

Message from the London Amateur Radio Club



Promoting Amateur Radio in London
And surrounding area since 1920

April 8, 2012

L.A.R.C. Executive

President

Doug Elliott, VA3DAE

Vice-President

David Lambert, VE3KGK

Past President

Doug Tompkins, VE3IDT

Treasurer

Brian Bouckley, VA3ATB

Secretary, Flea Market

Ruth Dahl, VE3RBO

Director, Flea Market

Ann Rundle, VA3EOR

Director, Membership

John Visser, VA3MSV

Director

Mike Watts, VE3ACW

Non-Voting

Director, ARES & CANWARN

Brett Gilbank, VE3ZBG

Appointments

LARC Repeater Coordinator

Brad Seward, VE3NRJ

Repeater

Operator/Programmer

David Young, VE3EAY

Field Day Coordinator

Dave Lambert, VE3KGK

Webmaster

Doug Elliott, VA3DAE

Newsletter Editor

John Visser, VA3MSV

Auditor

Rob Hockin, VA3HO

March's L.A.R.C. Meeting

The next LARC meeting will be **Thursday, April 12**. Due to presenters becoming unavailable, the topic for the meeting is still to be determined.

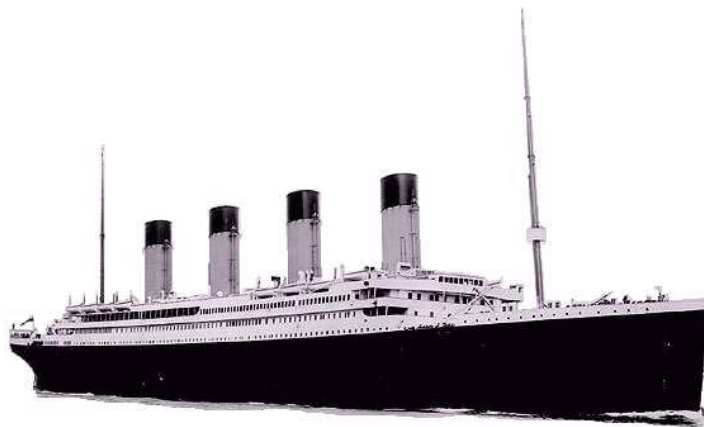
Special Event station VX9MRC

April 6, 2012

To commemorate the 100th anniversary of the Titanic disaster, the Marconi Radio Club of Newfoundland will be transmitting a special bulletin near 500 kHz, the distress frequency used by the radio officers of the Titanic to send their CQD call to Cape, Race Newfoundland. Please listen on 507.77 kHz CW for VX9MRC between 0001 and 0400 UTC on 15 April 2012. Please note this corresponds to Saturday night, 14 April, for listeners in the western hemisphere. For further information, please see the MRCN web page by searching for VO1MRC on the internet.

Charles Marsh, VO1VZ

NL Section manager - Radio Amateurs of Canada



Next Meeting is Where and When?

Reminder: The next monthly L.A.R.C. meeting on April 12, 2012 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 10, 2012. This meeting topic is still to be confirmed.

Area Repeaters

LARC Repeaters

London

VA3LON 147.060 + 114.8Hz

VE3MGI 145.390 - 114.8Hz

SORT 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

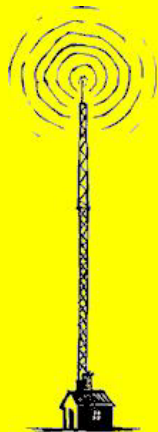
Stratfordville

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 is at 115 to the club. Of the 17 Honorary Members brought in from the L.S.R.C., 4 have paid for the current 2011/2012 year. For the 2011/2012 year, have now have 19 new members. Unfortunately 3 past members of the club became a Silent Key last year.

I would like to welcome the following new members.

Gary Stapleton, VA3YAT

Craig Dixon, VACDF

Perron Goodyear VE3PSG - Public Relations & Development Representative, Salvation Army

From the Middlesex-London Health Unit

Patricia Simone, VE3HIS - Manager, Emergency Preparedness

Ross Graham - Manager, Special Projects

Mark Przyslupski, VA3MPW

Mark Riedl, VA3MWR

Gordon Horner, VA3AEV

Scott McIntosh, VA3AEY

Rosemary Boyd, VA3AEH

Raymond Day, VA3AEU

Nets



Daily

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

Swap Net

7.055 MHz LSB 12:00 pm

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 MHz + 8:00 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

If you have a Net 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.

