

# KINGSTON AMATEUR RADIO CLUB NEWSLETTER

Founded in 1947

September 2017

## *Executive Committee*

### **President**

Assaf, VA3PCI

pres@ve3kbr.com

### **Vice President**

Larissa Reise, VE3KGC

vicepres@ve3kbr.com

### **Treasurer**

Douglas Richards, VE3FFR

treas@ve3kbr.com

### **Secretary**

Chip Chapman, VA3KGB

sec@ve3kbr.com

### **Past President**

Paul Taenzer, VA3LX

## **KARC Repeaters**

VE3KBR

146.940(-) MHz

151.4Hz Tone, IRLP Node #2750

VE3UEL Hartington APRS Node

144.390 MHz

VE3KER Kingston Packet Node

145.070 MHz Simplex

## *Committee Chair Members*

VHF Net Manager

Brian Hopkins, VA3BAH

netmanager@ve3kbr.com

HF Net Manager

David Wendt, VE3EAC

Membership Manager

Steve Cutway, VE3KC

Newsletter Editor

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## FROM THE PRESIDENT

I hope everyone had an enjoyable summer. If you are like me, you are savoring the final days of being able to step outside without having to put on the arctic survival suite. We're working on some things to make the club more active as well.

The HF net has been absent the past while, and after speaking with our HF Net Manager, Dave VE3EAC I learned that he is encountering high received noise level at his QTH, but planning to install a new loop antenna. With any luck, we'll be running our HF net by October, possibly on a day other than Tuesday.

We're also planning to do a club social near the end of September. It would take the form of a dinner. We're still checking out some location but it may be either Jiffy Grill or at one of the Legions.

I am also working on consolidating the club's email system. Currently, the official e-mail addresses provided forward to the person email of the person holding that position. I'm looking to create new e-mail accounts that belong to the club instead. This relieves serving executive from having to share a personal e-mail address with the public, and will help consolidate knowledge and history in one spot, rather than have the club's years of communications locked up in various inboxes to never be seen again. As for the old @ve3kbr.com addresses, they will continue to remain functional but forward all mail to the new club Gmail accounts on a permanent basis.

Finally, the club has been approached by an Italian radio club with an interesting proposal. Organized by the " Technical Naval Museum of La Spezia", the event describes itself as "an international event linked to an Encryption exhibition organized in conjunction with another cultural event, the 'European Researchers Night' ." It surrounds the Enigma machine, and sending partially encrypted Enigma messages over radio. Since there is a enigma machine in our area, KARC can participate as an activator station. No operation of the machine is required.

Members interested in participating in the CW-only contest can do so from their own QTH, and the club simply has to submit the needed registration to get a call.

We're not sure yet if we are going to pursue this, the rules seem somewhat complicated and the CW requirement as well as the fact that this is mostly an Italy-based contest will exclude most of our members. However, we're going to float this during the meeting to see if anyone is interested. The contest runs from September 22-30, and its website is [http://www.enigma-reloaded.it/index\\_eng.html](http://www.enigma-reloaded.it/index_eng.html)

Finally I'd like to mention a very interesting and entertaining video on Youtube. On the channel "Mr. Carlson's Lab", the host (Paul) recently covered the 304TL tube. This tube has a peculiar, if not a somewhat grotesque history. A triode tube intended for power RF applications, it was used to power diathermy machines. For those of you not familiar with medieval medicine, this machine would be used for "treating" patients suffering from hypothermia by blasting their tissues with hundreds of watts of RF to warm them back up. Although slightly more humane than just throwing the patient in a microwave and hitting the "Frozen Dinner" button, it really makes you wonder what people were thinking back then. Paul gives a fascinating explanation of the 304TL tube and is able to power it on and demonstrate it. I highly recommend watching the video as it gives a unique perspective into tech most of us younger people have never seen and may never see outside of museums. The video can be watched at <https://youtu.be/ogHEAs3zFKI>

Assaf

VA3PCI



*Figure 1: If you see your doctor rolling one of these out, you may be wise to start instantly feeling better again. Also, find a new doctor.*

## 2<sup>nd</sup> Annual NVIS Ontario Event

The goal of this event is to make contacts and talk to other operators using NVIS techniques.

