



## Amateurs in Argentina gain access to 60m and 630m

The Radio Club Argentino (RCA) has announced that their communications authorities have granted Amateurs access to the 630 metre and 60 metre bands. In addition, existing allocations at 160 metres, 80 metres and 30 metres have been extended.

These revised allocations follow the latest International Amateur Radio Union (IARU) Region 2 Band Plans approved at the 2016 General Assembly in Vina del Mar, Chile.

The new allocations are the result of successful efforts made by the RCA to receive access to allocations approved in ITU World Radiocommunication Conferences in 2007, 2012 and 2015. These new allocations will be effective in 90 days.

Allocations:

630m: 472 – 479 kHz (new)

60m: 5351.5 – 5366.5 kHz (new)

160m: 1800 – 2000 kHz

80m: 3500 – 4000 kHz

30m: 10100 – 10150 kHz

Radio Club Argentino is a member of International Amateur Radio Union in Region 2 which represents Amateur Radio in the Americas. Argentina Amateur Radio is very robust, with the fourth largest population of Amateurs in the Region (after the United States, Canada and Brazil). This new access represents a significant step forward in expanding the use of these new allocations.

Note: Preparatory Meetings for the World Radiocommunication Conference in 2019 are now underway in Geneva with Bryan Rawlings, VE3QN, RAC Special Advisor, in attendance representing RAC and IARU. For more information visit: <http://wp.rac.ca/wrc-preparatory-meetings-november2017/>

George Gorsline, VE3YV  
RAC International Affairs Officer

Members are invited to bring their  
**“Show and Tell”**

items to the meeting this month on December 14<sup>th</sup>  
Confederation College McIntyre Building RM214  
1930 hours.

## Amateur Radio Volunteers Active in Latest Round of California Wildfires via ARRL 12/11/2017

The massive and barely contained Thomas Fire in Southern California has consumed more than 230,500 acres, and the emergency has caused residents in fire-threatened areas to evacuate. Amateur Radio volunteers remain active supporting communication for American Red Cross shelters in Ventura County. More evacuations are likely, although the need for Amateur Radio assistance remains dynamic. Cal Fire said today (December 11) that evacuation operations will occur ahead of westward fire growth, speeded by low humidity and gusty Santa Ana winds, which will push the fire further into Santa Barbara, County. One of several fires that have broken out across Southern California, the Thomas Fire is far and away the largest.

*The Lakehead Amateur Radio Club wishes all our members, family and friends a safe and joyous Holiday Season and best wishes for a happy New Year.*



**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: Bob Hansen VE3RVA  
 Treasurer: Bill Unger VE3XT  
 Board Member: Mike Skillen VE3EDX  
 Board Member: Mark Vaillant VA3MVR  
 Board Member: Brad Harris VE3MXJ

**LARC Emergency Coordinator**  
 Brad Harris VE3MXJ 767-0628

**ARES District Emergency Coordinator**  
 vacant

**CANWARN**  
 VA3JMS John 767-3631  
 VE3RRP Karl

**Public Service Events**  
 VA3TBA Chris Chadwick

**Accredited Examiners**  
 VE3FAL Fred Lesnick 577-0789  
 flesnick@tbaytel.net  
 VE3VAI Lori Bedford 622 – 6386  
 ve3vai@tbaytel.net

**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 214 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**

Last Monday of every Month - ARES net on VE3YQT - 7 pm (you do not have to be an ARES member to check in)

Cook County ARES Response Team ( CARRT) net at 0100Z (8 pm) on the BWARC repeater, Grand Portage repeater - 146.655 with CTCSS

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

Best wishes to everyone  
 from  
 your editor  
 Ed  
 VE3SNW

**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)

Report from India: Ham Radio Aids Rescue of  
Two Fishermen via ARRL  
12/07/2017

RAC Canada Winter Contest: December 30,  
2017 RAC Canada 150 Award: Final Event  
2017-12-11 By Alan Griffin

According to a December 6 report in the Deccan Chronicle newspaper in India, members of the Ham Radio and Emergency Communication Society in Idukki assisted in the rescue of two fishermen, identified only as Maniyan and Anil from Veli. They had been stranded in the Indian Ocean for 2 days as a result of Cyclone Ockhi, when a small boat with a VHF radio, in touch with the group's wide-range Calvary Mount repeater (VU2HEN), sailed into the area.

"We relayed the latitude and longitude to rescue vessels, which reached out to the duo," said T. R. Manoj, VU2DTH, the Society's secretary. The Quilon Amateur Radio League (VU2QAR) was said to already be active in helping in communication. Manoj said the hams also were able to communicate with a few lost boats that had managed to find safe harbor during the high seas generated by the cyclone.

Cyclone Ockhi, which struck in early December, was reported to have been the strongest storm of the 2017 North Indian Ocean cyclone season.

In December each year, Radio Amateurs of Canada (RAC) sponsors the RAC Canada Winter Contest. Amateurs all over the world are invited to participate.

This year, the RAC Canada Winter Contest certificates will feature the Canada 150 logo in recognition of Canada's 150th Birthday. In addition, this will be the final event for the RAC Canada 150 Award program.

Contest Period: 0000 UTC to 2359 UTC December 30, 2017.

Next year the contest will be held on December 29, 2018.

Download the complete rules here:  
<http://wp.rac.ca/wp-content/uploads/2017/10/RAC-Winter-Contest-Rules-2017.pdf>

### AO-91 Commissioned, Declared Open for Amateur Use

2017-11-24 By Alan Griffin

The following news item is courtesy of AMSAT:

At 06:50 UTC on November 23, 2017, AMSAT Engineering officially commissioned AO-91 (RadFxSat/Fox-1B).

