special Events

[http://apc-cap.ic.gc.ca/pls/apc_anon/query_spev\\$.startup](http://apc-cap.ic.gc.ca/pls/apc_anon/query_spev$.startup)

73,

Robert, VE3RHE

Upcoming Special Event Stations

By Ed Spingola, VA3TPV

Amateur radio offers a unique experience to communicate via the ether with far and exotic places and it is part of the amateur radio tradition to participate in special events.

Whether you participate for the challenge of the contact, the collection of special commemorative QSL cards and/or certificates, or special prefixes, the following upcoming events are sure to interest you.

Special Event station VX3W

2012-04-19

Members of the Manotick Amateur Radio Group will be operating special event station VX3W from Fort Wellington in Prescott, Ontario, on Saturday, May 19th from 10:00 EDT to 16:00 EDT (1400Z to 2000Z) to commemorate the 200th anniversary of the War of 1812.

Operating Modes: We will be operating on various HF bands, depending on the conditions. Local operators may be able to find us on simplex VHF and/or UHF. While most operations will be voice, we may also operate in digital modes.

Check the VX3W board on our club's forums for more information

[:http://www.ve3rix.ca/forums/forumdisplay.php?f=43](http://www.ve3rix.ca/forums/forumdisplay.php?f=43)

If you make contact with VX3W, please send us a QSL card to the address below. We will send out cards in return and ask that you include a first class stamp for Canadian addresses or an IRC for any other country.

QSL Information:

Manotick Amateur Radio Group

c/o 609-45 Holland Avenue

Ottawa, Ontario, Canada

K1Y 4S3

For additional information on special events consult the special event listings on the web pages of RAC, ARRL QST and CQ or the special event listings section of these magazines.

The most comprehensive Special Event Listing is the one compiled by VE3RJ given below. Check the side bar for links on his web page.

Good hunting.

Special Event Information Links

RAC: <http://rac.eton.ca/events/upcoming.php>

ARRL Special Event Listing:

http://www.arrl.org/special_events/search/page:1/model:Event

RSGB: <http://www.rsgb.org/>

VA3RJ Special Event Listings:

<http://www.qsl.net/va3rj/spevents.html>

When all else fails, ham radio.

ARRL, Ham radio motto.

Advanced Graduation Class – 2012

By Earle Laycock, VE3XEL

It hardly seems possible. This year has flown by. Barely have we celebrated the Basic Course graduation than the Advanced Class has concluded with its own graduation ceremonies.

Traditionally, MARC has acknowledged the fine work of the Basic Class by holding a “Pizza Nite” at the club station and celebrating by providing food and prizes. This year Thomas VA3TMB and I decided that we should hold a ceremony for the new Advanced Class folks as well.

Obtaining an Advanced qualification is a significant achievement.

So at April 12th’s regular MARC meeting we held our first Advanced Course graduation. Unfortunately Thomas VA3TMB could not attend due to a previous commitment but the class came out and we had a great time.

Thomas has done a great job at focusing the course on what you need to know in order to pass the exam. There is always lots of time for learning additional information after getting your advanced qualification in Thomas’ opinion. And of course, that’s true. Learning never stops...particularly if you become active in club events, ARES, contesting, Field Day and other endeavours.



Photo 1: 2012 Advanced Graduation Class: Scott, VE3ZTZ; Barry Leibner, VE3LBL; David Randall, VE3RXN; Valens Tsz-Ming Chu, VE3XRE; Irmgard Pawlowski, VE3CJX; Alex Simpson, VA3GAZ; Mario Bralic, VA3EON; and Robert Morris, VA3ZRM.

Robert Morris VA3ZRM took top score on the advanced examination with an astounding 100%. With first choice of prizes, Robert took the “ARRL Hints and Kinks” book as his prize. Scott VE3ZTZ came a very close second with a score of 98% meaning he had one question wrong

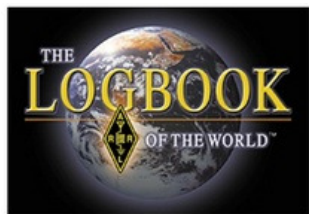
on the examination. Scott chose the “ARRL 2012 Amateur Radio Handbook” as his prize. Mario Bralic VA3EON, came third with 96% and took an “ARRL 2011 Amateur Radio Handbook” as his reward. Geddie Pawlowski, VE3CJX, won “Surely You’re Joking

Mr. Feynman” which happens to be my favourite book. I would encourage anyone interested in physics and human nature with a sense of humour to read this book. It’s hilarious as well as interesting.

Thanks to the students who worked so hard to pass this course and a special thank you to Thomas VA3TMB who with his magic tricks and knowledge of the material made Monday night classes something to look forward to for all involved...including me!

Logbook of The World to Now Support CQ Awards

By Ed Spingola, VA3TPV



K2MGA.

