

S.E.T. 2016

On Saturday October 8, 2016 was the annual Simulated Emergency Test.(S.E.T.), held at our E.O.C. station , VE3SAO , 55plus Centre on River St. in Thunder Bay The SET started at 1000 hours and finished at 1400 hours. We had 6 Thunder Bay ARES Group members participate. We started a local 2 metre net on our main repeater, VE3YQT, asking for availability and present locations.

We had great luck with HF, particularly on 40m, making contact with VE3SOO the Sault Ste.Marie, ON, EOC, VE3GSU the Sudbury EOC and Alan Boyd VE3AJB from his home station.

We also used the WinLink digital system , contacting, VE3FYN, Atikokan
VA3ECO, Kenora
VE3SAO, Thunder Bay (EOC, ops VE3XT, VE3MXJ, VEFAL)
VE3BVC, Fort Frances
VE3JJA, Sioux Narrows
VE3YDN, Dryden (voice-only)

In passing simple messages, voice may be faster than WinLink, due to the extended handshake and slow data throughput. For this reason, phone is useful for coordination purposes. A viable approach in a real emergency may be – where all stations are able to communicate with each other via HF – to use a phone net to transfer information, and then confirm with WinLink emails. Forty and 80 metre bands are most viable in this region for voice communications, but are generally only effective near sunrise and sunset. Voice nets should be scheduled with this in mind. Likewise, HF communications from this area to Toronto are best on 20 metres, which peaks in the afternoon, so voice communications with the Provincial EOC should keep this in mind. WinLink would work well for humanitarian traffic, where people in the affected area could enter short

e-mail messages on a dedicated computer, and then have them forwarded to their final destination.

I think this years SET was very successful, and we learned a lot from it.

At this time I would like to thank everyone who checked in and helped out.

Thanks
Brad VE3MXJ CEC
E.C for the City of Thunder Bay ARES Group

Congratulations

to the Winnipeg Amateur Radio Club and their nine new amateurs that passed the Industry Canada examinations. Well done!

ARISS Packet System on Board the ISS Switched to UHF

11/04/2016 via ARRL

Due to the recent failure of the Ericsson VHF radio in the ISS Columbus module, the Amateur Radio on the International Space Station (ARISS) APRS packet system that normally operates 145.825 MHz has not been available. Crew member Shane Kimbrough, KE5HOD, has activated an ARISS UHF radio that had been in storage on the ISS, and it is now operational on 437.550 MHz.

The packet system uses the same protocol as the VHF system. Operators using the system should adjust for increased Doppler shift at UHF.

The ARISS team is currently working on Kenwood TM-D710GA models to replace all Amateur Radio transceivers on board the ISS. The target date for delivery is late 2017. — Thanks to ARISS

LARC SENATE

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

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

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

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 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

VE3FAL Fred Lesnick 577-0789

flesnick@tbaytel.net

VE3VAI Lori Bedford 622 – 6386

ve3vai@tbaytel.net

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: October 13, 2016**

President, Randy Gottfred VA3OJ Presiding.

Guest Speaker:

Brad Harris VE3MXJ, Thunder Bay ARES Emergency Coordinator, gave a brief history of ARES.

Election of Board of Directors:

Brad Harris VE3MXJ expressed a desire to step down, and Mark Vaillant VA3MVR was nominated to run by Karl Hamilton VE3RRP. Mark Vaillant VA3MVR acclaimed to Board of Directors.

Treasurer's Report: Bill Unger VE3XT

Bill Unger VE3XT moved to accept the report as printed in Hi-Q. Seconded by Cory Vickruck VE3ZCV. Passed Unanimously.

Minutes of Previous Meeting:

Karl Hamilton VE3RRP moved to accept the previous meeting's minutes as passed out at the meeting. Seconded by Axel Rehfuhs VE3OPF. Passed.

Old Business:

Public Service (John Sacek VA3JMS public events coordinator)

Past Events:

Caribou Ride Sunday September 11
CIBC Run for the Cure Sunday October 2

Upcoming Events

Christmas Parade November 19th, Bill Unger VE3XT Coordinator will need a few ops.
Santa Shuffle December Bob Hansen VE3RVA, Coordinator

CANWARN John Sacek VA3JMS

no news

ARES Brad Harris VE3MXJ Thunder Bay EC

Monthly Net last Monday of the month.
Net: Daily NW ON HF 3750 Khz, 8:15 ET if an operator is available

SET on October 8th used VE3SAO as our EOC, with 6 hams, had 7 checkins on the VE3YQT net. Also made HF contact with the EOCs of Sault Ste. Marie and Sudbury, and passed traffic using the Winlink system with Atikokan, Souix Narrows, and Kenora.

Repeater News

**Randy Gottfred VA3OJ,
Terry Stewardson VA3LU**

Annual YQT inspection will be coming up and a TBR battery swap is in the works. A new mountain top repeater site for the Lakehead region is in the works.

Club Trailer:

Bob Hansen VE3RVA

Trailer will be available for use during the Santa Claus Parade.

New Business

Annual Dinner Meeting:

Chicago Joe's will charge \$50 if less than 15 people attending

Ham Class:

Axel Rehfuhs VE3OPF, let the leadership of the Thunder Bay Police Youth Corps know that LARC holds license classes. The corps is for youth 14-19 yrs old.

LARC YouTube Channel

Cory Vickruck VE3ZCV has started a Club Youtube channel. The first video is up.
RAC Bulletin Highlights by VE3RRP

Boy Scouts JOTA

The annual Jamboree On The Air is this Saturday. VE3SAO will be a host starting at 10AM.

