



# GUYWIRE

June 2016

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

June 8th @ 7:00 p.m.

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

## Preparing for Field Dy

**We need your**

**Help**

Do you have something of interest that others may like to see, then send it to the editor.

Contact the editor or publisher at:  
ve5rara@gmail.com

## 2016 PUBLIC SERVICE EVENTS

EVENT      DATE      ORGANIZER

### UPCOMING

Spoke n'Hot 100km Ride - Aug.7- TBA

MS Bike Tour - Aug. 20-21- Rick VE5RJR

Queen City Marathon - Sept. 11 - Terry VE5TLW

### COMPLETED

RPS Half Marathon - May 1st - Terry VE5TLW

MS Walk - May 1 - Rick VE5RJR

Klondike Hike - Feb. 20th - Justin VA5RED

Cosmo Learning Centre - May 13 - Harv VE5AD

Mayors Walk /Run - May 31 - Terry VE5TLW

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## Field Day 2016: June 25-26

This year's Field Day is just weeks away.

**Location:** Wascana Centre - grassed area south of Science Centre.

**Antenna/tower:** This will be the first operational outing for the new folding antenna and telescopic tower. See the photos and write-up on page 6.

**Note:** VE5NN was the #1 station in Sask. again last year. Let's keep the record alive.

### VE5CTM - Silent Key

We have lost an active, long time member of the local ham community with the untimely passing of Clayton Matyjanka, VE5CTM on May 18th at the age of 41.

Clay suffered a serious accident several years ago which resulted in the loss of one leg and damage to internal organs. He was not expected to survive but Clay showed his fighting spirit and after many months of hospitalization and physiotherapy was able to enjoy a somewhat normal life. He did not let his disability keep him from enjoying his hobby to the fullest. Clay could regularly be found at club events such as Field Days, contributing to the operation. He was an avid experimenter, tackling projects that most hams wouldn't dream of. He outfitted his van with a full range of radio gear and constructed his own IRLP node. Clay was always asking questions in an effort to learn as much as he could about ham radio.

Clay often suffered bouts of pain but through it all he was always cheerful, positive and uncomplaining.

Our sincere condolences go out to his family.

## Interesting websites

A page of interesting simple antenna projects can be found at:  
[www.amateurradio.bz/ham\\_radio\\_antenna.html](http://www.amateurradio.bz/ham_radio_antenna.html)

An item on early ham radio in the Arctic at:  
[http://www.nauticapedia.ca/Gallery/Arctic\\_Radio.php](http://www.nauticapedia.ca/Gallery/Arctic_Radio.php)

A mother lode of ham radio music can be found at this address:

<http://tinyurl.com/ja629rq> Anyone sitting through all of it deserves a medal. For those with less free time I would suggest just listening to cuts 3 and 4.

Space Music: Where does it come from? Are there other worlds we don't know about? Listen here: *(NOTE: this hyperlink must be entered manually as not all versions of PDF reader will link)*  
[www.techinsider.io/nasa-apollo-10-crew-recording-of-music-on-the-dark-side-of-moon-2016-2](http://www.techinsider.io/nasa-apollo-10-crew-recording-of-music-on-the-dark-side-of-moon-2016-2)

### Last Months Puzzler

Is it possible to bequeath your call sign to your family or friends?

**Answer:** When an amateur dies Industry Canada must be notified of the death by either a copy of the death certificate or an obituary which should include the amateur's date of birth or age. Once the documentation is sent and verified, Industry Canada's Amateur Radio Service Centre (ARSC) places the call sign on hold for one year from the date of passing. During this period of time an immediate family member may obtain the call sign by submitting an application and payment of the \$60 fee. If no one from the immediate family obtains the call sign after the one year has expired, the call sign is released and becomes available to the public.

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## This Months' Puzzler

How often can someone be tested for an Amateur Radio license?

**Answer next month**

### European Hams Announce New Radio

**A dual-band, multi-mode radio to support  
DMR, D-STAR and C4FM**

**(Don Trynor, VA3XFT May 10, 2016  
D-STAR, DMR, Mobile Radios, System Fusion)**

The NEW RADIO developed by hams as a dual-band, multi-mode radio supporting FM, DMR, D-STAR and C4FM.

