



What's Happening at LARC Meetings?

At the December meeting of the LARC Brad, VE3MXJ and Bill, VE3XT had a show and tell on what's in their go kits.

Brad mentioned the contents of a go kit will vary from person to person and can also depend on the situation. Brad's kit was more of the "everything but the kitchen sink" variety and Bill's was more of the minimalist brand. However both agreed that regardless of what variety you choose if you're involved in public service or EMCOMMS you need one.

As a bit of a bonus session Cory, VE3ZCV gave an excellent impromptu talk on his HF go kit. As part of his field work Cory goes to parts of NW Ontario where the only repeater is one loon mimicking another. Central to his kit is a YouKits HB-1B transceiver and paddle. He packs everything in a small kit and is ready to be QRP QRV in short order. From the look on his face it must work pretty well!

For the January meeting Cory will be returning to show how he set up an email / chat server using a Raspberry Pi computer and have it connected to it to a MESH network.

He has also agreed that if you have an old router and want it programmed to interface with the MESH network bring it along and he will reprogram it.

Not to put any pressure on Cory but if you can only make one meeting of the LARC and are interested in new technologies and Amateur Radio this is the one to attend.

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 to make the meetings interesting and with a variety of topics. We hope you can come out and support your fellow members.



**Next LARC Meeting:
January 14, 2016, 7:30
PM, RM 214**

**LARC Dinner meeting April
14th, 2016**

Let's start 2016 with a puzzle

Problem: There is a three digit number. The sum of the digits is 17, and two of the digits are the same. The unique digit subtracted from one of the other digits equals a positive even number. What is the digit that is different from the other two digits?



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 Hanson 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

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Public Service Events

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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)

Minutes for the Lakehead Amateur Radio Club

Date: December 10, 2015

President, Randy Gottfred VA3OJ Presiding.

Guest Speaker:

Brad Harris VE3MXJ, Bill Unger VE3XT spoke on ARES Go Kits and how they put together their kits. Cory Vickruck VE3ZCV spoke on his Go Kit and how it was configured. The Go Kits were on hand for the demonstration.

Treasurer's Report: Bill Unger VE3XT

Bill Unger VE3XT moved to accept the report as printed in Hi-Q. Seconded by Robert Hansen VE3RVA. Passed Unanimously.

Minutes of Previous Meeting:

Karl Hamilton VE3RRP moved to accept the previous meeting's minutes as printed in Hi-Q. Seconded by Doug McCormick VE3EFC. Passed.

Old Business:

Public Service (John Sacek VA3JMS public events coordinator)

Past Events:

Santa Claus Parade Saturday November 21st, starts at the Superstore parking lot and runs to the Auditorium. Thank you to Linda Bell VE3XRB for race day coordination

Santa Shuffle Saturday December 5th: Bob VE3RVA reported it went well.

Upcoming Events

Sleeping Giant Loppet Saturday March 5, 2016

CANWARN John Sacek VA3JMS

no activity to report.

ARES Brad Harris VE3MXJ Thunder Bay EC

November 22nd Cross-band repeat exercise had 12 participants and the exercise went well.

Net: Daily NW ON HF 3750 Khz, 8:15 ET if an operator is available

Repeater News

**Randy Gottfred VA3OJ,
Terry Stewardson VA3LU**

VE3TBR has antenna fixed by Terry Stewardson, and installed.

Club Trailer:

Bob Hansen VE3RVA

Trailer is stored for the winter under its tarp at Bob's place.

PicAxe Project

9 people interested. We plan to do a costing and then ask those interested to pay for it.

We will then get the parts and hold a project day at the 55 Plus Centre.

New Business

RAC Bulletin Highlights by VE3RRP
PJ2/VE3CX to operate PJ2T look for 14.025

LARC Dinner meeting April 14th, 2016

50/50 Draw: Brandon Rehtuhs VE3OTB

Adjournment moved by: Randy Gottfred VA3OJ

**Next Executive Meeting: January
7, 2016, 7:30 PM, RM 213**

**Next LARC Meeting: January 14,
2016, 7:30 PM, RM 214**

Lakehead Amateur Radio Club

December 2015 Treasurers Report

Balance December 1, 2015 **\$1,104.11**

Income

Associate Membership, December 15	\$20.00
50/50 December 15	\$4.05
Trailer Insurance rebate to LARC, December 15	\$136.08
Reimbursement for Trailer Tarp, December 15	\$500.00
Total Income	<u>\$660.13</u>

Expenses

Tarp for Trailer, December 15	\$500.00
Total Expenses	<u>\$500.00</u>

Balance December 31, 2015 **\$1,264.24**

<u>Trailer Account</u>	
Previous Balance	\$774.39
<u>Income</u>	
Interest, November 30	\$0.04
Total	<u>\$774.43</u>
<u>Expenses</u>	
Tarp for Trailer, December 15	\$500.00
<u>Trailer Insurance, December 15</u>	\$136.08
Total Expenses:	<u>\$636.08</u>
Balance in Trailer Account	<u>\$138.35</u>

Term Account

December 01 2015 Balance	\$2,047.87
Interest, December 25	\$0.67
 December 31, 2015 Balance	 \$2,048.54

Bill Unger VE3XT
Treasurer

Puzzle Problem Solution

Solution: If two of the numbers in the digit are the same, and the sum equals 17, the possible digits are 449, 557, 665, 773, and 881. Now you must subtract the unique digit from one of the other digits to get a positive even number. 449 and 557 result in negative numbers, so neither of them can be the answer. 665 results in 1, 773 results in 4, and 881 results in 7. 4 is the only one that is even, therefore, the digits have to be 7, 7, and 3. This makes the answer = 3.