2011/2012 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 2010-2011.

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. 21, 2012

[2012 Durham Region Amateur Radio Hamfest](#) - South
Pickering Amateur Radio Club
and North Shore Amateur
Radio Club

Pickering Recreation Complex, 1867
Valley Farm Rd.

Sun., Jun. 3, 2011

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

Waterloo Regional Police Association
Recreation Centre
R.R. 2, 1128 Rife Rd. North Dumfries
Township

Sat., Jun. 23, 2012 –

Sun., Jun. 24, 2012

[ARRL Field Day 2012](#)

London Amateur Radio Club's Field Day
site will be located at Reservoir Park in
Bryon

Sat., Jul. 14, 2012

[ONTARIO HAMFEST](#) -
Burlington Amateur Radio Club
Milton Agricultural Fairgrounds
Milton, ON

Sat., Jul. 28, 2012 –

Sun., Jul. 29, 2012

[Rona MS Bike Tour 2012](#)

The organizers are anxious for our help
once again. We hope to have Hams
riding in all the Voyageur vans, and will
therefore need some additional
operators. If you're curious as to what's
involved, send an email to
webmaster@larc.ca and we'll do our
best to entice you to share in the fun.

Sun., Sep. 26, 2012

[35th Annual 2010 London
Amateur Radio Club Flea
Market](#) - London Amateur
Radio Club

Located at the Western Fairgrounds
Special Events Building. London,
Ontario

Sat., Oct. 13, 2012

[HARC Hamfest 2012](#) - The
Hamilton Amateur Radio Club
Ancaster Fair Grounds

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.

2011/2012 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.

CANWARN 2012 Training Schedule - Release 1

March 9, 2012



Hello, everyone, after a winter that wasn't in many parts of the province, it is time to turn our attention to the renewed possibility of extended stretches of true spring-like weather. Along with milder temperatures and longer days will come the increased chance of severe thunderstorms in Ontario. And so once again, it is time to release the first glance at the upcoming CANWARN storm spotter training sessions. Some work is still required to confirm exact venues in some locations but the dates are provided for planning purposes and the venues will be firmed up in the coming weeks in future releases.

Once again, I thank all of you for being part of this very important program. Your reports in the last year have continued to provide valuable "on-the-ground" information to the Ontario Storm Prediction Centre. This also represents CANWARN's 25th year in Ontario. It all began in Windsor back in 1987 and we have seen the program grow significantly in the last number of years. So please join us if you can at a training session near you.

As in past years, I would ask you to RSVP me at geoff.coulson@ec.gc.ca to let me know which session you plan on attending so we can get a sense of the numbers of attendees at each location. So here they are, the dates/venues as things stand now. Dates and venues in June for Northwestern Ontario will be forthcoming in future releases.

April 11 - 7 PM - Sarnia - Lower Auditorium, Clearwater Arena - 1400 Wellington St.

April 17 - 7 PM - Windsor - Giovanni Caboto Club - 2175 Parent Ave.

April 18 - 7 PM - London - venue to be confirmed shortly

April 21 - 9 AM - Hamilton - Nash Auditorium, Chedoke Hospital, Sanatorium Road. Free parking available across the street from the auditorium

April 28 - 9 AM - Washago/Orillia - venue to be confirmed shortly

April 28 - 9 AM - Ottawa/Nepean - Nepean Sailing Club, 3259 Carling Avenue, Nepean

May 2 - 7 PM - Kitchener - Bingemans Conference Centre, 425 Bingemans Centre Drive

May 5 - 9 AM - Toronto - Environment Canada 4905 Dufferin St

May 8 - 7 PM - Toronto - Environment Canada 4905 Dufferin St

May 10 - 7 PM - Peterborough - Peterborough Public Library, 345 Aylmer St. North

May 16 - 7 PM - Dufferin County - Dufferin County Museum, corner of Hwy 89 and Airport Road in Mulmur

May 26 - 9 AM - Belleville - Belleville Library Conference Room, 254 Pinnacle Street

May 26 - 9 AM - Sudbury/Azilda - Lionel E. Lalonde Centre, 239 Montee Principale, Azilda

May 27 - 1 PM - Espanola - Pinewood Inn, 378 Centre St.

