

Message from the London Amateur Radio Club



Promoting Amateur Radio in London
And surrounding area since 1920

April 1, 2013

L.A.R.C. Executive

President

David Lambert, VE3KGK

Vice-President, Membership

John Visser, VA3MSV

Past President

Doug Elliott, VA3DAE

Treasurer

Brian Bouckley, VA3ATB

Secretary, Flea Market

Ruth Dahl, VE3RBO

Director, Flea Market

Ann Rundle, VA3EOR

Director, Repeaters

Mike Watts, VE3ACW

Director, Field Day

Pat Ross, VE3CNX

Non-Voting

Director, ARES & CANWARN

Brett Gilbank, VE3ZBG

Appointments

Repeater Coordinator

Brad Seward, VE3NRJ

Repeater

Operator/Programmer

Vacant

Field Day Coordinator

Pat Ross, VE3CNX

Webmaster

Doug Elliott, VA3DAE
Doug Tompkins, VE3IDT

Newsletter Editor

John Visser, VA3MSV

Auditor

Rob Hockin, VA3HO

March L.A.R.C. Meeting

The next meeting will be on Thursday, April 11th and will feature a presentation by **Kevin Stumpf**, son of SK Hubert Stumpf, VE3BIQ/VE3IZF. He will be presenting us his presentation called "A grass-roots history of the early hi-tech community in KW."

A New Crop Of Fruit Flavored Mini Computers On

March 29, 2013

And finally this week, as most hams know the big thing these days in tiny computers is the Raspberry Pie, spelled Pi. This is a computer on a credit-card sized circuit board that's finding a variety of ham radio applications. So as we approached the first of April, our roving reporter, Pierre Pullinmyleg, set out with his trusty 20 meter SSB HT and 33 foot rubber-duckie antenna to unravel the mysteries of the device and to find out if this 'p indeed are square:'

When we first tried the Raspberry Pi, we found it to be very crunchy even though we were expecting a more mousse-like consistency. Then we learned it was a computer and had to spit it out, bit by bit.

Some investigative reporting led us to a secretive group working on new devices similar to the Raspberry Pi.

Calling themselves the "Pi R Round Consortium," members of this group are designing several specialized devices, such as the Pecan Pi, which will control automated nutcrackers. Also in zee works is Cherry Pi, designed for use in lie detectors, and Apple Pi, which will be very expensive and do very little, but is still expected to be highly successful.

Finally, an offshoot of the group in Italy is sticking with the traditional "Pi R Square" formula and has designed a Sicilian Pi, which will make you an offer you cannot refuse.

All of these new devices will be introduced to the amateur radio community at this year's Dayton Hamvention. Hams there are expected to gobble them up as tasty alternatives to Hara arena hot dogs.

Pierre says that if you found that story a bit hard to swallow, he recommends a little whipped cream and a broad smile. He adds that more about this may or may not be found on-line at tinyurl.com/well-maybe. (Pierre Pullinmyleg April 1st News Service)

Next Meeting is Where and When?

Reminder: The next monthly L.A.R.C. meeting on April 11, 2013 at 7:30 pm

All meetings are normally located at St. Judes Anglican Church, 1537 Adelaide Street North at Fanshawe Park Road East in London, Ontario.

The meetings are **normally** held on the second Thursday of the month at 7:30 pm EST during the months of September to June.

Next Meeting will be May 9, 2013. This meeting will feature a presentation by Eric Meth, VE3EI about Remote Controlled HF Stations with possible demo.

Area Repeaters

LARC Repeaters

London

VA3LON 147.060 + 114.8Hz

VE3MGI 145.390 - 114.8Hz

SHORT Repeaters

London

VE3TTT 147.180 + 114.8Hz
Echolink Node 10741

VE3SUE 444.400 + 114.8 Hz
IRLP Node 2400

VE3TTT 442.200 + D-Star

Ipperwash

VE3TCB 146.940 - 114.8 Hz
Linked to VE3SUE

Grand Bend

VE3SRT 442.050 + 114.8 Hz
Linked to VE3SUE

Other Area Repeaters

London

VA3SIX 53.470 - 114.8 Hz

VE3OME 145.450 - 114.8 Hz
CANWARN

VA3FEZ 444.100 + 114.8 Hz

Grand Bend

VE3RGB 146.760 + 173.8 Hz

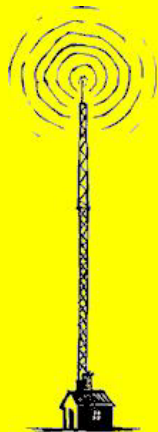
Stratfordville

VE3DPL 146.655 - 131.8 Hz

St. Thomas

VE3STR 147.330 + 114.8 Hz
Echolink Node: 72886

VE3STR 443.825 + 114.8 Hz
IRLP Node: 2482



If you have a repeater that should be listed here, please forward the information to John Visser, VA3MSV at va3msv@hotmail.com and I'll add it to the list.