No restrictions on operation, just get on the air and operate with your best NVIS antenna. Bands of interest are 40 m, 60 m, and 80 m, depending on conditions. We suggest this identifier when calling to make it easier to identify participants: 'CQ NVIS Ontario "Call Sign"'.

Sunday Sept 24, 2017, 13:00 – 18:00 EDT

Suggest frequencies:

SSB: 3.700-3.750; 5.3305, 5.3465, 5.3570, 5.3715, 5.4035; 7.040-7.070

CW: 3.550, 5.3305, 5.3465, 5.3570, 5.3715, 5.4035; 7.030

As for my ham radio activities this summer:

Radio activities this summer has been mainly about homebrewing. I've been working on a design using the AD8307 logarithmic chip that will be used in a homebrew spectrum analyzer I plan to build this winter and a Scaler Network Analyzer that is currently in the prototype phase by the Peel Amateur radio homebrew group.

Peter

VA3POA

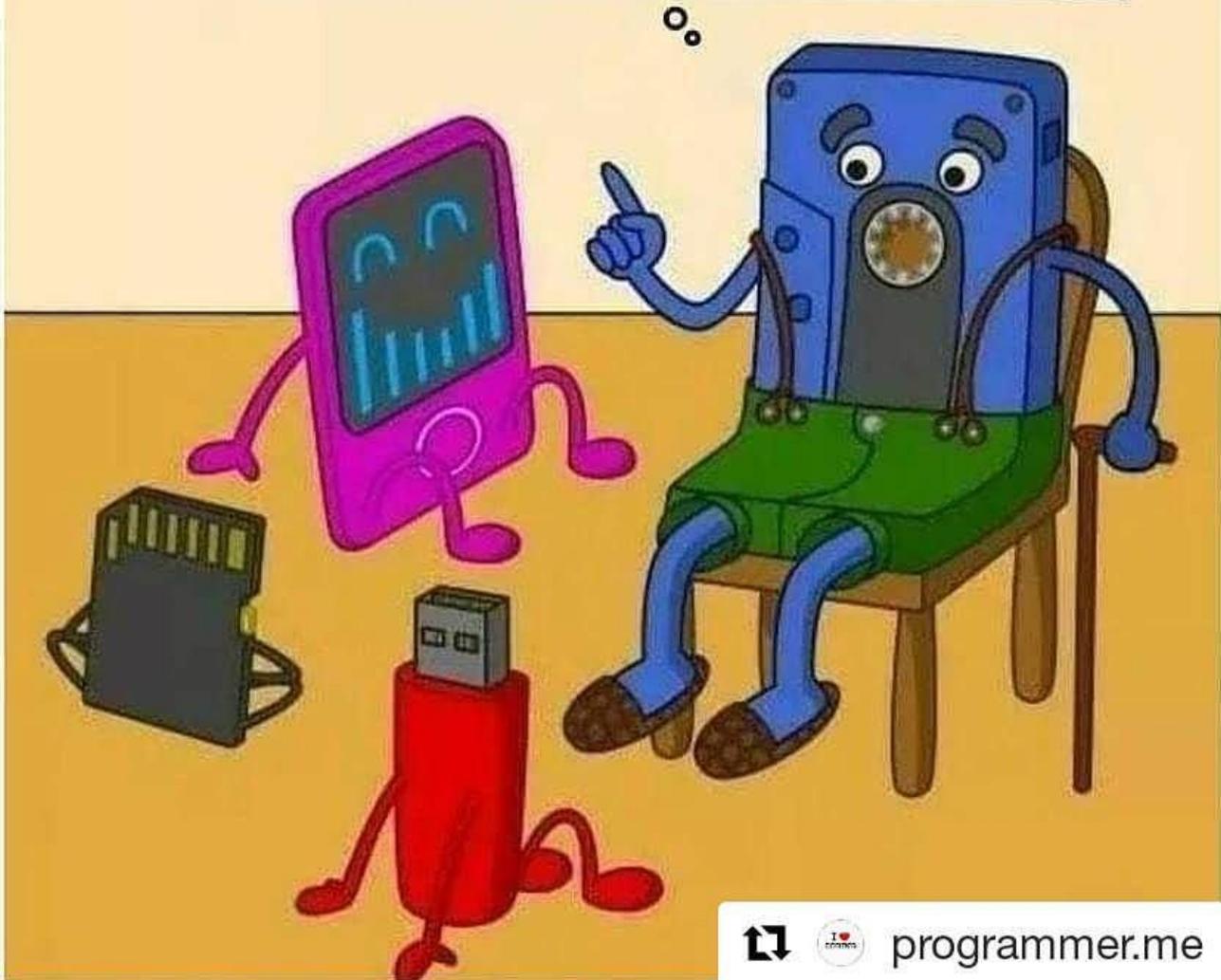
MEMBER ARTICLE

Where is the Alexander Henry?

These pictures have been submitted by John VE3ZJP. It is currently moored beside the former iron ore dock, and will be moved to a permanent home in Thunder Bay.



...and then they rewind us with a pencil!



programmer.me

## MEETING MINUTES

Kingston Amateur Radio Club

Minutes of the Meeting

6 June 2017

Held at Smitty's Restaurant

Kingston, Ontario

1. The meeting was called to order at 7:08pm by the Vice-President Larissa, VE3KGC.
2. There were 19 members and guests present.
3. Minutes of the Previous Meeting:
  - a. It was moved by Chip, VA3KGB, and seconded by Jack, VE3YCJ, that the minutes of the May meeting be approved as posted on the web site.
  - b. Carried
4. Treasurer's Report:
  - a. Doug, VE3FFR, Financial report not available, will be posted on the web site.
5. Old Business:
  - a. Summer Event:
    - i. Brian, VA3BAH, will check into cost of a dinner cruise on the Star/Queen
6. New Business:
  - a. Web Hosting:
