

# Message from the London Amateur Radio Club

Promoting Amateur Radio in London  
And surrounding area since 1920



March 6, 2009

## Next Meeting Topic

The next L.A.R.C. meeting will be on Thurs, March 12, 2009 at 7:30 PM

The next LARC meeting will be about **"Secret Words" and why they are important to you** presented by Mike Cook, VE3ZMC. Mike says he will talk about computer security and passwords.

**NOTE: Due to lack of availability of the church on April 9, 2009 (our normal meeting night), the April meeting will be held on April 2, 2009.**

## Other Items of Interest

- ⇒ 2008/2009 L.A.R.C. Executive
- ⇒ Flaunt Your Face – Show Your Shack
- ⇒ Local Repeaters and Nets
- ⇒ Upcoming Events
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- ⇒ Emerging Technology: First DRM Receiver Coming To The USA
- ⇒ Emerging Technology: New Laptop Platform From INTEL
- ⇒ Field Day Station Locator Service Returning for 2009
- ⇒ Western New York Southern Ontario Repeater Council needs massive help
- ⇒ New IARU President and Vice President confirmed
- ⇒ Radio Amateurs of Canada has a new President
- ⇒ RAC new Vice President for Field Services
- ⇒ Rescue Radio: VE4DJ Named Manitoba Emergency Measures Organization Director
- ⇒ World Amateur Radio Day - Emergency Comms
- ⇒ Radio Record: The First 4 Meter EME Contact Claimed
- ⇒ NC Hams Win Exclusion From Mobile Cell Phone Ban
- ⇒ Iowa Proposes Banning All Mobile Wireless Communication Devices
- ⇒ Radio Law: Colorado Hams Win Exemption To Cellphone Law
- ⇒ The ARRL Changing Frequency On Top Band
- ⇒ Radio In Space: Two Communications Satellites Collide
- ⇒ Enforcement: Indianapolis Hams Bust Cops For Language On Unofficial Chat Channel
- ⇒ Police Detonate Ham Radio Equipment Mistaken for Bomb
- ⇒ Field Day 2009

## Next Meeting is Where and When?

**Reminder of the next monthly Club meeting on March 12, 2009 at 7:30pm**

All meetings are 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 (no meetings July and August).

Next Month's Meeting will be April 2, 2009. This meeting's topic is still to be confirmed.

## 2008/2009 L.A.R.C. Executive

<b>Title</b>	<b>Name, Callsign</b>
President	Doug Tompkins, VE3IDT
Vice-President	Pat Ross, VE3CNX
Treasurer	Dave Steels, VE3UZ
Past President	Gord Baker, VE3GB
Secretary	Ruth Dahl, VE3RBO
Director, Flea Market	Ann Rundle, VA3EOR
Director, Membership	Shirley McCall, VE3SMN
Director, Website	Doug Elliott, VA3DAE

### **Non-Voting**

Director, Emergency Services	Brett Gilbank, VE3ZBG
Director, CANWARN	Tom Stewart, VE3OEP

### **Appointments**

LARC Repeater Coordinator	Mark Bramwell, VE3PZR
Field Day Coordinator	Pat Ross, VE3CNX
Field Day Assistant Coordinator	Tony Drawmer, VE3SQU
Repeater Operator / Programmer	David Young, VE3EAY
Newsletter	John Visser, VA3MSV

## 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](mailto:webmaster@larc.ca)

## Local Repeaters

### LARC Repeaters

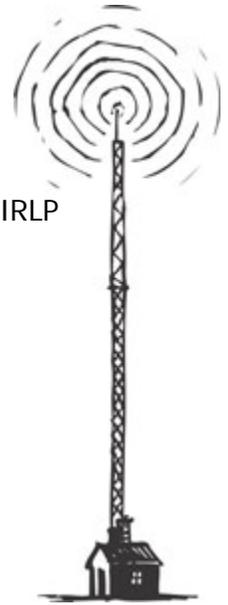
London	VA3LON	147.060	+ 114.8Hz
London	VE3MGI	145.390	- 114.8Hz

### SORT Repeaters

London	VE3TTT	147.180	+ 114.8Hz	ULR Link repeater "SORT" System
London	VE3SUE	444.400	+ 114.8 Hz	ULR link repeater "SORT" System, IRLP
Ipperwash	VE3TCB	146.940	- 123.0 Hz	Linked to VE3SUE
Grand Bend	VE3RGB	146.750	+ 123.0 Hz	
Grand Bend	VE3SRT	442.050	+ 123.0 Hz	Linked to VE3SUE
Goderich	VE3OBC	146.910	- 123.0 Hz	
Whitechurch	VE3WWD	443.075	+ 123.0 Hz	

### Other Area Repeaters

London	VA3SIX	53.470	- 114.8 Hz	
London	VE3OME	145.450	- 114.8 Hz	CANWARN
Stratfordville	VE3DPL	146.655	- 131.8 Hz	
St. Thomas	VE3STR	147.330	+ 114.8 Hz	Echolink Node: 72886
St. Thomas	VE3STR	443.825	+ 114.8 Hz	IRLP Node: 2482



