

What's Happening at LARC Meetings?

The November meeting featured a presentation by Karl, VE3RRP on Buck / Boost power supplies available on for purchase on the web. Karl bought in a variety of units and explained how they work. For those who didn't attend the short explanation is that you can put a fixed voltage into a buck / boost power supply and get a variable voltage output. As an example you can put in 5 VDC and get any voltage output from 3 to ~25 volts output. These units also allow for voltage and current limiting at a very reasonable price point. Thanks Karl. I've got several on order.

For the December meeting Leo, VE3ATC will demo all things Arduino. Leo has extensive experience with the Arduino platform and this should be a GREAT presentation. If you have an Arduino please bring it in for a bit of a show and tell after Leo's presentation. If you know anyone who is interested in Arduino, please feel free to bring them along. Hope that you can make the meeting this Thursday, December 8th at 7:30 PM in the Mac building.

Over the two months LARC members have participated in demonstrations for Cub Scouts Jamboree on the Air and with Thunder Bay Police Cadets. We have shown young folks that Amateur Radio is still alive and well. If you would like to help please let me know.

We are always looking for speakers so if you're puttering with something, have a new toy or a better way to do something let one of the executive know and we will slot you in. There's lots of time before next June, 2017. The Executive has made a concerted effort this year to make the meetings interesting and with a variety of topics. We hope you can come out and support your fellow LARC'ers and guests.

photos on page 7 - ed

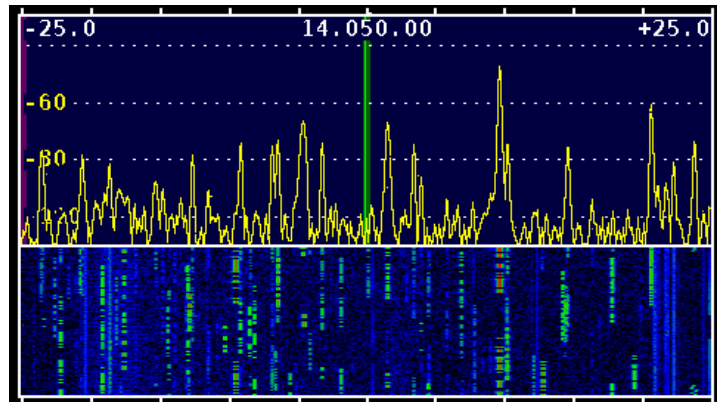
CW is Dead?

You occasionally hear CW is dying if not already dead. Ooops, looks like someone forget to send the memo to the CW Ops.

Below is a screen capture of my Panadapter of the 20 Metre band during the most recent CQWW CW contest. As you can see it's centred on 14050 kHz and covers the band from 14025kHz to 14075 kHz. Each of those spikes is a CW op banging away in the contest. The same bedlam extended from 14000 kHz to well over 14090 kHz. My appologies to the digital ops and I did try to stay out of the digital band but when a new multiplier shows up... well I did appologize.

The exchange is very simple for CW, 5NN 4 from Thunder Bay and easier on phone, 59 4!

Last year just over 7500 folks had a whirl at it. Why not have a go in 2017? And if your not into CW they offer a SSB version. If you're any kind of a contester, paper chaser or looking to work some exotic countries consider giving this one a whirl.



Bill VE3XT



LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Laurie Bridgett VE3BCD
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

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Vice President
Robert Hansen VE3RVA

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Bill Unger VE3XT

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email if possible. Thanks

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. Our meetings are the second Thursday of the month at room 191 McIntyre Building, Confederation College, 7:30 PM. Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hiqnewsletter@gmail.com

Nets in the Thunder Bay Area

Sunday AMETHYST ARES VHF NET, on VE3TBR 146.820- pl 107.2 IRLP Ref. # 9031 @ 0045Z (7:45 pm), also Cook County ARES Response Team (CARRT) net at 0100Z (8 pm) on the BWARC repeater, Grand Portage repeater - 146.655 with CTCSS 151.4

Monday SATERN NET on VE3TBR 146.820- pl 107.2 IRLP Ref. # 9032

SATERN DIGITAL NETS on **Monday & Wednesday** nights

8 pm- 14.065

9 pm- 7.065

10 pm- 3.5835

Mode :Olivia 8/500 1000Hz waterfall centre

Every Day The NORTHWESTERN ONTARIO ARES NET , every evening at 8:15PM (local) on 80m 3.750Mhz (note the time does not change with daylight savings time.)