Membership Certificates

The Club has created membership certificates for its current members. You can see your own certificate at the following link. <http://www.larc.ca/member-list.htm>

Simply click on your surname and it will bring up a PDF of your certificate suitable for printing.

Flaunt Your Face – Show Your Shack

In our hobby it's not always easy to put a face to all the fellow hams you talk to on the air. To help us all figure who's who, LARC invites its members to submit digital photos of yourself and/or your shack to be published on the membership page of our website. Purely voluntary of course, and if you prefer you can submit just one (depending on whether you think your face or your shack is more presentable).

How will it work? On the membership page, we'll attach your own picture where your first name appears, and the picture of your shack to your callsign. See the entry for Doug Elliott, VA3DAE for an example.

How do you submit your pictures?

Just email them to the LARC site webmaster address, which is: webmaster@larc.ca

Mutual Aid

Would you be willing to answer some questions if a fellow ham needed some advice? Got a problem you can't figure out? Want to try something new but need someone to show you the ropes? Check out our new **Mutual AID page** (<http://www.larc.ca/mutual-aid.html>), a new way to get people who are looking for assistance together with the folks who can help supply the answers. **Let us know** what you think of this new facility.

Membership Report

Currently the membership for the London Amateur Radio Club stand at 92. Of the 16 Honorary Members brought in from the L.S.R.C., 4 have paid for the current 2013/2014 year. For the 2013/2014 year, we so far have 18 new members.

I would like to welcome the following new members.

Gary Burton, VE3JEA

Don Cameron, VA3AKT

Geoffrey Clark, SWL

Tim Clark, VE3WGH

Corbin Lippert, VE3NIS

Rob Luzius-Vanin, VA3LTZ

Maryann Mosley, VA3FMV

Todd Mosley, VE3FMV

Sarah Nethercoot, VA3AKV

Mac Goodyear, VA3MGA

Jason Pollock, VA3QIX

Jim Rivers, VA3DVT

Joshua Sandor, VA3EFT

Don Stefanik, VA3KBC

Zachary Seguin, VA3ZTS

Darrell Smiley, VE3DLY

Alan Zhang, VA3ZHN

Gary Wabersich, VE3XDM

Nets



Daily

ONTARS Net

3.755 MHz 7:00 am – 6:00 pm

Trans Provincial Net

7.055 MHz 7:00 am – 5:00 pm

London Senior's Net

146.400 MHz 7:00 pm – 7:30 pm

Sunday

ARES Ontario Net

7.153 MHz 1:00 pm

7.055 MHz 3:00 pm

3.742 MHz 7:15 pm

IRLP Reflector 9005 8:00 pm

Monday

LARC 2m Net

147.060 + VA3LON 8:00 pm

SATERN Net

147.180 + VE3TTT 9:00 pm

444.400 + VE3SUE 9:00 pm

Tuesday

ELMER Net

147.060 + VA3LON 9:00 pm

Wednesday

ARES Net

145.450 + VE3OME 7:30 pm

ARES Ontario Net

IRLP Reflector 9005 8:00 pm

Thursday

PROCOMM Net

147.180 + VE3TTT 8:00 pm

444.400 + VE3SUE 8:00 pm

Friday

Tech Net

147.180 + VE3TTT 8:00 pm

444.400 + VE3SUE 8:00 pm

Saturday

VE3TTT 2m Net

147.180 + VE3TTT 7:30 pm

444.400 + VE3SUE 7:30 pm

146.940 - VE3TCB 7:30 pm

442.050 + VE3SRT 7:30 pm

2013/2014 L.A.R.C. Executive Elections

It is that time of year again for us to think about the lineup for the club's executive members for 2013-2014.

Every May we decide who will be responsible for the handling of the money, physical resources, and determining the future direction of the club.

The club's executive requires at least 7 members each year and if you are interested, we request that you make yourself available one night per month to go over club business.

Some of us have been on the executive for several years and enjoy the experience.

We have some simple rules

1. Any current member of the club can request to be a member of the club's executive and added to the ballot.
2. Only members in good standing can vote (must be a paid member)
3. We must have a quorum (at least 25 members in good standing) in order to hold a valid election.

Some of the activities that require planning, coordination or at least some monthly discussions: Monthly meeting topics, fund raising, flea market, field day, repeaters & other equipment, extra activities.