## Nets

Swap Net	7.055 MHz LSB	Sunday 12:00 pm
A.R.E.S. Ontario Net	7.153 MHz	Sunday 1:00 pm
A.R.E.S. Ontario Net	7.055 MHz	Sunday 3:00 pm
A.R.E.S. Ontario Net	3.742 MHz	Sunday 7:15 pm
A.R.E.S. Ontario Net	IRLP Reflector 9005	Sunday 8:00 pm
LARC 2m Net	147.060 + VA3LON	Monday 8:00 pm
A.R.E.S. Net	145.450 + VE3OME	Wednesday 7:30 pm
A.R.E.S. Ontario Net	IRLP Reflector 9005	Wednesday 8:00 pm
PROCOMM Net	147.180 + VE3TTT	Thursday 8:00 pm
PROCOMM Net	444.400 + VE3SUE	Thursday 8:00 pm
Tech Net	147.180 + VE3TTT	Friday 8:00 pm
Tech Net	444.400 + VE3SUE	Friday 8:00 pm
VE3TTT 2m Net	147.180 + VE3TTT	Saturday 7:30 pm
VE3TTT 2m Net	444.400 + VE3SUE	Saturday 7:30 pm
VE3TTT 2m Net	146.940 - VE3TCB	Saturday 7:30 pm
VE3TTT 2m Net	442.300 + VE3TCB	Saturday 7:30 pm
VE3TTT 2m Net	447.050 - VE3SRT	Saturday 7:30 pm
VE3TTT 2m Net	447.075 - VE3BHR	Saturday 7:30 pm
Trans Provincial Net	7.055 MHz	Daily 7:00 am – 5:00 pm



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

## Upcoming Events

- Thu., Mar. 12, 2009 London Amateur Radio Club meeting – Topic will be **Secret Words** by Mike Cook, VE3ZMC
- Sat., Mar. 28, 2009 **Hamex 2009** - Peel and Mississauga ARC  
Brampton Fairgrounds - West side of Heartlake Rd., Brampton Ontario
- Thu., Apr 2, 2009 London Amateur Radio Club meeting
- Sat., Apr. 18, 2009 **Durham Region Hamfest (33rd Annual)** - North Shore ARC & South Pickering ARC  
Iroquois Park Recreation Center - Located on Victoria St. at the corner of Henry St., Whitby, Ontario
- Thu., May 14, 2009 London Amateur Radio Club meeting
- Sat., May 23, 2009 **CNIB HAMFEST 2009** - CNIB Amateur Radio Program  
CNIB Centre, 1929 Bayview Ave. Toronto - North of Eglinton Ave - south of Lawrence Ave.
- Sat., Jun. 6, 2009 **Central Ontario Hamfest & Fleamarket** - GARC & KWARC  
Centre Wellington Community Sportsplex, 550 Belsyde Ave. E., Fergus, Ontario
- Thu., Jun. 11, 2009 London Amateur Radio Club meeting
- Sat. Jun. 27, 2009 to Sun. Jun. 28, 2009 Field Day 2009. Location may still to be determined.
- Sat., Jul. 11, 2009 **ONTARIO HAMFEST 2009** - Burlington Amateur Radio Club  
Milton Agricultural Fairgrounds - South of Hwy 401; west of Halton Region Rd. 25 (locally known as Ontario St), Milton, Ontario
- Sat., Aug 15, 2009 **Hamfest 2009** - Brantford Amateur Radio Club  
From London: Take Hwy 403 East to Hwy 24 South. Go South on Hwy 24 to Hwy 53(traffic lights). Turn right (West) onto Hwy 53 to Burford. Watch for the "Hamfest" signs. The hamfest is held in the Burford Fairgrounds.
- Sat., Sep. 12, 2009 **Ottawa Amateur Radio Club 13th Annual Hamfest** - Ottawa Amateur Radio Club  
Carp Agricultural Fairgrounds, 3832 Carp Road, Ottawa (Carp), Ontario
- Sat., Sep. 12, 2009 **Barrie-Orillia Hamfest** - Barrie Amateur Radio Club & Orillia Amateur Radio Club  
Located at the Oro-Medonte Fairgrounds. North on Hwy 400 to Hwy 11. North on Hwy 11 to 7th line of Oro-Medonte. Go towards the Airport, and just past the Airport (follow the Hamfest Signs). Lat/Long - 44° 30' 12" N W 79° 33' 17"°
- Sun., Sep. 27, 2009 **L.A.R.C. 32nd Annual Fleamarket** – London Amateur Radio Club  
Located at the Western Fairgrounds Special Events Building.

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](mailto:va3msv@hotmail.com) and I'll add it to the list.

## 2009/2010 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 2009-2010.

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.
1. Only members in good standing can vote (must be a paid member)
2. 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 4<sup>th</sup> Thursday of the month from 7pm to about 9pm. 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.

