

What's Happening at LARC Meetings?

At our February meeting Karl, VE3RRP spoke about his Contemporary Solar Array he installed at his QTH. It consists of 46 solar panels feeding an equal number of μ converters capable of generating 215 Watts each. With bright sun this system can generate approximately 10 kW which is fed back into the hydro grid. There are no batteries used for storage so it is fed back in real time. Karl also showed how he can monitor the system in real time and collect data on its performance over the web. After his presentation there were lots of questions and answers. Another excellent presentation by a LARC'er.

For the March meeting **Mike, VE3EDX will show you how to put an extra \$651.50 if not more in your pocket.** So, now I've got your attention here is how it works. You've decided you want to get a DXCC, con-

letting details getting the way of a good LARC presentation. This should be a great one and hope to see you there on March 10th.

If you want to know if you have incoming paper QSL cards at the VE3 / VA3 QSL Bureau follow this link: <http://ve3qcb.ca/do-you-have-cards/>

Since the Great Component Giveaway didn't happen at the last meeting we will try again for March. I'm not able to tell you a lot about it, so you will just have to show up to get in on it.

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 is lots of time before next June.

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.



Next Club meeting is March 10th at Confederation College, McIntyre Bldg., 1930 hours. **RM 214**

firmed contacts from 100 different countries. You need 100 paper QSL's from 100 different countries. Let's see what it will cost:

Postage: \$2.50Can International Postage Stamps x 100 + 13 % HST = \$282.50

"Return Stamps" aka US green backs to ensure return postage \$2 US x 100 at 1.5 exchange rate = \$300.00

Envelopes = \$10.00

QSL cards 250 for \$59.00Can = \$59.00

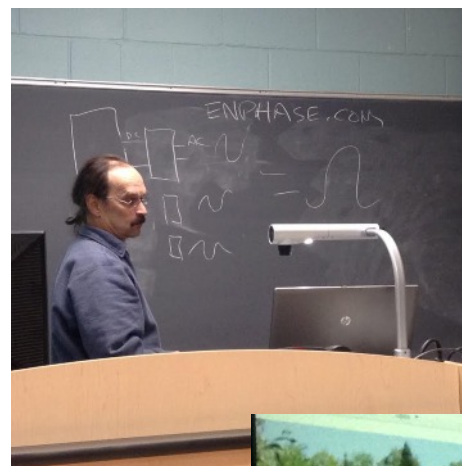
Total Savings = \$651.50

The QSL's were quoted from QSL Concept that appears to be a Canadian company, here is a link:

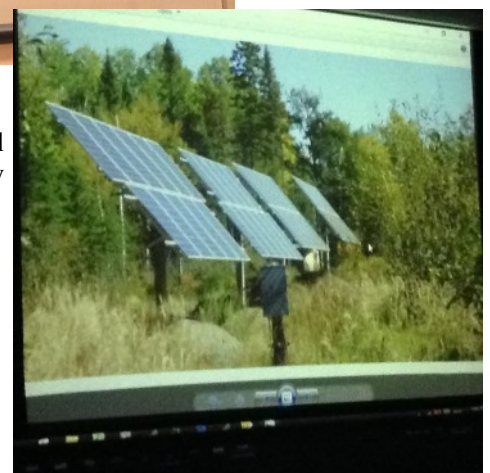
<http://www.qslconcept.com/canadaen> for the record

I've no affiliation with this company. But think globally and shop locally.

Mike will show us how to use eQSL service to receive QSL's for virtually nothing. Now for the small print, eQSL does not qualify for DXCC. But I'm a firm believer in never



Karl VE3RRP presenting solar power arrays



Karls solar panel array

LARC SENATE

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

LARC EXECUTIVE

President

Randy Gottfred VA3OJ

Vice President

Robert Hansen VE3RVA

Treasurer

Bill Unger VE3XT

Secretary

Karl Hamilton VE3RRP

Board Members

Mike Skillen VE3EDX

Andy Malcom VE3INI

Terry Stewardson VA3LU

Mark Vaillant VA3MVR

LARC Emergency Coordinator

Brad Harris VE3MXJ 767-0628

ARES District Emergency

Coordinator

vacant

CANWARN

VA3JMS John 767-3631

VE3MXJ Brad 767-0628

Public Service Events

VA3JMS John 767-3631

Accredited Examiners

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VE3VAI Lori Bedford 622 – 6386