The ARRL and CQ Communications, Inc have signed an agreement to begin providing support for CQ-sponsored operating awards by the ARRL’s Logbook of the World (LoTW) electronic confirmation system. The agreement was announced jointly today by ARRL Chief Operating Officer Harold Kramer, WJ1B, and CQ Communications President Richard Ross,

CQ’s awards will be the first non-ARRL awards supported by LoTW and will be phased in beginning with the CQ WPX award, with additional CQ awards to follow. The ARRL’s LoTW system -- an interactive database recording contacts between radio amateurs -- was created in 2003 and has been adopted by 47,500 radio amateurs worldwide. It already has records of 400 million contacts and is growing weekly. The target date for beginning LoTW support for WPX is April 1, 2012. Amateurs will be able to use LoTW logs to generate lists of confirmed contacts to be submitted for WPX credit. Standard LoTW credit fees and CQ award fees will apply.

ARRL Chief Executive Officer David Sumner, K1ZZ,

observed that this step gives radio amateurs throughout the world an inexpensive and convenient means of gaining credits toward CQ’s popular operating awards: “LoTW has significantly increased interest and participation in the ARRL’s DXCC, Worked All States and VUCC awards programs. We anticipate a similarly positive response to the addition of the CQ WPX award. Amateurs will be able to spend more time operating and less time chasing QSL cards.”

CQ President Richard Ross, K2MGA, said he is very pleased to be able to move forward with LoTW support for CQ awards. “We have had excellent results with electronic confirmations for several years,” he explained. “I am glad that we are now able to begin expanding that convenience to those participants in our award programs who use Logbook of The World. We look forward to a smooth launch for WPX and to the expansion of LoTW support to include the rest of our award programs, as well.”

Although the details of how the awards application will work have not been released, I suspect that you will upload those LoTW QSL credits that apply to the CQ award which you are applying for.

If you are a user of the DXKeeper by DXLab, an update is available to flag LoTW credits for tracking the CQ WPX award. I am sure that other similar award tracking programs will follow.

Stay tuned to the ARRL LoTW and CQ Awards web sites for further details as the launch date approaches.

- 1) ARRL LoTW, <http://www.arrl.org/logbook-of-the-world>
- 2) CQ Awards Program, http://www.cq-amateur-radio.com/cq_awards/index_cq_awards.html
- 3) DXLab, <http://www.dxlabsuite.com/>

MARC Members Yahoo Group

The MARC_Members Yahoo Group is the primary way to disseminate club information about upcoming events.

Join the MARC_Members Yahoo Group to receive club related communications and to contact other club members.

http://groups.yahoo.com/group/marc_members/

The Communicator Newsletter of the Mississauga Amateur Radio Club

VE3MIS/VE3RCX

Vol 15.05, May, 2012

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RAC MEMBERSHIP APPLICATION/TCA SUBSCRIPTION OPTIONS

For two- or three-year memberships or renewals please contact the RAC Office given at bottom of this page.

Please enter applicable choice(s) →

Please indicate New or Renewal:	
1 year RAC membership; @\$52.00 plus GST or HST as applicable Total \$54.60 in AB, MB, NT, NU, MB, PE, QC, SK, YT (5%) Total \$58.76 in NB, NL, ON (13%). Total \$59.80 in NS (15%)	
1 year RAC membership only; for a blind person NO MAGAZINE @\$25.00 plus GST or HST as applicable Total \$26.25 in AB, MB, NT, NU, MB, PE, QC, SK, YT (5%) Total \$28.25 in NB, NL, ON (13%). Total \$28.75 in NS (15%)	
Family membership; price per extra family member @ \$25.00 plus GST or HST as applicable per year (one TCA per family) (Does not apply to simple subscriptions.) Total \$26.25 per person in AB, MB, NT, NU, MB, PE, QC, SK, YT (5%) Total \$28.25 per person in NB, NL, ON (13%). Total \$28.75 per person in NS (15%)..	

CONTACT INFORMATION

Name:	Call sign:
Address:	City/Town:
Province:	Postal Code:
Family Member Name	Family Member Call sign:
If you enter something on line above, a charge of \$20.00 (plus taxes) will be added to your membership	
Family Member Name	Family Member Call sign:
If you enter something on line above, a charge of \$20.00 (plus taxes) will be added to your membership	
Email:	Telephone #:

DONATION OPTIONS

Donation to the RAC Foundation enclosed	\$
Donation to the Defence of Amateur Radio Fund enclosed	\$
Donation to the Youth Education Programme enclosed	\$
Donation to the Amateur Radio Emergency Service (ARES) Programme enclosed	\$
Grand Total:	\$

PAYMENT OPTIONS (Cheque or)

Visa/MasterCard No:	Card Expiry Date (MM/YY):
Security code on back of card (CVV2):	
Name of person credit card is issued to:	



Mail to:

Radio Amateurs of Canada Inc.
720 Belfast Road, Suite 217
Ottawa, ON, K1G 0Z5
Telephone #: 614-244-4367 or
877-273-8304, Fax: 613-244-4369
Email: rachq@rac.ca