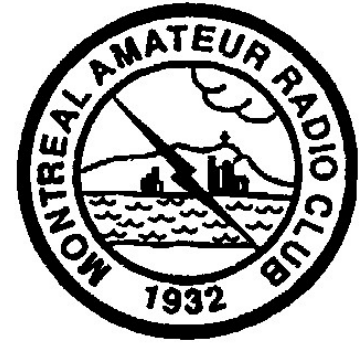


# marcOgram

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Volume 64, Number 6

March 2018

## NEXT MEETING

⇒ **Tuesday 27 March 2018** ⇐

Ragchew and Fleamarket: 19:30  
Club meeting: 20:00

St. Ignatius of Loyola Parish Church

4455 West Broadway (corner of Terrebonne) in N.D.G. - Montreal

**\*\* VE2SI Leo Nikkinen \*\***

**Frequency Standards and Frequency Measurements.**

## FROM THE EDITOR'S DESK

**Please note!** We'll be meeting on Tuesdays at St. Ignatius of Loyola lounge in the basement until next season.

We're considering making the change to Tuesday nights a permanent one. We would welcome your opinion on this matter. Please let us know by email if you see an issue with this change, at [ve2arc@marc.ca](mailto:ve2arc@marc.ca). We will announce our decision by next month.

Get your goodies ready for the MARC hamfest, up-coming on 7 April.

73 de Nora, VA2NH

- . . . -

## MARC HAMFEST TIME!

Gather up your stuff and bring it on down to the Lasalle Legion; we're throwing the annual MARC hamfest on 7 April 2018!

**Royal Canadian Legion Branch #212 (LaSalle)**  
**7771 Bouvier (corner of Shevchenko)**  
**LaSalle, Quebec**

Openings: Vendors 08:15 Public 09:00 - 12:00  
Door Prizes - Basic/Advanced Exam session  
(Registration required)

General Admission \$6.00

Tables \$10.00 each, \$18.00 for two

Information - Reservations please contact:

James R. Hay VE2VE - Telephone 514-990-1965

[email:ve2arc@marc.ca](mailto:ve2arc@marc.ca)

<http://www.marc.qc.ca/fest/fest.html>

The opinions expressed herein are, unless otherwise stated, solely those of the authors concerned, and not those of the Club, the Directors or members and do not represent the policy of the Club.

Meetings of the Board of Directors are open to any member to attend. Board meetings are held on the first Tuesday of the month (Aug to June) at 19:30 in the Wardens' Room, St. Ignatius of Loyola Parish, 4455 West Broadway. Should you wish to attend one of the meetings you are welcome; just speak to one of the directors before-hand to make certain that the meeting has neither been cancelled, nor the location changed.



## UPCOMING FLEAS

### 2018

**What:** Laval-Laurentides hamfest

**Who:** VE2CRL Club Radio Amateur  
Laval-Laurentides

**When:** Samedi, 24 mars, 2018

**Where:** Polyvalente Georges-Vanier de  
Laval, Laval, QC

**What:** MARC hamfest

**Who:** VE2ARC Montreal Amateur  
Radio Club

**When:** Saturday, 7 Apr, 2018

**Where:** Lasalle Legion, Lasalle, QC

**What:** VE2MO Hamfest

**Who:** Radioamateurs Mauricie Centre-  
du-Québec

**When:** Samedi, 21 avril, 2018

**Where:** 350 côte Richelieu, Trois-  
Rivières O. QC

**What:** 42nd Annual Durham Hamfest

**Who:** North Shore & South Pickering  
ARCs

**When:** Saturday, 28 Apr, 2018

**Where:** Pickering, ON

**What:** St-Colomban hamfest

**Who:** VE2CVN Club Radioamateur de  
la Rivière-du-Nord

**When:** Samedi, 12 mai, 2018

**Where:** Centre communautaire, St-  
Colomban, QC

**What:** Sorel-Tracy hamfest

**Who:** VE2CBS Club Radio Amateur  
Sorel-Tracy

**When:** Dimanche, 27 mai, 2018

**Where:** Club de Curling, Sorel-Tracy,  
QC

## Donation to MARC

The Club would like to thank Terri, XYL of SK David Renwick, VE2KZB, for the donation of the station's equipment to the Montreal Amateur Radio Club.

The equipment is available for sale; here's a list of the items. Please contact Jim VE2VE or Marc-André VE2EVN to arrange the details.

The suggested value of each item in Canadian funds has been estimated by Leo, VE2SI, based on his years of experience at cruising any hamfest within range.