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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)

Lakehead Amateur Radio Club

February 2016 Treasurers Report

Balance February 1, 2016 \$1,264.24

Income

February 12, January & February 50/50 \$13.00

Total Income \$13.00

Expenses

Total Expenses \$0.00

Balance February 29, 2016 \$1,277.24

<u>Trailer Account</u>	
Previous Balance	\$138.36
<u>Income</u>	
Interest, February 29, 2016	\$0.01
Total	<u>\$138.37</u>
<u>Expenses</u>	
Total Expenses:	\$0.00
Balance in Trailer Account	<u>\$138.37</u>

Term Account

February 01 2016 Balance \$2,049.21

Interest, February 23, 2016 \$0.67

February 29, 2016 Balance \$2,049.88

Bill Unger VE3XT
Treasurer

Why Ham Radio Is Still Handy

By Patrick Nelson

Date Aug 8, 2012 5:00 AM PT/date

The tragic events of Sept. 11, 2001, and Hurricane Katrina in 2005 highlighted two phenomena common in disasters: Network communications tower sites were destroyed, and network traffic overwhelmed systems -- two distinct issues causing failure in both public safety, and consumer-oriented communications.

Power failures cut off the Internet, and in New York, debris raining down onto ground-based infrastructure, like switching equipment, destroyed much of any communications left.

However, in the early stages of both emergencies, a group of individuals stepped in and took over much communication with privately owned radio equipment, at no cost to the taxpayer.

Who were these saviors?

New York and New Orleans

In New York City, a loosely organized national group called "Amateur Radio Emergency Service" (ARES) was activated within five minutes of American Flight 11 crashing into the north tower, the first attack. Private, non-government radio operators, called "Hams" or "Amateur Radio Operators" worked in shifts for two weeks.

In 2005's Hurricane Katrina, radio operators were functioning three days *before* landfall. At the request of the American Red Cross, radio operators then supplemented communications at 200 shelters. Seven-hundred private radio operators were working by Sept. 6.

A perusal of modest collateral produced by another associated bunch, the [National Association for Amateur Radio](#) (ARRL) comes up with more:

Hurricane Hugo, 1989; *All* conventional communication was destroyed; amateur radio networks coordinated relief shipments and medical supplies; hot-shot teams called

"jump-teams" visited affected areas. It goes on.

"At some point, our standard means of communications -- cellphone, landline and Internet -- will likely fail. When events like this happen, volunteer Ham operators give of themselves to save lives and property," Bryce Anderson, a member of the Los Angeles-based Topanga Disaster Radio Team (DRT), told TechNewsWorld.

....submitted by Brad Harris VE3XMJ, LARC ARES Co-ordinator

WANTED

I am looking for a Motorola Maxtrac VHF high band with the 16 pin accessory board. - Jeff Cederwall VE3JTD
contact ve3jtd@gmail.com

Silent Key

We are very sorry to announce that the key of Annabelle Randle VE3XAW wife of Duane Randle VE3DZR has fallen silent. Our sincerest condolences to the Randle family.

Interesting Links From Jan VA3JRS

<http://science.nasa.gov/iSat/iSAT-text-only/?failure=Webgl>

http://www.ifallsjournal.com/news/local/talking-to-the-world/article_311591d9-18ee-5c3a-92d6-8818e60e1949.html

<http://www.popularmechanics.com/technology/a19407/this-is-the-most-dangerous-way-to-listen-to-the-radio/>

F.Y.B.O. 2016

by Fred Lesnick VE3FAL

I figured the weather was looking good and I would set up for F.Y.B.O. in my back yard at the picnic bench. I cleared the snow from on and around the table and started setting up just after 1500z.