AMSAT Vice-President Engineering Jerry Buxton, N0JY, turned over operation to AMSAT Operations in a QSO on the AO-91 transponder with Mark Hammond, N8MH, of the AMSAT Operations team during the pass over the Eastern United States.

N8MH responded and declared AO-91 open for Amateur use!

AO-91 was built as a partnership with Vanderbilt University ISDE and hosts four payloads for the study of radiation effects on commercial off the shelf components.

The satellite was launched on November 18, 2017 as part of the ELaNa XIV mission, secondary payloads aboard the Delta II rocket that carried the Joint Polar Satellite System (JPSS-1) satellite to orbit.

AO-91 also features the Fox-1 style FM U/v repeater with an uplink on 435.250 MHz (67.0 Hz CTCSS) and a downlink on 145.960 MHz. Satellite and experiment telemetry are downlinked via the "DUV" subaudible telemetry stream and can be decoded with the FoxTelem software.

For more information visit:

AMSAT: <https://www.amsat.org/ao-91-commissioned-declared-open-for-amateur-use/>



**Minutes  
for the  
Lakehead Amateur Radio Club**

**Date: November 9, 2017**

**President, Randy Gottfred VA3OJ Presiding.**

**Guest Speaker:**

Bill Unger VE3XT and Mike Skillen VE3EDX will WSPR

**Treasurer's Report: Bill Unger VE3XT**

Bill Unger VE3XT moved to accept the report as printed in Hi-Q. Seconded by Pat Pugh VA3PP. Passed Unanimously.

**Minutes of Previous Meeting:**

Karl Hamilton VE3RRP moved to accept the previous meeting's minutes as printed in Hi-Q. Seconded by Chris Chadwick VA3TBA. Passed.

**Old Business:**

**Public Service (Chris Chandwick VA3TBA public events coordinator)**

**Past Events:**

**Upcoming Events**

Santa Shuffle December Bob Hansen VE3RVA

Sleeping Giant Loppet, Saturday March 3, 2018

10 Mile Road Race, May 2018

Randy Gottfred VA3OJ mentioned the Grand Marais Mail Run (Dog Race) January 6th, and the Bear Grease Dog Race January 28-31 south of the border.

**CANWARN John Sacek VA3JMS**

No news

**ARES Brad Harris VE3MXJ Thunder Bay EC**

Monthly Net is on the last Monday of the month on VE3YQT at 7 PM ET.

**Repeater News**

**Randy Gottfred VA3OJ,**

**Terry Stewardson VA3LU**

Repeaters running normally.

**Club Trailer:**

**Bob Hansen VE3RVA**

Clow Darling is our new sponsor. The trailer is put away for the winter ‘

**New Business**

**Website:**

Treasurer was authorized by the membership to pay for 3 years hosting for the LARC website.

RAC Bulletin Highlights by VE3RRP

Bill Unger VE3XT officially declared antenna season “open” with official horn.

**50/50 Draw:** Norm Bell VE3XRC

**Adjournment** moved by: Bill Unger VE3XT

**Next Executive Meeting: December 7, 2017, 7:30 PM, RM 213**

**Next LARC Meeting: December 14, 2017, 7:30 PM, RM 214**

*a big thank you to*



<https://clowdarling.com/>

*Links from Jan VA3JRS*

<https://phys.org/news/2017-11-solar-minimum-surprisingly-constant.html>

<http://www.newsweek.com/sun-getting-brighter-nasa-solar-minimum-708213>

<http://www.nwemail.co.uk/Hidden-world-of-radio-which-gives-us-TV-wi-fi-and-mobile-phone-reception-c4776b14-75da-4468-9690-06e0127d3e86-ds>

# Lakehead Amateur Radio Club

## November 2017 Treasurers Report

Balance November 1, 2017 \$1,114.27

**Income**

November 2, Membership	\$35.00
November 2, Donation from Clow Darling for Trailer	\$300.00
November 9 Memberships	\$125.00
November 9, November Meeting 50/50	\$5.00
<b>Total Income</b>	<b><u>\$465.00</u></b>

**Expenses**

November 2, Confederation College room rental, Chq 185	\$84.75
November 9, transfer donation to trailer account	\$300.00
November 20, RAC Club affiliation, Chq 186	\$31.58
November 20, Payment to Leo, VE3ATC for LARC web page	\$112.37
Note: This was to reimburse Leo for paying the rental fee	
<b>Total Expenses</b>	<b><u>\$528.70</u></b>

Balance November 30, 2017 \$1,050.57

<u>Trailer Account</u>	
<b>Previous Balance</b>	<b>\$138.83</b>
<b><u>Income</u></b>	
Donation transfer from chequing	\$300.00
Interest	\$0.01
Total	<b><u>\$438.84</u></b>
<b><u>Expenses</u></b>	
Total Expenses:	<b>\$0.00</b>
<b>Balance in Trailer Account</b>	<b><u>\$438.84</u></b>

**Term Account**

November 01 Balance	\$2,059.15
October Interest	\$0.25

November 30, Balance \$2,059.40

**Note: The financial statements for the past year were audited  
at the October Executive meeting and were in order**

**Bill Unger CG3XT  
Treasurer**





# December 2017



Mon	Tue	Wed	Thu	Fri	Sat	Sun
More Events: January 1 AGB New Year Snowball Contest January 3 Phone Fray January 5 NCCC Sprint				1	2	3
4	5	6	7	8	9	10
11	12	13 CW Ops Mini CWT	14	15 Russian 160 Metre RTTY Contest	16 ARRL Rookie Round Up, CW	17
18 Run for the Bacon QRP Contest	19	20 Phone Fray	21	22	23	24
25 Christmas Turkey Eating Contest, Family only	26 <small>Boxing Day</small>	27	28	29	30 RAC WINTER CONTEST	31 Have a safe and happy New Year's Eve!