On May 8th, an article appeared in the ÖVSV by Kurt, OE1KBC, about a new dual-band, multi-mode mobile radio called the "NEW RADIO" that will operate on the 2m & 70cm bands and support the most common ham digital modes, including DMR, D-STAR and C4FM (System Fusion), plus analog FM. As reported in the article, the NEW RADIO has been created by hams for the ham radio community will feature a colour touch screen display, 50W of power output, a 1.8 GHz processor, a Linux operating system, plus dual AMBE+ vocoders, allowing for full-duplex, cross-band operation. Also, one of the biggest features of the NEW RADIO is that it will include a built-in LTE wireless modem and SIM card allowing it to be Internet connected while on the go. Apparently, with it being Internet connected, the NEW RADIO will be able to automatically download frequencies, offsets, contacts and other configuration information on the go, allowing for instant updates for users. This will undoubtedly be a much welcomed feature for anyone used to loading codeplugs into radios, as is the case with DMR. In addition to the mobile version, NEW RADIO is also working on a portable and base station model

that features similar operating specifications using different form factors.

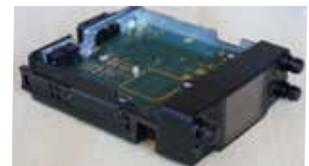
As stated on their website, NEW RADIO is a joint initiative of the ÖVSV, DARC and IARU R1 to ensure the experimental character of amateur radio service by matching devices through dialogue with industry leaders in future. While this is very exciting news for hams active with digital modes, it is not the first time that a radio has been announced for launch, yet never actually materialized. Back in March 2014, Connect Systems made a similar announcement about the CS7000, which was supposed to be a multimode radio supporting DMR, D-STAR and other digital voice modes. Two years later, Connect System continues to develop the unit and as such, many hams remain hopeful that one day, their dream for a a dual-band, multimode digital radio will one day be fully realized.

The NEW RADIO portable radio prototype, featuring dual-band 2m & 70cm operation using DMR, D-STAR, C4FM (System Fusion) and analog FM with a colour touch screen display.

As of the date of this article, the NEW RADIO is still yet unavailable, however it is expected to be announced officially at the 2016 Dayton Hamvention on May 20 22nd in Dayton, OH.

So for anyone planning to go to the Dayton Hamvention this year, keep an eye open for this announcement.

Courtesy VE5TLW





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## Cosmopolitan Community Connections Event

On Friday May 13, 2016, several amateurs from RARA set up two amateur radios and antennae at the Cosmopolitan Connections 810 Edger Street facility and demonstrated what amateur radio is all about to their clients. We set up an HF station as well as a 2 meter VHF station and provided a projector to show amateur videos.

The HF station had some success, however the bands seemed to be busy with round tables and there wasn't much DX present. Several contacts were made which include W9IMS Indianapolis Motor Speedway ARC, W7USA in Phoenix Arizona and KH6LJ in Haleiwa, Hawaii.

Several of the Cosmo clients got to talk to Hugh VE5HWH on 2 meters which seemed to thrill them. Hugh also moved over to 80 Meters and 20 Meters and talked with some of the clients on HF as well. Thank you Hugh for helping out with this endeavour. In attendance from RARA were: George VE5UU, Neil VA5SCA, Terry VE5TLW, Summer VE5SDH, Allan VE5LAT, Harv VE5AD and North ( one of our students ).

Thank you to all who assisted with this activity including Hugh who gave us several QSOs for the people at the Cosmo Centre.

We have received a thank you E:Mail from the centre which includes an invitation to keep in contact and come back next year.

courtesy - VE5AD



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## Folding Antenna Set-Up Practice Session

On Saturday May 14 RARA had a session to practice deploying and folding our new Folding Hexagon antenna. The antenna was set-up and folded twice during the session with little or no problems.

The support quadrapod was partially set up during this session as well and was used to allow George VE5UU to run some SWR and RL tests on the antenna. He determined that some adjustments will be required to finish the antenna tuning.

In attendance were: George VE5UU, Neil VA5SCA, Summer VE5SDH, Justin VA5RED, Hugh VE5HWH, Harv VE5AD and Chelsea.

More work has to be done on the quadrapod, telescoping pole and rotator.

Overall the practice session was a great success, which should make setting up at field day a bit easier.

Courtesy - VE5AD