We currently meet the 4th Thursday of the month from 7:30 pm to about 9:00 pm. All club members are invited to attend any executive meeting. If you have some interest but are unsure, and want to come and see what we do, just check with one of the executive as to where we are meeting.

The next page is a snip from the club's by-laws that specifically deal with the election process.

Upcoming Events

Sat., Apr. 20, 2013

[Durham Region Amateur Radio Hamfest](#) – South Pickering ARC & North Shore ARC

Pickering Recreation Complex, 1867 Valley Farm Road, Pickering, Ontario

Sun., Jun. 2, 2013

[Central Ontario Hamfest & Fleamarket](#) - Guelph ARC & Kitchener-Waterloo ARC

Waterloo Regional Police Association Recreation Centre, R.R. 2, 1128 Rife Rd. North Dumfries Township. Beside Hwy 401, between exits 268 & 275

Sat., Jun. 22, 2013 to

Sun., Jun 23, 2013

[ARRL Field Day](#) – London Amateur Radio Club

Reservoir Park, London, Ontario. More details to follow later.

Sat., Jul. 13, 2013

[Ontario Hamfest](#) – Burlington Amateur Radio Club

Milton Agricultural Fairgrounds, Milton, Ontario

Sat., Oct. 5, 2013

[HARC Hamfest 2013](#) -

Hamilton Amateur Radio Club

Concession Building at the Ancaster Fair Grounds, 630 Trinity Road, Ancaster, ON

Every Saturday Morning

starting at 8:30 am.

Breakfast at the Cottage Restaurant. Located across the street from the London Police Station on Dundas St.

If you have an upcoming event that you would like to have listed here, please forward the information to John Visser, VA3MSV at va3msv@hotmail.com and I'll add it to the list.

2013/2014 L.A.R.C. Executive Elections

*from the LONDON AMATEUR RADIO CLUB
INCORPORATED - BY-LAW #1*

3. Board of Directors

3.1 The day-to-day affairs of the Corporation shall be arranged by a Board of Directors composed of 7 selected Directors, 1 non-voting Director appointed by the Amateur Radio Emergency Service (A.R.E.S.) and the Past President of the Corporation.

3.3 To be eligible to stand for election to the Board of Directors one must be a member in good standing for at least 30 days prior to the Annual Meeting at which members of the Board of Directors will be elected.

This year's Annual Meeting will be held May 10, 2011

3.4 A Nominating Committee shall be struck by the President at least 90 days prior to the Annual Meeting and it shall begin its activities immediately upon being appointed.

3.4.1 The Committee shall be composed of three members in good standing. The Past President shall be the Chairperson of the Committee.

3.5 The recommendations of the Nominating Committee shall be presented to the Board of Directors. The Board shall cause such report to be published in the L.A.R.C. Newsletter, which will be sent to all members in good standing as notice of the Annual Meeting. Such report shall also outline the procedure pertaining to additional nominations.

3.6 Additional nominations may be received by the Secretary up to 12 hours prior to the Annual Meeting if submitted by a member in good standing supported by the written agreement of 4 other members and the written acceptance of the nominee.

3.7 The election of the Board of Directors shall take place at the Annual Meeting of LARC. The Directors shall be elected by a simple majority vote of the members. The Directors shall take office on July 1 of that year.

Please contact the L.A.R.C. Secretary Ruth Dahl, VE3RBO, if you have any nominees or questions. You can reach me at ragann61@hotmail.com.

HF Corner for March 2013

by John Visser, VA3MSV

Editor Note: You can hear Dave make an HF contact on YouTube at the following link.
<http://www.youtube.com/watch?v=KQky1tug-MY>