## 2009/2010 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 (ARES) 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 14, 2009.***

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 LARC Newsletter, that 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 LARC Secretary, Ruth Dahl VE3RBO, if you have any nominees or questions. You can reach her at [ragann61@hotmail.com](mailto:ragann61@hotmail.com).

## **DX News: K5D Breaks 100,000 QSO Before Going QRT**

The Desecheo Island K5D team says that it broke the 100,000 contact mark before going QRT. This event took place at 04:14 UTC on February 23rd when K5D made contact on 40 meter C-W with Zdravko Kalaba - Kale, E77U, who is located in Bosnia Herzegovina. And in a satellite telephone interview with Wolf Harrant, OE1WHC, team co-leader Glenn Johnson, WOGJ, said that the propagation seemed to be with them all the way:

"The propagation has been very good except for the very high bands. We have worked quite a few stations on 6 meters but most of that has been meteor scatter."

"10 and 12 meters have been very sketchy. We've made few contacts on 10 and 12. 15 and the bands down below have really opened up and we've made some really good contacts."

"The fortunate thing is that with our antenna spacing we have been able to work two and sometimes even three modes on any given band, even with high power. So we have been able to take advantage to some really good band openings to our target areas."

The DXpedition made its first satellite contact on Friday, February 20th with Andrew Glassbrenner, KO4MA, in New Port Richey, Florida. That QSO was conducted at 20:14 UTC through the SO-50 ham radio bird.

As the operation began winding down the team modified the radio schedule to try to pick up those areas of the world that have been obscured by the huge pileups from the population centers of in North America, Japan and Europe. By the terms of the groups Special Use Permit the operators had to vacate the island no later than the February 26th.

The last night on the air saw three stations still in operation emphasizing 80, 40 and 30 meter operation. They departed Desecheo at sunrise on the 26th. QSL's go to N200.

The complete interview between Wolf Harrant, OE1WHC and Glenn Johnson, WOGJ, is now available on the "Documentary Archive Radio Communication" KP5 special Web page at [www.dokufunk.org/desecheo](http://www.dokufunk.org/desecheo) (Southgate, OE1WHC, PS8RF)

## **Restructuring: Getting Ready For The Expanded 40 Meters**

Ham radio operators world wide are preparing for the expansion of 40 meters. This, as the date approaches where shortwave broadcast operations must vacate the spectrum from 7 point 1 to 7 point 2 MHz. Jim Linton,

VK3PC, in Forrest Hill, Australia, says that hams down-under are prepared:

With four weeks to go before broadcast stations are due to have migrated from the band 7100-7200kHz as that band is restored to the Amateur Service, a scan watch has begun to identify stations still currently using that segment.

IARU Region 3 Monitoring Systems Coordinator, B.L. (Arasu) Manohar VU2UR has been scanning the segment.

He did this for four days recently to identify 58 broadcast transmissions, their frequencies, times and signal strengths. The broadcasters use 5kHz channel spacing.

The worthwhile yet painstaking task also notes the languages of the transmissions including Arabic, Burmese, Chinese, English, French, German, Indian, Japanese, Russian and Turkish.

Adding to the complexity of the task are jamming stations, heterodynes, low powered regional or domestic stations and many powerful broadcasters using relays to cover their audience target area.

Arasu VU2UR says similar scanning and monitoring work may be necessary in other parts of the world to get a fuller picture of broadcast activity and he's prepared to share the spreadsheet result of his work.

Mapping of broadcasters on the 40-metre band will be important should be IARU need to mount a case to fight any continued occupancy of the 7100-7200kHz after 29 March.

That is the departure date set by the World Radio Conference 2003 and coincides with the new broadcasting schedule for 2009.

## **Emerging Technology: First DRM Receiver Coming To The USA**

Media Network reports that a new Digital Radio Mondiale receiver designed in France may soon be coming to American shores. The Di-Wave receiver from UniWave Development SAS is expected to make its debut March 25th at the DRM General Assembly in Germany. This is an all band plus FM receiver that is Digital Radio Mondiale capable on the Shortwave, Medium Wave and Long Wave bands. It will also be expected to be the first consumer level Digital Radio Mondiale receiver authorized by the FCC for sale in the United States. (Media Network)

## Emerging Technology: New Laptop Platform From INTEL

Something long awaited in the world of laptop computers has finally arrived. This with word that Intel Corporation is set to launch new hardware for laptop computers.

The new products are a package of components including the main processor as well as all the secondary chips that add features such as the ability to connect to a wireless network.

Platforms such as this rarely grab focus outside of technical circles, but Intel is generating wider interest this time. This is because its new products are the first to use flash memory which it hopes will translate into faster performance and longer battery life.

According to market researchers the laptop and notebook computers are the fastest growing segment part of the personal computer business. Last year, worldwide shipments of desktop machines rose just over 2 percent, but sales of laptops jumped 26 percent.