May 27 - 7 PM - Elliot Lake - Renaissance Centre, 20 Veterans Way

May 28 - 7 PM - Sault Ste Marie - Delta Sault Ste Marie, 208 St. Mary's Drive

May 29 - Timmins - time and venue to be confirmed

May 30 - Temiskaming Shores - time and venue to be confirmed

May 31 - North Bay - 6:30 PM - North Bay Public Library, 271 Worthington

Regards,

Geoff Coulson

Warning Preparedness
Ontario Region Client Services

Environment Canada
Government of Canada
4905 Dufferin St

Toronto, ON M3H 5T4

Geoff.Coulson@ec.gc.ca

Telephone 416-739-4466

Facsimile 416-739-4603

Website www.weatheroffice.gc.ca

CANWARN 2012 Training Schedule - Release 2

April 4, 2012



Folks, lots of new information to pass along including confirmation of some of the training locations and the addition of new training sites. Thanks to generous support from Fanshawe College, our London training will be done in a room on their campus this year. Thanks to the Rama First Nation, our training in the Orillia/Washago/Rama area will be at the Community Room of the MASK Arena on Rama Road (details below). Huron County has also asked to host two training sessions on April 24th. One will be held in the afternoon in Goderich, the second in the evening in Central Huron (Clinton). The Town of Parry Sound is also hosting a session on the afternoon of April 26th with details below. We have also firmed up the locations for the Timmins and Temiskaming Shores training.

We are continuing to work on the training schedule in Northwestern Ontario and I should be able to provide more details on dates and venues in the next training update.

Thanks to those of you who have already sent me an email confirming your interest in a given session. Early indications are that we will likely have one of the best turnouts ever at locations across the province. For those of you who have yet to drop me a note to confirm attendance at a session, please feel free to do so at geoff.coulson@ec.gc.ca

Please find following, the updated list of dates/venues/times for this year's training as things stand now...

- April 11 - 7 PM - Sarnia - Lower Auditorium, Clearwater Arena - 1400 Wellington St.
- April 17 - 7 PM - Windsor - Giovanni Caboto Club - 2175 Parent Ave.
- April 18 - 7 PM - London – Room T1003, Building T, Fanshawe College, 1001 Fanshawe College Blvd, free parking at any metered spots on campus after 6 PM
- April 21 - 9 AM - Hamilton - Nash Auditorium, Wilcox Building, Chedoke Hospital, Sanatorium Road. Free parking available across the street from the auditorium
- April 24 - 1:30 PM – Goderich – Goderich Community Centre (Old Arena) 180 McDonald St, Goderich
- April 24 - 7 PM – Central Huron (Clinton) – Central Huron Fire Hall, 410 Beech St Central Huron (Clinton)
- April 26 - 12:30 PM – Parry Sound – Bobby Orr Centre, 7 Mary Street, Parry Sound
- April 28 - 9 AM - Washago/Orillia – Community Room, MASK Arena, 6147 Rama Road (north of Casinorama and south of Airport Road on Rama Road)
- April 28 - 9 AM - Ottawa/Nepean - Nepean Sailing Club, 3259 Carling Avenue, Nepean
- May 2 - 7 PM - Kitchener - Bingemans Conference Centre, 425 Bingemans Centre Drive
- May 5 - 9 AM - Toronto - Environment Canada 4905 Dufferin St
- May 8 - 7 PM - Toronto - Environment Canada 4905 Dufferin St
- May 10 - 7 PM - Peterborough - Peterborough Public Library, 345 Aylmer St. North
- May 16 - 7 PM - Dufferin County - Dufferin County Museum, corner of Hwy 89 and Airport Road in Mulmur
- May 26 - 9 AM - Belleville - Belleville Library Conference Room, 254 Pinnacle Street
- May 26 - 9 AM - Sudbury/Azilda - Lionel E. Lalonde Centre, 239 Montee Principale, Azilda
- May 27 - 1 PM - Espanola - Pinewood Inn, 378 Centre St.
- May 27 - 7 PM - Elliot Lake - Renaissance Centre, 20 Veterans Way
- May 28 - 7 PM - Sault Ste Marie - Delta Sault Ste Marie, 208 St. Mary's Drive
- May 29 - Timmins – Timmins Inn and Suites, 1800 Riverside Drive
- May 30 - Temiskaming Shores – College Boreal, 280 Armstrong St.
- May 31 - North Bay - 6:30 PM - North Bay Public Library, 271 Worthington