Any questions on these or other nets please feel free to contact me at my e-mail: ve3mxj@rac.ca

LARC OPEN ACCESS REPEATERS

VE3YQT(Mount Baldy)147.060 (-600) Phone Patch

VE3TBR (St. Joseph's) 146.820 pl 107.2

442.075 (+5 MHz)pl 100

144.390 APRS

VE3UPP Upsala 145.470 (-600)

**Minutes for the
Lakehead Amateur Radio Club
Date: November 10, 2016**

**Vice President, Robert Hansen VE3RVA Pre-
siding.**

Guest Speaker:

Karl Hamilton VE3RRP spoke about breadboard power supplies, comparing several features, costs, sources, eBay purchasing.

Treasurer's Report: Bill Unger VE3XT

Bill Unger VE3XT moves to accept the report as printed in Hi-Q. Seconded by Glen Wallace VE3ICY. Passed Unanimously. Insurance premium: moves to pay: Norm Bell VE3XRC, 2nd by Axel Rehfuhs VE3OPF

Minutes of Previous Meeting:

Karl Hamilton VE3RRP moved to accept the previous meeting's minutes as printed in Hi-Q. Seconded by Bill Unger VE3XT. Passed.

Old Business:

Public Service (John Sacek VA3JMS public events coordinator)

Past Events:

none outstanding

Upcoming Events

Santa Claus Parade November 19th Norm Bell VE3XRC Coordinator

Santa Shuffle December Bob Hansen VE3RVA Coordinator

CANWARN John Sacek VA3JMS

no news

ARES Brad Harris VE3MXJ Thunder Bay EC

Monthly Net is on the last Monday of the month. 7Pm VE3YQT

Net: Daily NW ON HF 3750 Khz, 8:15 ET if an operator is available (Currently Sun, Mon, Tues.)

Repeater News

Randy Gottfred VA3OJ,

Terry Stewardson VA3LU

no report

Club Trailer:

Bob Hansen VE3RVA

Sign change in progress.

YouTube Channel

Cory Vickruck VE3ZCV

New videos in process.

April Dinner Meeting

Bob Hansen VE3RVA reports having booked Chicago Joe's for Thursday April 13th.

New Business

Salvation Army Kettle Drive info received.

RAC Bulletin Highlights by VE3RRP

50/50 Draw: Axel RehfuhsVE3OPF

Adjournment moved by: Axel RehfuhsVE3OPF

Next Executive Meeting: December 1, 2016, 7:30 PM, RM 213

Next LARC Meeting: December 8, 2016, 7:30 PM, RM 214



**Radio Amateurs of Canada
Welcomes New Directors**

Following the call for nominations for Directors of RAC's Atlantic, Ontario North/East, Midwest and British Columbia/Yukon Regions, RAC would like to welcome the following Radio Amateurs to our Board of Directors:

Dave Goodwin, VE9CB, was elected as the new Director for the Atlantic Region

Allan Munnik, VA7MP/VE7RMP, was appointed as the new Director for the British Columbia/Yukon Region

Bjarne (Bj) Madsen, VE5FX, was elected as the new Director for the Midwest Region

RAC would also like to congratulate **Allan Boyd, VE3AJB**, on his re-election as the Director for the Ontario North/East Region. Allan was first appointed by the RAC Board of Directors as the Director for Ontario North/East in January 2016 to fill the vacant position of RAC's newly elected President Glenn MacDonell, VE3XRA. In addition to serving as Director, Allan also serves as the Section Manager for Ontario North. For more information about Allan please visit: <http://wp.rac.ca/new-rac-director-for-ontario-northeast>.

All Directors will begin their two-year term on January 1, 2017 until December 31, 2018.