I was using the YouKits HB1B MKIII QRP CW transceiver with built in battery. I set up the Chameleon F-Loop antenna on a tripod and hooked that to the radio. My key of choice was my Czech military key.



de	dx	freq	cq/dx	snr	speed	time
W4KKN	VE3FAL	14062.0	CW CQ [LoTW]	7 dB	17 wpm	1641z 06 Feb
KM3T	VE3FAL	14057.0	CW CQ [LoTW]	4 dB	17 wpm	1612z 06 Feb
AA4VV	VE3FAL	14057.0	CW CQ [LoTW]	4 dB	15 wpm	1611z 06 Feb
WZ7I	VE3FAL	14057.0	CW CQ [LoTW]	12 dB	17 wpm	1610z 06 Feb
K1TTT	VE3FAL	14057.1	CW CQ [LoTW]	6 dB	17 wpm	1610z 06 Feb
WZ7I/3	VE3FAL	14057.0	CW CQ [LoTW]	10 dB	17 wpm	1610z 06 Feb
AA4VV	VE3FAL	14061.0	CW CQ [LoTW]	6 dB	17 wpm	1540z 06 Feb
WZ7I	VE3FAL	14061.0	CW CQ [LoTW]	13 dB	17 wpm	1540z 06 Feb
VE2WU	VE3FAL	14061.0	CW CQ [LoTW]	9 dB	18 wpm	1535z 06 Feb
AA4VV	VE3FAL	14061.0	CW CQ [LoTW]	5 dB	18 wpm	1529z 06 Feb
WZ7I/3	VE3FAL	14061.0	CW CQ [LoTW]	9 dB	18 wpm	1529z 06 Feb
W4KKN	VE3FAL	14061.0	CW CQ [LoTW]	15 dB	18 wpm	1529z 06 Feb
K3LR	VE3FAL	14061.1	CW CQ [LoTW]	23 dB	18 wpm	1529z 06 Feb
K1TTT	VE3FAL	14061.1	CW CQ [LoTW]	6 dB	18 wpm	1529z 06 Feb
WZ7I	VE3FAL	14061.0	CW CQ [LoTW]	14 dB	18 wpm	1529z 06 Feb

VE3FAL frequencies on last 15 minutes:
no spot...

Donate

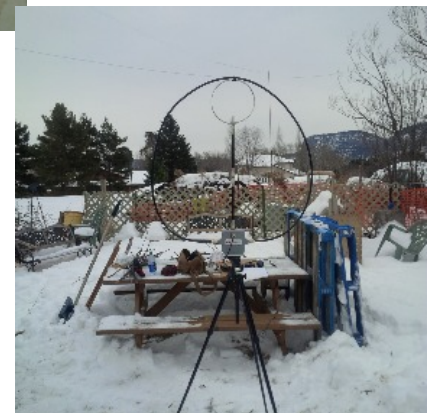
we have 139 skimmers online

skimmers online:

- 9K2HN - 40m,20m,80m
- 9V1RM - 20m
- AA4VV - 10m,20m,30m,40m,17m,15m
- AC0C - 10m,20m,30m,40m,17m,12m,15m
- AK7V - 40m,20m
- BG5EEF - 40m,80m
- BG8NUD -
- CX2ABP -
- CX7ACH - 20m,40m,12m,17m,15m
- DB0MMO -
- DF1LON - 20m,40m
- DF4UE -
- 10m,20m,30m,80m,40m,60m,17m,12m,15m

Temperature was 19F in the back yard, and some light snow was starting to fall. The bands were alive with the MN QSO party among others QSO Parties and some huge pile ups as well on 20 meters.

I was able to work WA5BDU in AR and exchange information with him. On 15 meters I heard NQ7RP/5 as well but signals were way down in the mud. My goal was not to break any QSO records or any record at all, but to just get outside and set up, I had participated in Winter Field Day the weekend before and hauled my sleigh and gear into the bush and played in that. My goal was just to set up and make a QSO and have some fun. It was a pleasure to not freeze off any extremities and still send cw without gloves.



**Minutes for the
Lakehead Amateur Radio Club**

Repeater News
Randy Gottfred VA3OJ, Terry Stewardson VA3LU
All are operational.

Date: February 11, 2016

Vice President, Robert Hansen VE3RVA Pre-siding.

Club Trailer:
Bob Hansen VE3RVA
Snow has been removed from roof.

Guest Speaker:
Karl Hamilton VE3RRP spoke on his 10 Kw Solar Array and grid tie.

PicAxe Project
Postponed until next year.

Treasurer's Report: Bill Unger VE3XT
Bill Unger VE3XT move\ed to accept the report as printed in Hi-Q. Seconded by Karl Hamilton VE3RRP. Passed Unanimously.

Dinner Meeting April 14
Annual dinner meeting will be at Chicago Joe's. EcoSuperior will talk about Radon Gas.