Most in the mobile data storage field believe that it won't be long before high speed flash memory replaces mechanical hard drives in laptop and notebook computers. (Intel release)

## Field Day Station Locator Service Returning for 2009

**February 23, 2009**

First introduced in 2008, the ARRL's Field Day Station Locator Service was a popular addition to the Field Day toolbox. This service -- an interactive map that helps amateurs or those interested in Amateur Radio find a Field Day site near them -- is free to clubs or individuals who will be operating public Field Day stations. Stations can also be listed by state or province. If your group would like to be a part of the Station Locator Service, it's easy to get started -- just go to the Field Day Station Locator Web site and follow the instructions. ARRL Field Day is the most popular on-the-air operating event in Amateur Radio. On June 27-28, join tens of thousands of Amateur Radio operators as they gather for a public demonstration of our Service.

## Western New York Southern Ontario Repeater Council needs massive help

Hams! Want your local repeater to be subject to interference complaints?

WYNSORC has sent out 163 notices to repeater sponsors asking for updates about their repeaters. It cost over \$500 in registered mail and resulted in many returned letters. By the way, USA repeaters numbered 10. Updates are due every year.

The council's job is to assist repeater sponsors in finding frequencies and avoiding interference. At present, the 163 repeaters had not been updated in over 2 years and the council must conclude that they are no longer in operation. That means that the frequencies can be offered to others.

The council asks all hams to check with their local repeater sponsors so that they do not find their frequencies are used by others.

Many repeaters have outdated sponsor information so that the letters are returned. Those repeaters are in danger of being classed as off-air and the frequencies released for other users. The council does its very best to keep track of frequencies and to ensure that no interference occurs.

As volunteers, we cannot search for each repeater sponsor. This is a gentlemen's group and we need gentlemen/gentlewomen to help by sending updates.

Sponsors can find the update forms on the WYNSORC website: <http://www.wnysorc.org/>

Please, hams, we are counting on you.  
Peter Henry, VA3PWH  
Secretary-Treasurer, WYNSORC

## New IARU President and Vice President confirmed

**February 11 2009**

The IARU President and Vice President confirmed.

Following a worldwide balloting that ended on February 10th, the IARU International Secretariat announced today the ratifications of the nominations of Timothy S. Ellam, VE6SH/G4HUA, to serve as President of the IARU for a five-year term beginning on 9 May 2009 and of Ole Garpestad, LA2RR, to serve as Vice President of the IARU for a five-year term also beginning on 9 May 2009.

Mr Ellam, a long time Canadian Amateur residing in Calgary, Alberta, was until now Vice President of the IARU. He is well known in the Canadian Amateur administration circles as he has been active with RAC and its proceeding organizations for many years. He will

be replacing Dr Larry E. Price, W4RA, who has been IARU President since 1998 and has decided to retire at the end of his current term in May.

Mr Garpestad, a resident of Oslo, Norway is presently President of the IARU Region 1. He also has a long history of working for Amateur Radio at different levels over the years.

Our congratulations to Tim and Ole and we are looking forward to working with them.

We also want to thank Larry for many decades of hard work preserving Amateur privileges and working to get us some more.

Daniel A. Lamoureux, VE2KA  
Vice-President International Affairs  
Radio Amateurs of Canada

## **Radio Amateurs of Canada has a new President**

February 25, 2009

At the February 24th, 2009 Radio Amateurs of Canada Board teleconference meeting, President Dave Goodwin, VE3AAQ/VO1AU, announced that he was resigning his position effective immediately. Dave indicated that his decision was motivated by his inability to devote enough time to RAC affairs because of a recent increase in personal and professional responsibilities.

Dave became RAC President on Jan 1st, 2008 at the end of President Earle Smith's tenure. All attending the teleconference thanked Dave for the time he could devote to RAC's affairs both as a Director and then as President.

At the same teleconference meeting, the RAC Board elected Bob Cooke, VE3BDB, to be the RAC President until the end of the current term on Dec 31, 2009.

Bob has a long history of working with RAC. His involvement started in the early 1990s as an Assistant Director and he was elected and served as RAC Ontario South Director from November 2001 to January 2005. He was then elected by the RAC Board as Vice president for Field Services, serving from January 2006 to February 2009 when he resigned to accept the appointment as President.

Daniel A. Lamoureux, VE2KA  
Vice President for International Affairs  
Radio Amateurs of Canada

## **RAC new Vice President for Field Services**

February 26, 2009

The Radio Amateurs of Canada Board of Directors has appointed Sue Cooke, VE3SUH, as Vice President for Field Services. She will act as VPFS for the remainder of a two-year term which ends December 31, 2009, or until a permanent replacement is identified and appointed, whichever comes first. Former VPFS Bob Cooke, VE3BDB, resigned from that post to accept appointment as the RAC President. Both appointments were made at a Board meeting on February 24, 2009.

