



# GUYWIRE

October 2017

A monthly publication of the RARA Inc. except July and August.

If you wish to receive or be removed from the e-mailing please contact the editor/publisher at the RARA e-mail address @ ve5rara@gmail.com

NOTE: all e-mail and web addresses are active hyperlinks

## GENERAL MEETING

October 11th @ 7:00 p.m.

Regent Place Library - Regina Market Mall - 331 Albert St.

**Preparation for  
Adult Science Nights at the Science Centre**

### 2017-18 RARA Executive

President - Neil Slater - VA5SCA  
Secretary - Terry White - VE5TLW  
Treasurer - Allan Tidball - VE5LAT  
Past President - Harvey Drinkle - VE5AD  
Director - Con Berger - VE5CON  
Director - Justin Chapman - VA5RED  
Director - Summer Hartzfeld - VE5SDH  
Director - Lyle Maystruck - VE5EE  
Director - Mark Humphreys VA5LNX

### 2017 PUBLIC SERVICE EVENTS

EVENT      DATE      ORGANIZER

UPCOMING

COMPLETED

RPS 1/2 marathon - April 30 - Terry VE5TLW  
MS Super Cities Walk - April 30 - Rick VE5RJR  
MS Bike Tour - August 19th - Richard VE5RJR

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## Last Months Puzzler

Can you name the Canadian astronauts  
who are hams?

### Answer:

Robert Thursk VA3CSA  
Chris Hadfield VA3OOG

## This months puzzler:

In ham radio circles what does SATERN refer to?

### Answer next month

## Interesting Websites

The attached link describes the secret radio link,  
called Hydra, between Camp-X (spy training school)  
in Ontario and the UK during World War 2.

<http://www.camp-x.com/hydra.html>

Indigenous hams now have their own organization.

Go to:

<https://www.facebook.com/NatlTribalHam/>

While the site is not Canadian, [essexham.co.uk](http://www.essexham.co.uk)  
does an excellent job of promoting amateur radio.  
They have also produced some great videos  
explaining ham radio; I would not hesitate to use  
those videos in recruiting new hams, albeit with  
some explanations about the differences between  
British and Canadian regulations. The young lady  
presenting the information does have one slightly  
annoying speech habit, but otherwise does an  
impeccable job.

## IARU Administrative Council Addresses New Radio Spectrum Pollution Threat



The Administrative Council (AC)  
of the International Amateur  
Radio Union (IARU) held its  
annual in-person meeting on  
September 15 and 16 in Landshut,  
Germany, immediately prior to  
the IARU Region 1 Conference.  
The AC reviewed its priorities  
and positions with regard to the  
agenda items for the 2019 World

Radio communication Conference (WRC-19) of the  
International Telecommunication Union (ITU).  
High Power Wireless Power Transfer (WPT) for  
electric vehicles is seen as having a significant  
potential for interference to radio communications.  
Addressing this threat requires an increased  
commitment of resources by potentially affected  
radio communication services, including Amateur  
Radio. In addition to a number of other matters,  
the AC confirmed the theme for World Amateur  
Radio Day, April 18, 2018, as “Celebrating Amateur  
Radio’s Contribution to Society”.

The AC is responsible for the policy and  
management of the IARU and consists of the three  
IARU international officers and two representatives  
from each of the three IARU regional organizations.  
Attending the meeting were IARU President  
Tim Ellam, VE6SH/G4HUA; Vice-President Ole  
Garpestad, LA2RR; Secretary David Sumner, K1ZZ;  
regional representatives Don Beattie, G3BJ, Faisal  
Al-Ajmi, 9K2RR, Reinaldo Leandro, YV5AM,  
Ramón Santoyo, XE1KK, Gopal Madhavan,

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VU2GMN, and Peter Young, VK3MV. Present as an observer for the second day of the meeting was Dave Court, EI3IO, from Region 1.