RAC would also like to welcome **James Hay, VE2VE**, as Deputy Director for the Quebec Region. James previously served as RAC Special Advisor, Technical and Administrative Services and was responsible for RAC's information technology infrastructure. He is also the Secretary-Treasurer of the Montreal Amateur Radio Club (VE2ARC).

Our constitution places a limit of three terms for Directors. I'd like to thank the three departing Directors – Bill Gipps, VE7ISV/VE7XS (Director of the British Columbia/Yukon Region), Derek Hay, VE4HAY (Director of the Midwest Region) and Ev Price, VO1DK (Director of the Atlantic Region) – who completed their third term as Directors at the end of 2016. Their hard work in the important role of Director and their contri-

butions on various assignments throughout their terms made major contributions to Radio Amateurs of Canada. I am sure they will continue to contribute to Amateur Radio in Canada in the future.

Glenn MacDonell, VE3XRA
RAC President and Chair

**Phil Anderson, VE3FAS
Appointed to the Canadian Amateur Radio
Hall of Fame**

The Board of Trustees of the Canadian Amateur Radio Hall of Fame are pleased to appoint Phil Anderson, VE3FAS, of Amaranth, Ontario to the Canadian Amateur Radio Hall of Fame for the year 2016. Amaranth is a township within Dufferin County in south-central Ontario.

The Constitution for the Hall of Fame specifies that the appointment is made "for outstanding achievement and excellence of the highest degree, for serious and sustained service to Amateur Radio in Canada, or to Amateur Radio at large". Phil Anderson is most worthy of this honour.

Phil obtained his Amateur Radio licence in 1961. After a distinguished engineering career in defence research and space design he became an instructor at Humber College. His Amateur Radio involvement includes 50 years of service with the National Traffic System and he was awarded the prestigious Brass Pounders League Medallion for outstanding achievement in passing third party traffic. Phil served with the American Radio Relay League (ARRL) Eastern Area, was the Manager of the Eastern Canadian Net and Transcontinental Corps (TCC), and he volunteered with the QSL bureau for over 20 years.

Phil Anderson will be formally inducted to the Hall of Fame at a club event in 2017. A detailed account of his achievements will be presented in a future edition of The Canadian Amateur.

Prepared by Ed Frazer, VE7EF
Chair, Board of Trustees
Canadian Amateur Radio Hall of Fame

Lakehead Amateur Radio Club

November 2016 Treasurers Report

Balance November 1, 2016 \$1,265.18

Income

Memberships, November 1	\$140.00
Memberships, November 14	\$105.00
Total Income	<u>\$245.00</u>

Expenses

Purchase Additional Shares as req'b by Cr. Union, Nov. 2	\$25.00
Club, Trailer Liability Insurance, November 11	\$549.72
Total Expenses	<u>\$574.72</u>

Balance November 30, 2016 \$935.46

<u>Trailer Account</u>	
Previous Balance	\$138.45
<u>Income</u>	
November 30, Interest	\$0.01
Total	<u>\$138.46</u>
<u>Expenses</u>	
Total Expenses:	\$0.00
Balance in Trailer Account	<u>\$138.46</u>

Term Account

November 01 2016 Balance	\$2,055.29
November 19, Interest	\$0.68
November 30, 2016 Balance	<u>\$2,055.97</u>

Bill Unger VE3XT
Treasurer

RAC BULLETIN (November 18)

Distracted Driving in Canada: An Update

Distracted driving regulations continue to be an area of interest for many Canadian Radio Amateurs. These regulations are made and enforced by provincial governments and can vary considerably from province to province and over time. Radio Amateurs of Canada has prepared a list of links to current regulations in all provinces that have established them. They can be found at: <http://wp.rac.ca/distracted-driving-regulations-update/>

Radio Amateurs of Canada representatives in our regions often work to clarify regulations where Amateurs may be caught up in them or when the regulations are being created or modified. A Subcommittee has been formed to monitor the legislation and work with government officials on a province by province basis to look after the interests of Canadian Amateurs. This committee is under the direction of RAC British Columbia/Yukon Director, Bill Gipps, VE7XS. Two provinces are the focus of current activity: British Columbia and Ontario.