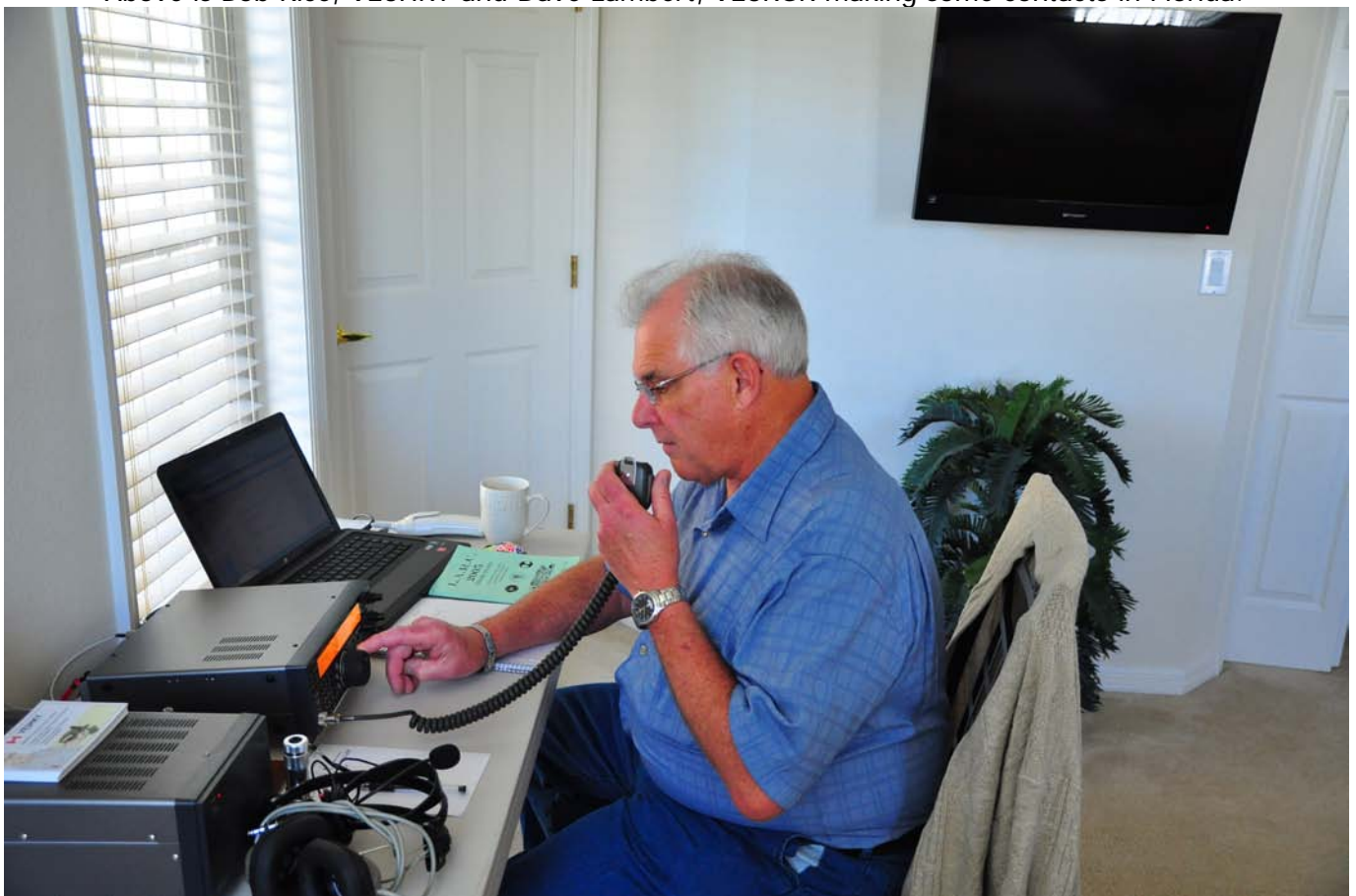
Dec 17 for 20 wks	7P8RI	Lesotho	all HF bands CW/SSB/Digital modes
Next 3-4 years	TJ3SN	Cameroon	HF bands plus 6 m various modes
until mid-April	ST2SF	Sudan	40m-10m
Feb 11 to Apr 03	6V7S	Senegal	
Mar 23 to Apr 04	T5TC	Somalia	HF bands
Mar 26 to Apr 03	P41P	Aruba	CQ WW WPX SSB Contest/17m/12m
Mar 26 to Apr 03	DF7ZS	Aruba	CQ World Wide WPX SSB Contest/17m/12m
Mar 30 to Apr 03	XW8XZ	Laos	SSB
Mar 30 to Apr 13	VK9CZ	Cocos Keeling	160 - 10m SSB/CW/some RTTY
Apr 01 to Apr 10	9V1	Singapore	As time permits
Apr 01 to Apr 13	E31DXX	S Cook Is	SSB/CW
Apr 03 to Apr 09	KP2	US Virgin Is	All bands
Apr 03 to Apr 11	V63XG	Micronesia	Mainly CW
Apr 04 to Apr 16	S79VJG	Seychelles	80 - 10m SSB
Apr 04 to Apr 18	T1C	Corsica	
Apr 04 to Apr 18	5E0M	Samoa	80 - 6m SSB/CW/RTTY
Apr 05 to Apr 16	N7QT/J6	Saint Lucia	80m - 10m CW/SSB/RTTY/PSK
Apr 06 to Apr 13	8P6HI	Barbados	VE3 op HF Holiday Style
Apr 06 to Apr 29	F5MNW/FR	Reunion Island	HF SSB/CW
Apr 07 to May 08	5H3MB	Tanzania	HF as work schedule permits
Apr 08 to Apr 20	SP9FIH/PJ4 & SP6AXW/PJ4	Bonaire	160m - 6m SSB/RTTY
Apr 10 to Apr 15	VK9LT	Lord Howe Is	
Apr 15 to Apr 20	V63	Micronesia	
Apr 20 to Apr 28	5H1DX	Tanzania	HF/Islands on the Air/some EME
Apr 22 to May 04	JD1BMH	Ogasawara	40 - 10m SSB/CW//RTTY
Apr 23 to Apr 30	8Q7KP	Maldiva Is	
Apr 25 to May 08	ZK3N	Tokelau	80 - 10m SSB/CW/RTTY
Apr 27 to May 04	TS8IT	Tunisia	SSB/CW/RTTY/PSK 31
Apr 28 to May 04	JD1BLY	Ogasawara	40 - 10m SSB/CW
Apr 28 to May 05	JD1	Ogasawara	All Bands All Modes
Apr 29 to May 05	V63	Micronesia	SSB CW RTTY J65
Apr 29 to May 06	TS8TI	Tunisia	HF bands + 6 m CW/SSB/RTTY/digital modes
May 02 to May 05	KH0	Marianas	All modes
May 03 to May 12	VK9NT	Norfolk Is	SSB/CW/RTTY
May 07 to May 11	C91GR	Mozambique	40 - 10 m CW
until March 2014	9X0ZM	Rwanda	80 - 6 m