Sue brings to the VPFS position a wealth of experience in administration, having spent 30 years with the Ontario Government service. She has been a licenced Radio Amateur for nearly ten years and her operating qualifications include Morse Code. Sue's previous service with RAC embraces three years as an Assistant Director in Ontario South Region, two years as an Official Bulletin Station and a two-year term as RAC's Corporate Secretary. She is a RAC Certified Emergency Co-ordinator, having successfully completed the CEC exam.

Daniel A. Lamoureux, VE2KA  
Vice President for External Affairs  
Radio Amateurs of Canada

## **Rescue Radio: VE4DJ Named Manitoba Emergency Measures Organization Director**

Still with rescue radio news, word that Don Mackinnon, VE4DJ, has become the Director of Planning for the Manitoba Canada's Emergency Measures Organization. A lawyer and former police officer, Mackinnon had been the Radio Amateurs of Canada Manitoba Section Emergency Coordinator for some 12 years.

Besides his many other contributions to amateur radio, VE4DJ chaired the Radio Amateurs of Canada National Training Resource Group that was commissioned by the organization's Vice President for Field Services in August, 2006. (RAC)

## World Amateur Radio Day - Emergency Comms

On 18 April each year radio amateurs across the globe celebrate World Amateur Radio Day. This year the theme is ***Amateur Radio: Your Resource in Disaster and Emergency Communication***

From IARU News:

### ***Amateur Radio: Your Resource in Disaster and Emergency Communication***

Each year on 18 April, radio amateurs celebrate World Amateur Radio Day. On that day in 1925 the International Amateur Radio Union (IARU) was founded.

In 2009, the theme of the event is ***Amateur Radio: Your Resource in Disaster and Emergency Communication***.

It is not by coincidence that last year's meeting of the IARU Administrative Council chose this subject at this time. While the Amateur Radio Service has traditionally made its contributions to emergency and disaster response ever since its very beginnings almost 100 years ago, this role has gained a lot of importance just in the recent past. It has done so mainly for two reasons:

- The number and dimension of natural as well as man-made disasters is unfortunately on the increase, and
- The modern communication technologies are increasingly complex, infrastructure-dependent and therefore also increasingly vulnerable.

The Amateur Radio Services puts two equally valuable assets at its disposal for emergency and disaster prevention, preparedness and response:

- A large number of very flexible and mostly infrastructure-independent, local, national, regional and global networks, and
- A large number of skilled operators, who know how to communicate with often very limited means and to establish communications even under the most difficult circumstances.

The tools at their disposal range from the most robust means such as battery-operated stations operating in Morse code to links through amateur radio satellites and interconnectivity with the Internet, in voice, text, image and data modes. They range from local VHF networks of fixed, mobile and portable stations to shortwave networks that span the globe. All these networks are operated on a daily basis by men and women who are thoroughly familiar with their technology and their intricacies.

Telecommunications have become a commodity that society takes for granted, and the sudden loss of that service is often felt in a similar way to the loss of shelter,

food and medical support. When disasters occur in regions that do not have good coverage by public networks, or when existing communications infrastructures have just been disrupted or destroyed by such events, the Amateur Radio Service comes to the rescue. Amateur Radio operators provide communications for the rescuers and relief workers and their organizations and they help to provide communications for those affected by a disaster.

In fact, contributions to emergency and disaster relief are a major argument for the preservation and the extension of the privileges the Amateur Radio Service enjoys in international and national regulations. This is one of the reasons why more and more Amateur Radio operators, through their clubs and their national societies, prepare very seriously for their role in emergencies. However, their skills can be put to use only if they are known by other first responders. Effective response to emergencies can only occur with the work of volunteers in all the various fields; from search and rescue to medical assistance and those who can provide food and shelter.

Communication skills are a new, but equally vital commodity.

Activities on the occasion of World Amateur Radio Day 2009 can be a great opportunity to spread the word about what the "hams" are doing.

***Hans Zimmermann, F5VKP / HB9AQS***

IARU International Coordinator  
for Emergency Communications

## Radio Record: The First 4 Meter EME Contact Claimed

It could be a world record on the 4 meter band. This, as Andy Kissack, GD0TEP, on the Isle of Man reports on a Earth - Moon - Earth or EME contact which that he says could prove to be a first.

Andy says on his website that following tests carried out by himself and GD4GNH back in 2006, he finally found a suitable station to try for an EME contact on the 4 meter band. As a result, Andy and ZS6WAB in South Africa tried an EME sked on Friday evening, February 13th. Unfortunately, his mast mounted transmit and receive relay failed due to water ingress.

Their 2nd try was the morning of February 15th. Visibility of the Moon at Andy's location came at 00:38 UTC and at 01:34 he received his first moon echo. About a minute later, Andy and ZS6WAB completed what both operators believe to be the world's first 4 meter EME contact using the low noise JT65a digital mode. Screen shots of the QSO are on line at [www.gd0tep.com](http://www.gd0tep.com). (VHF Reflector)

## NC Hams Win Exclusion From Mobile Cell Phone Ban

North Carolina lawmakers are again considering a ban on cell phone use while driving, but Amateur Radio operators in the state would be specifically exempted, thanks to an amendment requested by Bob Conder K4RLC, the ARRL State Government Liaison officer.