In British Columbia, Bill Gipps, VE7XS, together with two local Amateurs, recently met with BC government representatives to discuss BC distracted driving regulations and their application to Amateur Radio. They have had three meetings to date and recently completed two excellent working sessions. The BC Amateurs are pleased with the significant progress made through these sessions and will continue to follow the process while the BC government engages other stakeholders and solicits their input. Bill anticipates that there will be more news and clarifying material available before Christmas and we will post the information on the RAC website when it is available.

In Ontario, a temporary exemption for Amateurs in Ontario is due to expire on January 1, 2018. RAC Ontario South Director Phil McBride, VA3QR and RAC North/East Director, Al Boyd, VE3AJB, have obtained letters of support from Ontario Amateurs and are looking for additional letters of support from organizations such as Amateur Radio clubs and ARES groups. They have also been in touch with the Minister of Transportation and have received word that the On-

tario government is considering the Amateur Radio exemption issue.

RAC will continue to provide additional information about distracted driving regulations on the RAC website as it unfolds. If you have any questions or concerns or you would like to send a letter of support, please feel free to contact your Director at any time at the address shown on page 4 of The Canadian Amateur magazine and at: <http://wp.rac.ca/board-of-directors/>

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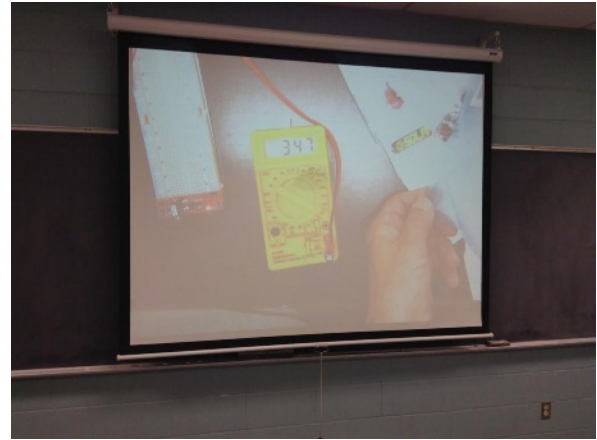
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Glenn MacDonell, VE3XRA
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Radio Amateurs of Canada



LARC Photos



Karl, VE3RRP on Buck / Boost power supplies



LARC members Randy VA3OJ and Lori VE3VAI demonstrating amateur radio to the Thunder Bay Police Youth Corps

Hurricane Watch Net Honours Bermuda Radio Amateur - 2016-11-11 BY ALAN GRIFFIN

The American Radio Relay League and the Hurricane Watch net provided the following report:

<http://www.arrl.org/news/hurricane-watch-net-honors-bermuda-radio-amateur>

The Hurricane Watch Net (HWN) has recognized one of its long-time members, Antony “Tony” Siese, VP9HK. HWN Manager Bobby Graves, KB5HAV, announced on October 20 that the net would confer upon Siese the title of “Honorary Member,” in recognition of his 31 years of service. Graves said Siese is the first non-manager to be named an Honorary Member.

VP9HK joined the HWN in 1985, although, he said, he took a “sabbatical” last year. In 2003, his reports during Hurricane Fabian gave forecasters at the National Hurricane Center valuable ground-truth information and insight as to what the storm was doing in Bermuda, Graves said, earning Siese the Message in a Bottle Award from W4EHW (now WX4NHC) for the 2003 Hurricane Season.

“It is very rare for any individual to be so dedicated to an organization, especially as a volunteer,” Graves said. “Tony, on behalf of the Hurricane Watch Net, thank you for all you have done and continue to do.” Siese was first licensed in the UK as G4CIL in the 1970s. He’s lived in Bermuda for more than 52 years.

— Thanks to the Hurricane Watch Net



December 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8 LARC Meeting at Con College	9	10	11 ARRL 10 Metre Contest
12	13	14 CWops Mini CWT test	15	16	17	18 Stew Perry Topband Challenge
19	20	21 Phone Fray	22	23 NCCC Sprint	24	25 Christmas Day
26 Boxing Day	27	28	29	30 QRP Fox Hunt	31	