Feeling chilly? Here is a photo of Tom PJ2/VE3CX playing in the sun!



“Official” P5/3Z9DX North Korea Activation Now Set for this Summer

01/06/2016 ... via ARRL

Following an unexpected “demonstration” operation from North Korea — officially the Democratic People’s Republic of Korea (DPRK) — just before Christmas, Polish DXer Dom Grzyb, 3Z9DX, now expects to be back in the DPRK — the most-wanted DXCC entity — for his “official” activation by late this summer. He initially had anticipated returning this month or next. P5/3Z9DX showed up on the air from the most-wanted DXCC entity on December 20 and 21 to demonstrate Amateur Radio for North Korean officials. Over the course of that activation — the first in more than a decade — P5/3Z9DX made nearly 785 SSB contacts, most of them on 15 meters. Nearly 600 of the contacts were with stations in Asia; P5/3Z9DX worked just 26 stations in North America. He has posted his log on ClubLog.

“Finally home!” Grzyb said in a December 29 post to an eHam.net reflector. “Wish you all the best in 2016 and thank you to all who support me with this project.”

Grzyb recently contacted The Daily DX Editor Bernie McClenny, W3UR, to update his situation. During his visit, authorities were friendly and polite, McClenny reported, noting that he was also surprised that they allowed him to operate in December. P5/3Z9DX was severely hampered by extremely high noise levels on all HF bands, not to mention a geomagnetic storm. Noise, he said in a video posted on his website, made it “almost impossible” to copy weaker signals in Pyongyang.

When he goes back to the DPRK this summer, he will be operating from a far quieter location in a rural area, Grzyb told The Daily DX. While operating from North Korea in December, P5/3Z9DX was running 100 W to a vertical antenna mounted on a metal fencepost some 7 feet above the ground among government high-rise buildings. His equipment was left behind in Pyongyang, as agreed to before his December visit. The P5/3Z9DX preview was the first from North Korea since the 2001-2002 operation by Ed Giordadze, 4L4FN. — Thanks to OPDX, The Daily DX

Links from Jan VA3JRS

http://money.cnn.com/2016/01/08/technology/motorola-dead-lenovo/index.html?iid=ob_homepage_deskrecommended_pool&iid=obnetwork

<https://www.washingtonpost.com/news/capital-weather-gang/wp/2015/12/29/space-weather-in-2016-big-storms-unlikely-but-a-nagging-cosmic-drizzle/>

<http://rsgb.org/main/get-started-in-amateur-radio/amateur-radio-a-hobby-for-the-21st-century/>

<http://www.hornucopia.com/contestcal/index.html>

US 600 Meter Experimenters, Canadian Amateurs Take Part in Berlin Treaty Event

01/04/2016 via ARRL

Experimental station licensees in the US, including some ARRL 600 Meter Experimental Group (WD2XSH) participants, and radio amateurs in Canada took part in a special event operation over the November 13-14 weekend, which also involved the Maritime Radio Historical Society (MRHS). The event marked the 109th anniversary of the Berlin Treaty, which established SOS as the official distress signal, and 500 kHz as the official distress band. “Conditions were regarded as mediocre, and QSB was a problem,” ARRL 600 Meter Experiment Coordinator Fritz Raab, W1FR, in his just-released Experimental Group quarterly report. “Nonetheless, there was a good deal of activity.”

The Canadian amateurs had invited cross-band contacts with the US Experimental licensees, and several took place. The MRHS transmitted from shore station KSM in Point Reyes, California, and from KYVM on board the SS Red Oak Victory.

In his last quarterly report, Raab also reported 24 additional contacts during the September 1-November 30 reporting period, for a total of 562 since the experiment began in 2006. Raab last year recommended renewal of the WD2XSH Experimental license, since the US still had no medium-frequency (MF) Amateur Service allocation. WD2XSH operations have demonstrated that the Amateur Radio community is interested in MF operation, he said. The WD2XSH experiment involves more than three dozen stations and includes all geographic areas of the US, including Alaska and Hawaii. Raab has reported no interference issues during the WD2XSH experiment.

Amateur Radio operators in Canada gained access to 472-479 kHz on May 1, 2014. In the US the FCC has allocated 135.7 to 137.8 kHz to the Amateur Service on a secondary basis, in accordance with the Final Acts of the 2007 World Radiocommunication Conference (WRC-07). The Commission also has proposed a secondary 630 meter MF Amateur Radio allocation at 472 to 479 kHz, implementing decisions made at WRC-12. The FCC has not yet permitted Amateur Radio operation in either band, however.

January 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
Plan now for the dinner meeting April 14 th				1 <small>New Year's Day</small>	2	3
4	5	6	7	8	9	10
11	12	13	14 LARC Meeting Con College	15 NCCC RTTY Sprint	16 North American QSO Party, SSB	17
18 Run for the Bacon QRP Contest	19	20	21	22	23 Montana QSO Party	24
25	26	27	28	29	30 Winter Field Day	31