The bill was debated on Tuesday by the state Senate Commerce Committee. State Senator William Purcell, a co-sponsor of the bill, told Conder that Amateur Radio was already exempt because it wasn't covered by the definition of "mobile phone". Conder asked for a specific exemption anyway, fearing that law enforcement officers on the street wouldn't make the distinction between a cell phone and ham radio. The amendment, which reads "This term does not include two-way mobile radio transmitters or receivers used by licensees of the Federal Communications Commission in the Amateur Radio Service" was accepted without discussion.

During committee debate, one Senator did ask if the bill would cover Nextel style "push-to-talk" - operation that is similar to Amateur Radio. After that concept was explained to some senators who didn't understand it, the bill's sponsor said it "probably would" be included in the ban.

Similar bills have been introduced in North Carolina over the past few years, and all have been defeated or died in committee. A similar fate is expected for this bill, but last year the state did enact a ban for drivers under 18.

## Iowa Proposes Banning All Mobile Wireless Communication Devices

Iowa could become the first state to completely ban all forms of wireless mobile in motion communications that is not operated hands free. A measure being brought before the Iowa legislature will prohibit the driver of a motor vehicle from operating or using a cellular telephone or any other wireless communication device without using a hands free adapter while operating a motor vehicle on a street or highway.

The only exceptions are for emergency situations when the use of a handheld phone or device is to call 911 or contact law enforcement authorities or an emergency response agency. Nor does the bill prohibit a driver from using such devices when the motor vehicle is at a complete stop off the roadway.

No exemptions are included for law enforcement, fire, rescue or any other certified first responders. As written, the measure appears to also ban commercial two-way radio, GMRS, amateur and even 11 meter CB.

The proposed legislation establishes a fine of \$30 as the penalty for a first offense.

The Iowa measure is designated as House File 9. Hams and other two way radio interests will need to act quickly to secure exemptions before the proposal becomes an Iowa state law. (ACOLM)

## Radio Law: Colorado Hams Win Exemption To Cellphone Law

Colorado amateur radio operators appear to have won a significant legislative victory before the Transportation and Energy Committee of the Colorado House of Representatives. This in relation to a bill concerning wireless telephone prohibitions on drivers that hams feared might impact on their ability to operate mobile.

### Details from Don Carlson, KQ6FM.

While the Colorado House Bill 09-1094 provided exemptions for public safety personnel within the scope of their duties and for the general public in an emergency, there was worry that enforcement authorities would fail to differentiate between amateur radio transceivers and traditional cellular telephones. Concerned about the possible ambiguity, Colorado Section Manager Jeff Ryan, KORM, alerted Colorado Section Public Information Coordinator Robert Wareham, N0ESQ, of the situation. Wareham reviewed the proposed bill and together with Section Manager Ryan, devised a plan to address the concerns.

Ryan had a reluctance to add any amendments for what she considered "special interests." After introduction the Bill was referred to the House Committee on Transportation and Energy. A quick check by Wareham revealed that his local representative and fellow attorney, Frank McNulty was a committee member.

McNulty agreed to introduce an amendment to clearly exempt amateur radio operators. House Bill 09-1094 came before the committee on February 3rd. Testimony in support of the bill was emotional and compelling. Among others there was a mother who had lost her 9-year-old daughter to an inattentive driver fishing for a ringing cell phone.

Wareham testified on behalf of the Colorado ARRL Section. He reminded the lawmakers of the important role amateur radio plays in response to disasters and in support of the National Weather Service. He distinguished the use of mobile and portable radios from that of cellular telephones and pointed out that using an amateur radio on a routine basis required far less human interaction. Holding up a Yaesu FT-60 dual band portable, he showed the lawmakers how an HT with a tone pad might be mistaken for a wireless telephone device by misinformed law enforcement officials.

Following almost two hours of testimony from numerous witnesses, Representative McNulty introduced his amendment which was seconded by the committee Chair. When the Chair asked if there were any objections to the amendment both Ryan and Wareham were surprised that not a single member of the committee, nor the Bill's author, offered any objection.

The measure was eventually approved by a vote of 9 to 2. It was then forwarded to the House Committee on Appropriations prior to being sent to the full House for a vote. Assuming the Bill passes through the appropriation screening, it will then be brought before the entire House or Representatives for a vote there. It must then be approved in the Colorado State Senate before being sent to the Governor for his signature.