For more information visit: <http://www.iaru.org/news-events/september-17th-2017>

George Gorsline, VE3YV  
RAC International Affairs Officer

## New RIC Version

Innovation, Science and Economic Development Canada (ISED), formerly Industry Canada, has issued a revised version of RIC-3, Information on the Amateur Radio Service. It replaces RIC-3 Version 3 that was released in July 2005. Radio Amateurs of Canada welcomes the change as it addresses several long-standing issues pointed out by RAC in the past where the document required updating to address changes in technologies and practices, notably the decision by many administrations to remove the requirement for Morse code qualification for new Radio Amateurs. The new version of RIC-3 can be found online at: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01008.html>

The new document contains several editorial changes (such as the change in the name of the Department) and clarifications regarding the operating privileges granted to holders of the Basic qualifications. Over recent years there have been questions about which qualification is required by Canadian Radio Amateurs to modify a commercial transceiver to operate on Amateur bands. Those with Advanced certification could certainly make any sort of modification as they are allowed to design and build transmitters. The new

RIC-3 makes it clear that the privileges of those holding Basic certifications includes:

“re-programming of radio equipment to operate in the Amateur Bands if this can be done by a computer program. Note: No physical modifications to the circuitry of the radio are permitted.”

RAC had urged that the limitation of the restriction of remote control of Amateur Radio stations to those with Advanced qualification be relaxed as changes in transceiver design have made remote control over the Internet much simpler than in the past and so the higher technical qualification of Advanced was not essential. We believe that those with Basic should have this privilege but ISED has not yet agreed. Dealing with regulations and their interpretation is an ongoing activity where several rounds of discussion are often required to achieve results.

The document also drops the outdated requirement for visiting American Radio Amateurs to have demonstrated CW proficiency to be able to operate HF phone in Canada. The World Radiocommunication Conference of 2003 agreed that CW need not be required for Amateur Radio licensing and the USA dropped the CW requirement for Amateur Radio licences in 2007 after the previous RIC-3 was published.

The major change to the document relates to reciprocal operating privileges, in particular those provided in a European intergovernmental agreement developed through a European telecommunications committee (referred to by its French acronym CEPT) that has grown to include several non-European countries.

Canada is a signatory to the CEPT T/R 61-01 reciprocal operating agreement, under which Canadian Amateurs who have a CEPT permit issued in Canada may operate in European countries during temporary visits. This agreement has undergone various revisions over the years notably to acknowledge the removal of CW qualification as a requirement for Amateur Radio authorization in many countries, and after negotiations between ISED and CEPT, the rules for Canadian participation have been updated to follow suit. There have been two major changes as a result: (1) There will no longer be two classes of CEPT permit depending on the holding of a Morse code qualification. Although Morse code is no longer a requirement for the CEPT permit, any such qualifications will still be noted on the permit for use in countries that still require Morse code for access to HF; (2) After conducting a comparison study of the syllabus for Canadian and CEPT examinations, CEPT has determined that only Canadian Amateurs who hold an Advanced qualification will be eligible for reciprocal operating privileges under CEPT T/R 61-01. Therefore, effective immediately, and as described in RIC-3, CEPT permits will only be issued to Amateurs with an Advanced qualification. Canadian Amateurs who have the requisite qualifications may submit requests for CEPT permits to RAC as described at: <http://wp.rac.ca/study-guides-2/regulatory-info/cept-permits/>

Canada is a party to another intergovernmental agreement, the Inter-American Convention on an International Amateur Radio Permit that provides reciprocal operating privileges to Radio Amateurs of one country that signs on to this agreement when they visit other countries that

have also joined the agreement. At the meeting of national Amateur Radio organizations in Chile in October, Radio Amateurs of Canada and other similar organizations in our hemisphere agreed to encourage their governments to update this agreement. At last week's meeting of the Canadian Amateur Radio Advisory Board (CARAB), RAC was told that at a recent meeting of representatives of governments of the Americas, the Inter-American Telecommunication Commission (CITEL), delegates agreed to update the agreement. We expect this will be done in the summer of 2017.

Any questions regarding these changes may be directed to Richard Ferch, VE3IAY/VE3KI, RAC Regulatory Affairs Officer at [regulatory@rac.ca](mailto:regulatory@rac.ca).

Richard Ferch, VE3IAY/VE3KI  
RAC Regulatory Affairs Officer

## Help the GUYWIRE

Guywire depends on submissions of articles and pictures sent in by members for most of its content. If you have a story, pictures or a favorite website, send it in. We would particularly like to have pictures from past club events.

Contact the editor or publisher at:  
[ve5rara@gmail.com](mailto:ve5rara@gmail.com)

**PLEASE HELP US OUT BY PROVIDING  
SOME GUIDANCE  
FOR FUTURE ISSUES.**