    - i. It was moved by Jack, VE3YCJ, and seconded by Steve, VE3KC, that the Club renew the web hosting and domain name at a cost of \$423.14 CDN.
    - ii. Carried
  - b. Vice-President:
    - i. Larissa, VE3KGC, is stepping down from the Vice-President due to upcoming deployment. Larissa is willing to be an executive member when she returns.
    - ii. Steve, VE3KC, commented that she would not be able to legally carry out her duties while deployed and would leave the Club short a signature for legal/financial documents.
    - iii. Chip, VA3KGB, volunteered to be the Vice-President if someone would take on Secretary.
    - iv. Brian, VA3BAH, volunteered to be Vice-President
    - v. Brain, VA3BAH, is appointed as Vice-President by acclamation.
  - c. Swap Shop:
    - i. Ron asked the members if they would like the on air swap shop to continue over the summer and consensus was Yes.
  - d. Repeater Use:
    - i. This weekend the repeater will be used as a back-up for VE3FRG for the bicycle tour support communications.
7. Reports:
  - a. 2m Net Manager:
    - i. Brian, VA3BAH, reported that the net has been active, and is looking for net controllers. The swap shop continually produces results.
  - b. C.F.A.R.S.:
    - i. Chip, VA3KGB, - no report other than the weekly nets have been occurring.
  - c. Hearts and Flowers: Nil Report
  - d. Other Reports: Nil Report
8. Date of Next Meeting: 5 September 2017
9. 50/50 Draw:

- a. A total of \$26.00 with Jack, VE3YCJ, and the Club each receiving \$13.00
10. Adjournment:
- a. It was moved by Doug, VE3FFR, and seconded by Carlyle, VE3WIO, that the meeting be adjourned.
  - b. Carried
11. Presentation:
- a. Doug, VE3FFR, gave a presentation on his home brew Azimuth/Elevation Rotator system.
  - b. Peter, VE3POA, and Dave, VE3EAC, gave a presentation on their recent trip to the Four Days in May and the Dayton Hamvention.