Lastly, Bill Moore, NC1L, at the ARRL DXCC Desk reports that the 2013 9X0ZM operation from Rwanda has been approved for DXCC credit. Cards may now be submitted for this one.

(Above from various DX news sources)



Above is Bob Rice, VE3HKY and Dave Lambert, VE3KGK making some contacts in Florida.



PB33BQ To Celebrate The Change Of Royalty In The Netherlands

March 22, 2013

And in celebration of the Netherlands Queen Beatrix handing over the throne to her eldest son Prince Willem Alexander, Dutch ham radio operator Jaap Van Duin, PA7DA, will take to the airwaves using the special callsign PB33Q between April 20th and May 1st.

The PB33BQ callsign stands for Princess Beatrix 33 years Queen and commemorates the more than

three decades since she took over the throne of her mother Queen Juliana. That took place back on April 30th, 1980.

Keep an eye on pa7da.jouwweb.nl/pb33q for more information on this very special celebration. QSL PB33Q only via the bureau. (*Various DX News Sources*)

WIA National Field Day Weekend April 13 – 14

March 29, 2013

From down-under, word that registrations are just starting to be received for the 2013 Wireless Institute of Australia National Field Day takes place on the weekend of April 13th and 14th. This happens to fall adjacent to the IARU World Amateur Radio Day that falls on Friday, April 18th.

The Wireless Institute of Australia National Field Day is not a contest. Rather its aim is to introduce

amateur radio to the general public and hopefully to attract more people into the hobby. At the same time it presents an opportunity for VK hams to hone their emergency communications skills. Details on the 2013 Wireless Institute of Australia National Field Day can be found on line at tinyurl.com/WIA-NFD (*VK2JI*)

International Marconi Day

March 29, 2013

And a reminder that International Marconi Day will take place on April 20th. For more information and to see which stations are taking part in this event

please take your web browser to www.gb4imd.com. (*IARU*)

RAC Bulletin 2013-012E - RAC Section Managers Reaffirm Support of NTS

March 20, 2013

Section Managers representing all RAC Sections coast to coast concluded discussions recently regarding NTS (National Traffic System), and they confirmed ongoing support of NTS encouraging operators to continue to support NTS by passing traffic on a regular basis. NTS digital and Win link 2000 is the preferred system for ARES Units to remain interoperable and functional in a digital world and operators who have digital capability are encouraged to keep the system busy.

Doug Mercer VO1DTM/VO1DM CEC
Radio Amateurs of Canada - Chief Field Services
Officier

Vernon Ikeda - VE2MBS/VE2OQ
Pointe-Claire, Québec
RAC Blog Editor/RAC E-News/Web News Bulletin
Editor

RAC Bulletin 2013-011E - RAC Completes First Phase of Review of Amateur Radio Exam Questions.

March 18, 2013

In December of 2012 Industry Canada put out a Request For Proposals (RFP) to update the amateur radio question bank. RAC responded and subsequently entered into a contract with Industry Canada in January 2013 to update the amateur radio question bank. RAQI was engaged by RAC to collaborate on the French language component of the contract.