Note there was a misprint in the previous list: the Heathkit power supply is \$35.00, not \$350.00! There is a reduction in the estimate for the ICOM IC-2AT handheld; the battery condition is unknown so the estimate is now \$75.00

Remember! The NEARfest is upcoming at Deerfield, NH, on 4-5 May 2018, for more of the same type of bargains.

|  |          |
|--|----------|
| Atlas 215X transceiver                               | \$325.00 |
| ICOM IC-2AT transceiver                              | \$75.00  |
| Heathkit HW-2036A transceiver                        | \$70.00  |
| Heathkit HWA-2036-3 AC power supply                  | \$35.00  |
| Denton GLA-1000 amplifier                            | \$350.00 |
| Atlas model 206 oscillator                           | \$100.00 |
| Realistic pro-2003 direct entry programmable scanner | \$30.00  |
| Yaesu YD 148 dynamic microphone                      | \$30.00  |
| Earphones (1 of 2)                                   | \$20.00  |
| Earphones (2 of 2)                                   | \$20.00  |

## THE 195TH ST. PATRICK'S DAY PARADE

The 195th. St. Patrick's Day Parade took place on **18 March 2018**. Amateur radio operators, using commercial radios, assisted the parade organizers by walking with the parade as it progressed along a new route, providing general communications and position information. Due to road construction and a plethora of orange cones on the normal route, St. Catherine Street, the parade used an alternate route along de Maisonneuve Boulevard. Base control was manned by Jim VE2VE and Marc-André VE2EVN.

During the pre-parade briefing, Patricia McCann, Vice President of Organization of the United Irish Societies of Montreal presented a plaque to the Montreal Amateur Radio Club, recognizing our years of assistance in making the Parade a safe and successful annual event.

Volunteer operators taking part were Steven Faguy VA2SFM, Matt Salenius VE2MTA, Bram Paterson VE2XCS, and a recent graduate of the MARC amateur radio classes, Shahrad Rezaei (no callsign yet).



Above: Steve VA2SFM, Matt VE2MTA, and Bram VE2XCS. (by Shahrad)



Above right: Shahrad and Bram VE2XCS. (by Matt)

Right: The plaque.





# HAM COURSES CONGRATULATIONS!

By Marc-André, VE2EVN

On March 17th, ten of the eleven students from the MARC Basic Qualification course wrote the exam, of which nine got their license, all of them with Honours.

Here is the list, along with callsigns assigned so far:

Richard Hum, VA2HUM  
Birgit Hachnel, VA2TEI  
Guy Simard, VE2KFZ  
Daniel Ejov, VA2SKL  
Chris Ellingsen, VA2EJC  
Alex Bretzel  
Nick Calabrese  
David Ng  
Shahrad Rezaei



Also, congratulations go to Louis Mosca VA2ATF, on passing the Advanced Qualification at the same session.

The one student who failed is likely to rewrite at a later date, as is the one student that did not write the exam at this session.

This was a good class and we are quite satisfied with the results. Congratulations to all, and hope to hear you on the air.

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## *The Solder Spot*

By Leo Nikkinen, VE2SI

(reprinted to attract potential builders!)

SolderSpot is a group build program that's intended to get amateurs and electronic hobbyists into building electronic projects. Although SolderSpot is a MARC activity, the projects are open to anyone that's interested, not just MARC members. The club obtains the materials, rents space for the build and club members provide instruction and help where needed.

The cost to participants is intended to cover the

price of the materials and room rental, and depends on the project and its time requirements.

Whether you're new to electronics or an experienced builder, all projects with active circuitry require a power source. Batteries can be used to power some circuits, however, a power supply with an adjustable output voltage is a useful piece of equipment and invaluable when developing new circuitry.

The coming MARC SolderSpot project will be the construction of a power supply (PS) with an adjustable output voltage and digital output meters. The exact design is being finalized, but the PS will likely have dual outputs, 0 to +20 volts and 0 to -20 volts, with a maximum output current of 500 mA. A PS of this type is suitable for powering single-supply circuitry (eg. transistor circuits) or equipment that requires "plus" and "minus" supplies (eg. op-amp circuits). The PS will be constructed in a plastic case with most, or all, of the mechanical components in a ready-to-assemble form. This type of PS is often referred to as a bench power supply.

Builders will receive a kit with parts and an instruction manual, that covers both the construction of the PS and an explanation of the way that a PS works. Build sessions will start with a brief outline of the day's work and a few words of explanation for that part of the circuit. The project cost will be finalized once the prototype unit is completed, but it is expected to be around \$100, will take 4-6 sessions to complete, and will start in Autumn 2018.

The project has several goals: 1) to encourage an interest in building electronic equipment; 2) to develop soldering and assembly skills, and show how an electronic project is built; 3) to increase understanding of the way that electronic circuitry works; and 4) give the builder a power supply that will be useful for future projects.

Interested parties may contact me directly or through the Club.

Leo Nikkinen, VE2SI  
leo49@videotron.ca

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# COMPLETE ANTENNA SYSTEM

Hygain TH 11DX, 20 - 10 m HF Beam

Cushcraft 13B2, Thirteen element 2 meter Yagi

Cushcraft A5606S, Six element 6 meter Yagi

Hygain Taitwister Rotor

48 foot DMX heavy duty Tower

Andrews Heliax one inch dia-60 feet

RG 213-2 X 50 feet

**FOR AN AMAZING PRICE !**

CONTACT MARK VE2JT

450-247-3598

vejt@rac.ca