Clifford ('Chip') Chapman, VA3KGB  
Secretary  
Kingston Amateur Radio Club

## MEETING AGENDA

1. Members and Guests introduce themselves
2. Additions to the Agenda
3. Minutes of the last Meeting: errors / omissions / approval (Chip VA3KGB)
4. Treasurer's Report
5. Old Business:
  - a. No old business
6. New Business:
  - a. Italian Content
  - b. Club Dinner
  - c. Club Promotion in newspaper
7. Reports:
  - a. Net Manager (Brian VA3BAH)
  - b. CFARS
  - c. "Hearts and Flowers"
  - d. Other Reports
8. Presentation: Chip VA3KGB will have a presentation and demo of the WHISPER radio system.
9. Date of next meeting: 03 October 2017
10. 50 / 50 Draw
11. Adjournment

FINANCIAL REPORT

**KARC FINANCIAL REPORT –June – August 2017**

**Aug 21, 2017**

**Opening Balance**

<b>Cooperation Plus</b>	<b>5602.65</b>
<b>Dividend Savings</b>	<b>45.89</b>
<b>Equity Shares</b>	<b>261.62</b>
<b>Total</b>	<b>5910.16</b>

**Income**

<b>Int</b>	<b>.13</b>
<b>50 50 Draw</b>	<b>13.00</b>
<b>Membership</b>	<b>50.00</b>
<b>Total</b>	<b>45.13</b>

**Expenditures**

<b>Website</b>	<b>423.14</b>
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**Closing Balance**

<b>Cooperation Plus</b>	<b>5242.60</b>
<b>Dividend Shares</b>	<b>45.89</b>
<b>Equity Shares</b>	<b>261.62</b>
<b>Total</b>	<b>5550.11</b>

## NET CONTROL SCHEDULE

05 September 2017	NO NET, Meeting @ Smitty's
12 September 2017	Brian, VA3BAH
19 September 2017	Assaf, VA3PCI
26 September 2017	Steve, VE3KC
03 October 2017	NO NET, Meeting @ Smitty's
10 October 2017	Larissa, VE3KGC
17 October 2017	Pieter, VE3NXE
24 October 2017	Peter, VE3POA
31 October 2017	Carlyle, VE3WIO
07 November 2017	NO NET, Meeting @ Smitty's
14 November 2017	John, VE3CAK
21 November 2017	Brian, VA3BAH
28 November 2017	Assaf, VA3PCI
05 December 2017	NO NET, Meeting @ Smitty's
12 December 2017	Steve, VE3KC
19 December 2017	Larissa, VE3KGC
26 December 2017	Pieter, VE3NXE
02 January 2018	NO NET, Meeting @ Smitty's
09 January 2018	Peter, VE3POA
16 January 2018	Carlyle, VE3WIO
23 January 2018	John, VE3CAK
30 January 2018	Brian, VA3BAH
06 February 2018	NO NET, Meeting @ Smitty's

## **NET CONTROL SCRIPT**

Revised April 16, 2013

Good evening. This is [name and callsign], net control station for the Kingston Amateur Radio Club's Tuesday night Net.

The Kingston Amateur Radio Club Tuesday Night Net is an informal net that meets at 1930 hours every Tuesday evening on the KARC repeater, VE3KBR. We welcome participation by all amateurs.

Before continuing, is there any emergency or priority traffic? Please call now.

The purpose of the net is to take check-ins; to inform you of KARC activities; and to provide news of interest to Radio Amateurs. Information about KARC may be found on the web site ([www.ve3kbr.com](http://www.ve3kbr.com)) or by contacting any of our club executive members.

I will take check-ins giving priority to mobiles, portables and stations checking in via EchoLink or IRLP. When checking in, please give your call sign phonetically, your name and location, and indicate whether you have any traffic or announcements for the Net.

Are there any stations using EchoLink or IRLP wishing to check in? Please call now.

Are there any mobiles or portables wishing to check in? Please call now.

Are there any base stations wishing to check in? Please call now.

### **Trivia Time**

Here's tonight's trivia question(s).

### **Swap Shop**

Are there any items for the swap shop?

### **Closing**

Are there any additional check-ins or announcements before I end the Net?

That concludes this evening's Kingston Amateur Radio Club Tuesday Night Net. Thank you for participating. We had [number] check-ins this evening. 73. This is [name and callsign] returning the repeater to normal amateur use.