RAC Bulletin Highlights by VE3RRP

Adjournment moved by Brad Harris VE3MXJ

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

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

What's Happening at LARC Meetings?

by Bill VE3XT

The October meeting featured a presentation by Brad, VE3MXJ on the History of ARES. This was timely as the prior weekend we had our annual Simulated Emergency Test (SET) which was run out of VE3SAO at 55+ on River St. The context was that Atikokan was isolated by a fire that had cut all communications in and out of the community. Amateurs were tasked to set up communications using HF Winlink. By all accounts the exercise went well.

For the November meeting Karl, VE3RRP will show some of the buck / boost power supplies he has bought from the web. He may also have some other interesting goodies he has obtained over the last little while. The price point of the technology you can get from overseas is incredibly cheap and you can do a lot of experimenting for a very small cash flow. Randy, VA3OJ has suggested he may also have a bit of a show and tell for the members. Sounds like an interesting meeting. Hope that you can make the meeting this Thursday, November 10th at 7:30 PM.

We are always looking for speakers so if you're putting 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.



Hurricane Watch Net Honors Bermuda Radio Amateur

11/04/2016 via ARRL

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.

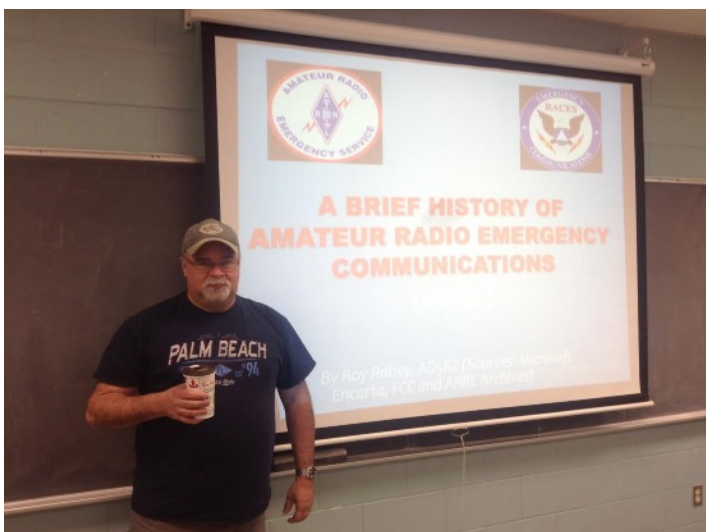
VP9HK joined the HWN in 1985, although, he said, he took a "sabbatical" last year. In 2003, his reports during Hurricane Fabian gave forecasters at the National Hurricane Center valuable ground-truth information and insight as to what the storm was doing in Bermuda, Graves said, earning Siese the Message 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

Latest Edition of the ITU Radio Regulations is Available Online

11/02/2016 via ARRL

What the International Telecommunication Union (ITU) calls "The global treaty behind your mobile communications" — the ITU Radio Regulations (2016 edition) — is now available online and at no cost via the ITU website. <https://www.itu.int/pub/R-REG-RR-2016> Published in ITU's six official languages, the new edition of the Radio Regulations is also available for purchase in hard-copy format and as a multilingual DVD. Thanks to ITU (media release)



Brad VE3XMJ presenting a history of ARES



Lakehead Amateur Radio Club

October 2016 Treasurers Report

Balance October 1, 2016 **\$1,209.06**

Income

Memberships, October 14 \$90.00
Total Income **\$90.00**

Expenses

Web Domain, October 25 \$33.88
Total Expenses **\$33.88**

Balance October 31, 2016 **\$1,265.18**

<u>Trailer Account</u>	
Previous Balance	\$138.44
<u>Income</u>	
October 31, Interest	\$0.01
Total	\$138.45
<u>Expenses</u>	
Total Expenses:	\$0.00
Balance in Trailer Account	<u>\$138.45</u>

Term Account

October 01 2016 Balance \$2,054.61
 October 20, Interest \$0.68
 October 31, 2016 Balance **\$2,055.29**

Bill Unger VE3XT
Treasurer


On October 23, 2016 Randy, VA3OJ and Cory, VE3ZCV audited the financial statements and found them to be in order.

From Jan:

<http://www.thehindu.com/sci-tech/technology/google-glass-may-teach-you-morse-code-within-hours/article9284937.ece>



November 2016

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9 CW ops Mini CWT Test	10 LARC Meeting at Con College	11 Remembrance Day 	12	13 10 - 10 Int. Fall Contest, Digital
14	15	16 Phone Fray	17	18	19 ARRL Sweepstakes SSB	20
21 Run for the Bacon QRP Contest	22	23 SKCC Sprint	24	25	26 CQ WW DX Contest, CW	27
28	29	30				

LAKEHEAD AMATEUR RADIO CLUB

MEMBERSHIP REQUEST FORM

1) Name _____ Call _____

2) Name _____ Call _____

Contact Information:

Number and Street _____

City _____

Province _____ Postal Code _____

Email _____ Phone _____

What type of membership would you like?

- Regular (\$35) Donation (_____)
 Family (\$45)
 Associate (\$20)

This area for use by Club Treasurer

Amount received \$ _____ cash cheque receipt _____

Are you a current member of RAC? Yes RAC Number _____

No

Would you like to volunteer for ARES (Amateur Radio Emergency Service)?

Yes

No

Would you like to volunteer for public service events?

Yes

No

Lakehead Amateur Radio Club
PMB 184
1100 Memorial Ave. Thunder Bay, ON
P7B 4A3