Regards,

Geoff Coulson

Warning Preparedness Meteorologist
Ontario Region Client Services
Environment Canada
Government of Canada

RAC Bulletin 2012-018E - Public Information Officer appointed to the Field Organization National Secretariat

March 16, 2012

I am extremely pleased to announce the appointment of Alan Bauld, VE3CBR to the Field Organization National Secretariat effective immediately. Alan resides in Stittsville, Ontario just outside Ottawa, and will be a welcome addition to our ever growing team.



Alan has an impressive CV and I'll list just a couple of highlights.

- Holds a Master of Arts in Education
- Bachelor of Arts in Geography/Anthropology
- Has an Electronics Technology Diploma
- Has other qualifications and certificates too numerous to mention

- He is currently Eastern Canadian Storage Architect with Softchoice Canada
- Has experience as a Professor and Lecturer
- He is a Lieutenant and Training Officer in the Canadian Forces Reserves with the 736 Communications Squadron
- Has published many, many articles.

Alan, I join with the entire National Secretariat, RAC Board of Directors and RAC Executive and say welcome aboard. We look forward to working with you.

--

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

RAC Bulletin 2012-021E - Update on 60 Metres

April 5, 2012

RAC has been pursuing channelized access to 60M since early 2010. Our request was for an allocation identical to the US allocation, with one additional unique Canadian channel, and with fewer restrictions (the US allocations were restricted to USB voice only, with power and antenna restrictions). Amateurs will recall that one of the rationales for RAC requesting a 60M allocation was to enhance emergency communications including cross-border interoperability. IC responded by indicating that they were prepared to support access in synch with US amateur allocation and regulations. In late 2011, in response to an ARRL petition for change, the FCC issued a final Report and Order that, once it has been published in the Federal Register, will result in a change to the frequency of one of the channels and will enable the use of CW and data modes in addition to USB voice. These features had already been in the original RAC request. The FCC Report and Order has cleared the way for Canada to move ahead with finalizing its allocation to match the new US allocations, including the ability to use CW and data modes. This allocation, which will be on a secondary basis, requires a public consultation through the Canada Gazette, which RAC anticipates will occur in the second quarter of 2012.

It is important that Canadian Amateurs comment on the draft once released. RAC will continue to keep our members aware of the status of this

important initiative.

An important offer has been made by IC with regards to 60M. Industry Canada is prepared to license operators in channelized 60M operation pending the results of the consultation process. The licensing process will be managed out of ICs regional offices and is open to any Canadian amateur. The process requires a formal license application, payment of a license fee, and the use of a special call sign instead of the licensee's amateur call sign. RAC regards this as an important interim step allowing amateurs to get on the air in the 60M band as soon as possible and thanks IC for this initiative. RAC's objective, however, is to ensure that Canadian amateurs have the 60M allocation available to all amateurs as part of their amateur radio certification, i.e. without license applications, license fees or special call signs. RAC is cautiously optimistic that this will come about in the summer of 2012.

If you wish to obtain a temporary, paid license to operate on 60M, please contact your local Industry Canada Regional Office to complete the application form. The total fee depends upon the date of your application but in any case is less than \$100.

Bill Gade, VE4WO

Regulatory Affairs Officer - Radio Amateurs of Canada

Special Event Station - VO1AA - April, 25, 2012

February 26, 2012

The Society of Newfoundland Radio Amateurs (SONRA) will make history on April 25, 2012

April 25th each year marks the birthday of Guglielmo Marconi, who received the first wireless signal at Signal Hill, Newfoundland. This April 25th, SONRA will celebrate the event with making an Amateur Radio contact with Princess Elettra (Marconi) who will be in Bologna Italy to celebrate her father's birthday. It is planned to have the Canadian Heritage Minister, the NL Premier, the City of St. John's Mayor along with the NL Lieutenant Governor, exchange greetings with the Princess via Amateur Radio from VO1AA at Cabot

Tower.

This is the first time that this event has been attempted, and it is anticipated that it will be a high level media exposure for Amateur Radio in Canada.