This is an update on our project milestones with respect to this project which is of keen interest to all amateurs. Radio Amateurs of Canada, on March 13, 2013, delivered to Industry Canada a comprehensive and detailed set of recommendations to improve and modernize the question banks used for examinations to qualify radio amateurs in Canada.

The curriculum will not be changed by the review. Prospective hams still need knowledge of the same topics. However, changes were proposed to make all questions correct, clear, understandable and relevant to amateur radio in Canada today.

This required great attention to detail. The review team examined more than 3000 questions and 12000 answers used for the Basic and Advanced examinations in English and French and aimed for perfection in every one.

Technical and linguistic accuracy were equally important in the review. Changes included correcting factual errors, replacing obsolete language and examples, making questions and answers more clear and addressing current amateur radio practices and regulations. The team accomplished most changes through editing of existing questions but also recommended that some obsolete questions be deleted and proposed new questions. Comments from radio amateurs in

response to the RAC bulletins on the question bank review aided the team in identifying where changes were needed.

The review also assessed the complexity of questions and recommended where questions in one exam might be more appropriate to the other. It recognized current trends in learning and assessment. Rote memorization is no longer important in a society where detailed information is at everyone's fingertips. Understanding principles and concepts and where to find information are more important today. Several questions were modified to recognize this approach. The overall objective is to remove unintended barriers to participation in amateur radio and provide the basis for fair examinations of required knowledge.

Industry Canada will review the proposed changes and respond to RAC in early April. The review team will consider this and develop further recommendations as required in the final phase of the review that will be completed in mid April. Industry Canada will decide on the final changes as a result of this process. Until that decision is made the existing examination material will remain in use.

Glenn MacDonell, Project Manager, Question Bank Update Project and Deputy Director Ontario North East, (ve3xra@rac.ca).

Geoff Bawden, VE4BAW
President, Radio Amateurs of Canada

Vernon Ikeda - VE2MBS/VE2QQ
Pointe-Claire, Québec
RAC Blog Editor/RAC E-News/Web News Bulletin Editor

Modern Amateur Radio From Canada

March 15, 2013

Modern Amateur Radio is the title of a new, bilingual video produced in Canada by Donald Boucher, VE2XT. Boucher put the show together in full wide screen High Definition and it includes some truly breathtaking aerial footage of the Canadian countryside.

VE2XT tells Newsline that he owns a video production company in Montreal and that he shot the video last year in his spare time. Posting of the video to YouTube was done by CQ Propagation Editor Thomas Hood, NW7US.

What makes Modern Amateur Radio unique is its international flavor. While the narration is in

English most of the natural sound background conversations are in French. But you do not have to understand the French language to truly enjoy

this Canadian look at our great hobby. You can see it for yourself at tinyurl.com/modern-amateur-radio (ARNewsline™)

Tell ABC You Want More Ham Radio On Last Man Standing Show

March 16, 2013

From the Last Man Standing's Mike Baxter, KA0XTT's Facebook page, We can show some support by going to the link below and posting comments to try and get more amateur radio tv time.

Please, for the hobby's sake, keep comments constructive and on target, this is the first foray into amateur radio that I can remember seeing on national television which is not a documentary or similar. Yes mistakes were made on the show, but, at least they are trying.

From the post:

Can Mandy be saved from a life of Radio Piracy? Will Mike Baxter ever get on the radio? Will Kyle figure out which Amazon PY8 is? Only you can help. Tell us you want more ham radio on the official "ABC LMS" site.

<http://www.facebook.com/LastManStandingABC?ref=ts>

73
Gary
K4GHL

HamRadioNow: Meet 5 Year Old Ham Ethan Kemp, KK4ORG

March 16, 2013



Meet 5 Year Old Ham Ethan Kemp KK4ORG (and his folks)

I did this interview wrong, and I wish I could do it over again. I talked (awkwardly) with Ethan for a few minutes. Then I talked to his parents, Mitzi and Kevin, for a while longer. I should have talked to all

three of them together. I'm pretty sure Ethan could have held up his end of the conversation.

Oh, it's a good show. It just might have been better. I think you'll enjoy meeting Ethan, and then learning how his folks nurtured his interest in Ham Radio as he studies for his Tech test. It seems they did a lot of things right.

Congratulations, Ethan! Welcome to Ham Radio!

Watch these episodes at our web site, www.HamRadioNow.tv

Two Global Simulated Emergency Tests In April

March 15, 2013

There will be two Global Simulated Emergency Tests taking place on the Saturdays either side of World Amateur Radio Day which is slated for Thursday April the 18th.