Minutes of Previous Meeting:
Karl Hamilton VE3RRP moved to accept the previous meeting's minutes as printed in Hi-Q. Seconded by Brad Harris VE3MXJ. Passed.

New Business
RAC Bulletin Highlights by VE3RRP

Old Business:
Public Service (John Sacek VA3JMS public events coordinator)
The Thunder Bay Triathlon has been cancelled for an indefinite time

50/50 Draw: Robert Hansen VE3RVA

Adjournment moved by: Chris Chadwick VA3TBA

Past Events:

Upcoming Events
Sleeping Giant Loppet Saturday March 5, 2016
10 Mile Road Race Monday May 23

Next Executive Meeting: March 3, 2016, 7:30 PM, RM 213

CANWARN John Sacek VA3JMS
no activity to report.

Next LARC Meeting: March 10, 2016, 7:30 PM, RM 214

ARES Brad Harris VE3MXJ Thunder Bay EC
ARES Exercise with Americans in Grand Marais, Cook Count. and Lake County, April 30th.As part of the Cook County Emergency Services Conference.
PDFs were sent by Brad to all ARES members. Brad encouraged everyone to take the IMS100 course available online.
Net: Daily NW ON HF 3750 Khz, 8:15 ET if an operator is available

March 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9 Phone Fray	10 LARC Meeting Con College 1930	11	12 RSGB Commonwealth Contest	13 Wisconsin QSO Party 2:00 AM clocks are turned forward 1 hour
14 Bucharest Contest	15	16 CWops Mini Test	17	18	19 Russian DX Contest	20 Vernal Equinox 12:30 AM EDT
21 Run for the Bacon QRP Contest	22	23	24	25 Good Friday	26 CQ WW WPX Contest, SSB	27 Easter Sunday
28 Easter Monday Low Power Spring Sprint	29	30	31			

**RadioSport Manitoba
and the
Winnipeg Amateur Radio Club
Invite You to**



**Saturday, April 2, 2016 9:30am - 4:00pm
Canad Inn, Garden City, Winnipeg, MB**

For non-hams, new hams and old timers: Discover what HF radio magic is all about in 2016. Join us for this hands-on event, and experience HF radio first hand. Learn from experienced operators the how, what and why of HF (shortwave) Amateur radio. Enjoy making contacts to hams around the world, using a station in Winnipeg, or other exotic locations using internet remotes. (Don't know what that is? Come see. Learn. Interact.) Learn how to "do" from experienced HF hams. Building/Buying a Station. Collecting Awards. Competing in RadioSport – all part of Amateur Radio in this new century.

Featured speakers include

Gord Kosmenko, VE6SV, (Keynote) from Sherwood Park, AB, who has built a successful, team oriented, competitive, multi-operator contest station.

Tom Haavisto, VE3CX, from Thunder Bay, ON will share information about stations he has visited recently.

Ed Richardson, VE4EAR, from Winnipeg, MB will talk about HF Antennas from Basic to Intermediate.

Gerry Hull, VE4CDX (W1VE), From Hancock, NH USA, will give a talk on how the Internet has enhanced the HF experience.

Others TBA

Cost: \$10.00 per person, in advance or \$15.00 after March 15th. There is an optional lunch buffet (cost not included with registration)

~ Door prizes from equipment manufacturers will be awarded during the event ~

For more information contact, Cary, ve4ea@rac.ca or Jack vhfplus@gmail.com

Discover the HF Experience
Saturday, April 2, 2016 9:30am - 4:00pm
Canad Inn, 2100 McPhillips St. Winnipeg, MB.

Registration

Name _____

Call Sign _____

Email address: _____



I am interested in

_____ Beginner track

_____ Intermediate track

Fee: \$10.00 (to March 15), or \$15.00 after Mar.15, payable by cash or cheque to:

Harm Hazeu, (RSM 7 Ashley Cove, Winnipeg, Mb R2G 2Z3.

Fee can also be paid to Bob Jacobs (VE4RCJ) WARC Treasurer or any member of RSM.

See also www.radiosport.ca for PayPal payment.

Return registration form to ve4ea@rac.ca or vhfplus@gmail.com

Out of town attendees:

Book your room at Canad Inn, PH: (204) 633-0024. Advise that you are part of the RadioSport Manitoba Conference for the rate of \$109.