If the Bill makes it to the governor's desk and he signs it into law, the new law has a proposed effective date of December 1st 2009. (NODRC)

## The ARRL Changing Frequency On Top Band

The ARRL is changing frequency on Top-Band. Starting Monday, March 9, the League's Maxim Memorial Station W1AW will be using a new 160 meter frequency of 1802.5 kHz for its CW transmissions. The change is being made to accommodate increasing activity near the current bulletin frequency of 1817.5. The move by W1AW to 1802.5 kHz should reduce the possibility of interference. (ARRL)

## Radio In Space: Two Communications Satellites Collide

Two communications satellites collided in the first-ever crash of two such spacecraft on-orbit. The collision involved a United States Iridium commercial satellite, which was launched in 1997, and a Russian satellite launched in 1993. The Russian satellite was believed to be nonfunctioning and out of control.

The Iridium craft weighed 1,235 pounds, and the Russian craft nearly a ton. Scientists have yet to determine how many fragments were generated or how large they might be. NASA said it will take weeks to determine the full magnitude of the crash which occurred nearly 500 miles over Siberia on Tuesday, February 10th. (NASA)

## Enforcement: Indianapolis Hams Bust Cops For Language On Unofficial Chat Channel

IPD busted by a local TV station after local hams reported them using 2m HAM radios for "personal and police" communications on 2m simplex. They were heard using "the 7 dirty" words and are apparently unlicensed. The radios shown in the report were installed by the Metro IPD motor pool appears to be Kenwood TM-271A's. I guess all the QRM on their 800 system from Nextel is so bad they have to QSY to 2m to communicate. The report claims IPD has been bootlegging "for years" on ham frequencies.

FCC has told the department to take care of this internally.

Here is a link to the online TV News story.

<http://www.theindychannel.com/video/18779383/index.html>

### Details from Jack Parker, W8ISH:

Dozens if not hundreds of Indianapolis Metro Police Officers have been busted for using Amateur Radios illegally to rag chew while on duty. According to a report aired on an Indianapolis TV station, complaints to the FCC from local hams lead to a shake down of all Metro Police vehicles. Amateur Radio operators reported hearing foul language and improper usage of Amateur Radio frequencies by Metro Police officers.

This prompted the department to do a three-day inspection of cruisers, ordering everyone with an unlicensed radio to remove them.

### Department PIO Lt. Jeff Duhamel had this to say:

"Apparently, there has been a problem with some language, which is a violation of the FCC regulations. The chief has decided that the officers should pull them out of their vehicles."

Amateur radio repeaters were ripe with reaction to the news of the police radio crackdown.

**First Ham:** "They were talking on blogs like they were using ham radios like they were on ham radio frequencies. Well that wasn't the case. Still they're transmitting and talking on frequencies they are not licensed to use. It doesn't matter if they were licensed twenty years ago they are not licensed now and they should not be using them period.

**Second Ham:** "They are not type accepted. So they have a type acceptance problem. So far that is the only thing I've seen that's inappropriate other than the report of language which is not appropriate on any frequency."

Local hams are expected to monitor the success of this crackdown and report further violations.

While some bloggers are advising Indianapolis hams to keep a low profile for a while others point out that the officers are the ones that are likely worried. Now they know that there are thousands of ears listening to their every word on what they thought was their unofficial chat channel. Ears with tape recorders ready to send more complaints to the FCC. (W8ISH)

#### **Comment from Richard D Oberle, KC9DJP**

Most law enforcement officers are oblivious to band plans and amateur radio. To support this statement I would ask those who have been pulled over to recall how the officer responded to the discovery of amateur radio equipment. Most officers would rather place hams under arrest and seize the equipment under the scanner law. Mainly because they do not understand the FCC exemption for hams. I would not be surprised if Indy has a ham wannabe as their radio tech who promised those officers a way of communicating outside of the failed cellular phone networks and then sold them the equipment. As far as the inappropriate speech, well cops or notorious for being foul mouthed when they talk to each other no differently than workers at a construction site or in a local bar. I write this with certainty because I have been an officer in the state of Indiana for 18 years. I think that the Indy radio tech should bare the responsibility for this one.

#### **Originally Posted by KS4VT**

*If you look closely at the video the radios are Kenwood commercial mobiles, and not the typical frequency agile ham radios...*

#### **Mark:**

What land mobile product number would that be? Here's the way I see it.

First, taken straight from the video:



Then, RigPix:

**Kenwood TM-271A**



I was a Kenwood dealer for many years. On their current site there are brochures and pictures of all land mobile products. I wasn't able to find any that looked like that.

Looks like a TM-271A to me. Hang 'em out to dry.

#### **Comment from another Ham:**

It doesn't matter WHY the Amateur equipment was installed, no matter how you rationalize the placement in Police vehicles. The FACT is that the USE was illegal. And for individuals that are sworn to uphold and enforce the law, it's an unconscionable activity. If unlicensed individual officers used the equipment (either on Amateur frequencies, or on PD frequencies if modified) it's STILL illegal; if the radios were modified and then also used of PD frequencies, it's an additional offense.

If Philadelphia had to "pay the price," there's no reason Indianapolis shouldn't have to do the same, as well as making some "heads roll" for even considering such use of Amateur equipment, modified or not.