Greg Mossop, G0DUB, is the International Amateur Radio Union Region 1 Emergency Coordinator. He says the first Global Simulated Emergency Test will happen on Saturday April 13th will repeat the format of 2011 using 'local time' for each station. This will give a good chance of messages moving towards the regional Headquarters Stations to be delivered. The second Saturday, April the 20th, will see answers to those messages, starting from the

Headquarters Stations and being sent back to the countries that originated them.

According to Jim Linton, VK3PC, the Global Simulated Emergency Test also known as GlobalSET is an opportunity to increase the common interest in emergency communications, create practices for international emergency communications and the relaying of messages. Linton who is the Chairman of the IARU Region 3 Disaster Communications Committee says that GlobalSET is open to all three IARU regions and will be held on or near the emergency Center of Activity frequencies on the 80, 40, 20, 17 and 15

meter bands. VK3PC adds that the full rules concerning this emergency training operating event are available to those who register through their IARU Regional Coordinator.

Again those dates are April 13th and 20th for the twin edition of the 2013 Global Simulated Emergency Test. It will be followed June 25th to the 28th by the Global Amateur Radio Emergency Conference or GAREC 2013 in Zurich, Switzerland. (VK3PC)

USAF Approves AMSAT Request For Redistribution Of Keps

March 15, 2013

The Keps will keep on coming. So says AMSAT North America after a deal was reached between the Amateur Radio Space Agency and the Air Force Space Command that will permit AMSAT to continue to re-distribute Keplerian elements from the latter's SpaceTrack service.

Keplerian elements, sometimes called by the acronym Keps are the basis for all satellite tracking. According to AMSAT's Orbital Data Manager Ray Hoad, WA5QGD, the re-distribution agreement was approved on March 7 for the period April 1, 2013 to April 1, 2014. (ANS)

More On US Private Mission To Mars

March 15, 2013

And finally this week, a follow up to our story of a few weeks ago concerning a privately funded United States mission to the planet Mars. Now it's been revealed that it won't be to Mars, but rather a sightseeing round trip around the red planet.

According to news reports, a team led by millionaire and former space tourist Dennis Tito plans to send what it calls a tested couple to Mars and back in a privately funded mission. The Inspiration Mars Foundation plans to start its one-and-a-half-year mission in January 2018 providing that it can



raise funding for the mission.

The foundation has carried out a study which it says shows that it is feasible to achieve such a mission using existing technology. Among those involved in the project is Jane Poynter, who spent two years locked away in a sealed ecosystem with seven other people in 1991.

Mission planners wanted the crew to consist of an older couple whose relationship would be able to withstand the stress of living in a confined environment for two years.

More on this story is on-line at tinyurl.com/mars-round-trip. (Published news reports)

CQ Launches Online Photo Gallery

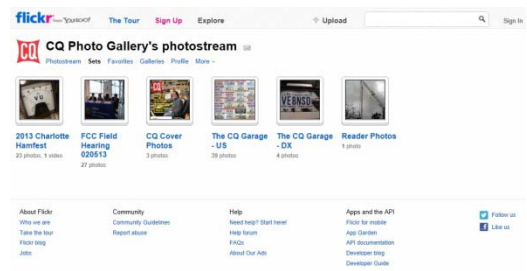
March 15, 2013

CQ magazine has announced the launch of the online CQ Photo Gallery to supplement photos published in the magazine.

According to Editor Rich Moseson, W2VU, the magazine shoots photos at many events. It also receives many photos from readers that it does not have space to put in the magazine. But the CQ still wants to share these with its readers and the new CQ Photo Gallery will allow it to do just that.

Moseson says that the new photo gallery is on the flickr.com web site and is organized into albums called sets. Initial sets include CQ cover images; the CQ Garage featuring ham radio license plates; news photos from the FCC's field hearing on

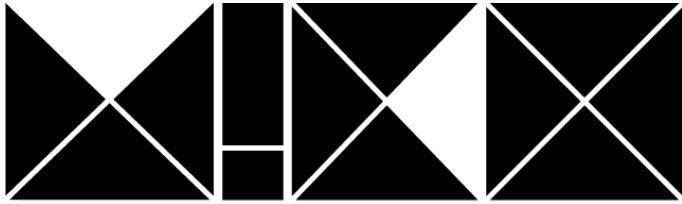
communications lessons learned from Superstorm Sandy, and reader-submitted photos. New pictures will be added regularly.



The CQ Photo Gallery may be accessed at www.flickr.com/photos/cqphotogallery/sets but you can also reach it using the shortcut tinyurl.com/cq-photos-online. (CQ)

New Headphones Scan Your Brain And Play The Music It Wants To Hear

March 29, 2013



music inspiration from your subconsciousness

A new scientific communications breakthrough of sorts is being reported by Discovery News. It says that the task of building a perfect play-list for your smart phone or other private listening device has just gotten a lot easier thanks to a new brainwave scanning device called the Mico headphones.