#### **KB3SBC had this to say:**

#### **The law must apply to all**

As a cop for 21 years and a new ham I cannot believe that the FCC would allow the police department handle the problem internally. Fine the officers, seize the unlicensed gear... set an example. The audio tape played that showed the officers conduct on the radio should outrage the administration in that PD. Any internal discipline short of significant suspension or termination would be a joke.

## **Police Detonate Ham Radio Equipment Mistaken for Bomb**

Posted: Feb 26, 2009 12:38 PM EST

Updated: Feb 26, 2009 01:46 PM EST

OMAHA (KPTM) - Police evacuated a midtown neighborhood briefly Thursday morning for what was originally thought to be a bomb, but in the end, it turned out to be ham radio equipment.

The house, located near 48th and Mayberry, caught fire last week. A cleaning company found the equipment and called police, thinking it was a pipe bomb.

Police were called, and officers detonated the equipment. The neighborhood was evacuated during the investigation.

## Field Day 2009



### What is Field Day?

**Wikipedia** defines **Field Day** as an annual amateur radio exercise sponsored by various amateur radio IARU regions and member organizations, in order to encourage emergency communications preparedness. In the United States, it is typically the largest single emergency preparedness exercise in the country with over 30,000 ham radio operators participating each year.

Since the first ARRL Field Day in 1933, Amateur radio operators throughout the United States have practiced the rapid deployment of radio communications equipment in environments ranging from operations under tents in remote areas to operations inside Emergency Operations Centers (EOCs). Operations using emergency and alternative power sources are highly encouraged, since electricity and other public infrastructures are often among the first to fail during a natural disaster or severe weather.

To determine the effectiveness of the exercise and each participant's operations, there is an integrated contesting component and many clubs also engage in associated fun activities of camping out and having cookouts for the participants. Operations are typically for a continuous 24 hours requiring the scheduling of relief operators to keep the stations going through the night. Additional contest points are awarded for such things as experimenting with unusual modes, making contacts through space satellites and involving youth in the activity.

### Who can attend?

The event operates under the supervision of the local radio club (LARC). That means any person, even those without a valid radio license, are permitted to show up and operate any radio on any band. For those of you that have thought about working HF, here is your opportunity to get on the air.

### When is Field Day?

Field Day is **always the fourth full weekend of June**, beginning at 1800 UTC Saturday and ending at 2100 UTC Sunday. **Field Day 2009 will be held June 27-28, 2009.**



Here is Christian Hornick (age 11, at the time) operating under the watchful eye of Pat Ross, VE3CNX at last year's Field Day.

# LONDON AMATEUR RADIO CLUB

32nd ANNUAL  
2009 FLEA MARKET

SUNDAY, SEPT. 27th  
9.00 AM TO 1.00 PM

**VENDOR SETUP: 7:30 AM**

**\*BOOK EARLY AND SAVE ON ADMISSION\***

ADMISSION: \$6.00, (Age 10 and up)

TABLES: \$ 10.00



LOCATED AT THE  
WESTERN FAIR GROUNDS  
SPECIAL EVENTS BUILDING  
LONDON, ONTARIO



Talk in VA3LON. 147.060 PL 114.8

Free Parking ~ Air Conditioned  
Commercial Dealers ~ Snack Bar Facilities  
Wheelchair Accessible with Handicap Washrooms

Bring & Buy: Let LARC sell your item(s) at our club table.  
{2 items max} INFO: <http://www.larc.ca/larctable.html>

Inquiries: Email  
LARChamfest@gmail.com  
Note: All email answered within 72 hrs  
Phone: (519) 238-1542 (Ann)

Make Payments out to  
"London Amateur Radio Club Inc"  
(not to Ann Rundle) and mail to:

Ann Rundle VA3EOR  
36797 Crediton Rd RR2  
Dashwood, On N0M 1N0

## ATTENTION 2009 FLEA MARKET VENDOR

Book early, tables are booked on first come first served basis. Loading door available. We do not reserve unpaid tables. No separate hydro for tables BUT there will be a test table with power for seller demonstrations. Only two vendors passes allowed per vendor prior to doors opening on the day of the flea market. Vendor passes will not be sold without table sales. Table information and site Map will be sent to you in your vendor's conformation package.

**\*Book early (before Aug 1<sup>st</sup> ) and 1 vendor admission is reduced to \$ 4**

Name: \_\_\_\_\_ Admission(s) x \$ 6 (\$ 4) \_\_\_\_\_

Table(s): x \$ 10 \_\_\_\_\_

Callsign: \_\_\_\_\_ Total: = \_\_\_\_\_

Email address: \_\_\_\_\_

Mailing address: \_\_\_\_\_ City \_\_\_\_\_ PO code \_\_\_\_\_

Phone: \_\_\_\_\_

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Talk in VA3LON, 147.060 PL 114.8

N 42.9876 W 81.2213



# **MEMBERSHIP INVITATION**

-- Membership application and dues are currently requested.

Our term of membership runs from July 1 to June 30 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, its 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).