Mico (pronounced miko) headphones are a development of a company called Neurowear. The rather interesting looking headphones have what the company calls a electroencephalograph sensor that protrudes to scans the wearers brain patterns to match a person's mood with an appropriate song.



When plugged in to a smart device running Mico's app, its claimed that the headphones will detect the

wearer's state of mind and select a "neuro-tagged," mood-fitting song from Neurowear's database and play it. The sides of the ear pieces illuminate when music plays and even show symbols correlating to the wearers state of mind such as if the user is sleepy, stressed or highly focused.

Currently, the headphones are still in the prototype phase. They made their debut at the recent South by Southwest® Conferences and Festival in Austin, Texas, but the Mico Headphones inventor was optimistic they'll be on the market in what they term as the near future.

You can read more about this latest development in wearable consumer electronics at tinyurl.com/brain-scanning-headphones. The company's website is simply <http://neurowear.com>. And before you ask, no, these new earphones cannot locate that rare DX station you are hunting for on 20 meters. Well, at least not yet. (*Discovery News, Mashable.com*)

MEMBERSHIP INVITATION

-- Membership application and dues are currently requested.

Our term of membership runs from November 1 to October 31 of the following year. Each and every year it is increasingly more difficult to get Amateurs to commit to membership in their local club due to the alternate functions we are asked to fund.

The **London Amateur Radio Club** has a long history of providing technical support, social support and repeater facilities. Public service efforts are currently provided by a club affiliation with Amateur Radio Emergency Services (**ARES**) and **Radio Amateurs of Canada (RAC)**.

Your Directors work tirelessly to provide meeting topics that are informative and entertaining, events that are timely (Christmas meeting, field day, bus trip) and participate in events that display and promote Amateur Radio in the community.

To be effective in its pursuits, the Club needs the support of the local Amateur fraternity through membership.

While we obtain financial support from our Annual Flea Market, we require membership support to fund such things as meeting hall rent, repeater sites rent and maintenance, web site fees, membership cards and liability insurance. For what it's worth, none of these things are getting any cheaper.

The cost of membership has not changed for a number of years and even in the face of increased cost, we would like to keep it that way.

With more than 1000 'hams' in the London area, it's inconceivable that less than 10% support a pastime about which most of us are passionate.

PLEASE, make a choice and do your part to keep the **London Amateur Radio Club** alive and well by purchasing your membership at our next meeting (or by mail – details on our web site). The cost is still only \$25.00 (single) or \$30.00 (family residing at the same address).



Office Use Only	
<input type="checkbox"/> Paid	_____
<input type="checkbox"/> Cash	<input type="checkbox"/> Chq
Membership Card	
<input type="checkbox"/> Needed	<input type="checkbox"/> Rec'd
Sticker	
<input type="checkbox"/> Needed	<input type="checkbox"/> Rec'd

**LONDON AMATEUR RADIO CLUB INC.
MEMBERSHIP APPLICATION**

PLEASE PRINT

SINGLE MEMBERSHIP: \$25.00 RENEWAL
 FAMILY MEMBERSHIP: \$30.00 NEW MEMBER

Member # 1	Last Name	First Name	Call Sign
	_____	_____	_____
	RAC Member?	RAC Member #	ARES Volunteer? Email Address
	<input type="checkbox"/> No <input type="checkbox"/> Yes	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No _____

Member # 2	Last Name	First Name	Call Sign
	_____	_____	_____
	RAC Member?	RAC Member #	ARES Volunteer? Email Address
	<input type="checkbox"/> No <input type="checkbox"/> Yes	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No _____

Member # 3	Last Name	First Name	Call Sign
	_____	_____	_____
	RAC Member?	RAC Member #	ARES Volunteer? Email Address
	<input type="checkbox"/> No <input type="checkbox"/> Yes	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No _____

Member # 4	Last Name	First Name	Call Sign
	_____	_____	_____
	RAC Member?	RAC Member #	ARES Volunteer? Email Address
	<input type="checkbox"/> No <input type="checkbox"/> Yes	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No _____

Address: _____

Street/P.O. Box

_____	_____	_____
City/Town	Province	Postal Code

Phone Number

Date: _____

*All information requested should be completed - this will be used for the club's membership database only.
All LARC membership information is held in strict confidence.*

Please make cheque payable to: **London Amateur Radio Club Inc.**

Mailing Address: London Amateur Radio Club
c/o Membership Director, VA3MSV
P.O. Box 82, Station B
London, Ontario, N6A 4V3