SONRA appreciates the wonderful relationship that it enjoys with Parks Canada, Signal Hill National Historic Site, and looks forward to many years of commemorating this important event.

73

Doug Mercer, VO1DTM/VO1DM

Chief Field Services Officer - Radio Amateurs of Canada Inc.

Special Event Stations for the London 2012 Olympic and Paralympic Games

March 20, 2012

Press Release #1 19th March 2012.

Special Event Stations for the London 2012 Olympic and Paralympic Games

Some special event call-signs will be activated to celebrate the London 2012 Olympic and Paralympic Games: 2012L (Two Oscar One Two Lima) from London, England and 2012W (Two Oscar One Two Wales) from Barry, Wales. The Radio Society of Great Britain has been granted the 'Inspire mark' for these stations by the London 2012 Inspire programme.

The London station, 2012L will be active through the duration of the Games, located at the historic Eltham Palace, south-east London on 160m-2m, all modes. More information on the web site <http://www.2012L.com> or contact the Press Officer, Mr. John Warburton G4IRN at press@2012l.com.

The Welsh station 2012W will also be active on all bands from 160m to 23cms and all modes including SSTV and satellite from Whitmore Bay, Barry Island, Vale of Glamorgan, Wales. More information on web site <http://www.2012W.com> or contact

station manager: Mr Glyn Jones, GW0ANA, at glyndxis@talktalk.net.

Amateur radio operators everywhere will be able to share in the Olympic experience by making contact with the station and to exchange greetings messages with visitors and Games participants who visit the station - the team aim to make contact with as many of the Games participating countries as possible. Special QSL cards will be available to stations contacted.

The project aims to leave a lasting legacy by encouraging visitors to learn more about radio communications and the social, career and recreational benefits that it brings. Of course, visiting hams will be made very welcome at the stations.

If you would like to receive further information prior to the event, please respond to me at press@2012l.com, telling me your deadline-date for publishing publicity material before the event. 2012L and 2012W go on the air on 27th July 2012.

73 de John Warburton G4IRN
Publicity Officer, Project Echo.

New US 60 Meter Rules Now In Effect

March 9, 2012

Effective Monday, March 5th United States radio amateurs were granted new operating privileges on the 60 meter band. In addition to an increase in effective radiated power from 50 to 100 watts,

hams can now transmit CW and PSK31. More information on what modes can be used on what frequencies is on-line at the ARRL website. The quick link to it is www.tinyurl.com/60-meters-now.

[IARU-R2-News 170] Special event stations WARD 2012

March 21, 2012

On April 18, 2012 we will celebrate the World Amateur Radio Day on the 87th Anniversary of the founding of the International Amateur Radio Union, IARU.

This year's theme for the World Amateur Radio Day is "Amateur Radio Satellites: Celebrating 50 Years in Space" in remembrance the launching of OSCAR 1 on December 12, 1961 and the launch of OSCAR 2 on June 2, 1962.

For this reason there will be several special event stations from IARU's Member Societies active on

different dates during April: 6H6IARU, 3G73IARU and LZ1WARD.

If IARU's Member Societies plan to have a special event station for this reason in April let us now so we can publish the details before the end of this month. Send us an email to news@iaru-r2.org with the information.

Joaquín Solana, XE1R
News Editor - IARU R2
news@iaru-r2.org

Special Callsign GB100MGY

March 26, 2012

Good afternoon,

We have obtained and will be operating GB100MGY callsign on all amateur bands from FORT PERCH ROCK MARINE RADIO MUSEUM NEW BRIGHTON WIRRAL U.K. Dates from 6th April until 26th April on CW and SSB.

We also have special permission to use above callsign on the 501khz-504khz band from the 12th April until 18th April and will be transmitting on 502khz cw and for those people without a 500khz band licence a crossband qso on 3566 khz or 7066khz as propagation conditions permits.

This event is to mark the 100th anniversary of the TITANIC disaster in 1912. We are also having a special overnight operation on 14th/15th April the

date Titanic was sunk, this will be concentrated mainly on the 502khz as it was the 500khz band where the Titanic made her CQD and later on the SOS distress calls/messages.

We are hoping for a POND HOP to East coast area of Canada on the 502khz band with suitable conditions at that time. Please ask your amateur radio friends in Canada to listen out for us and include our callsign in your news bulletins.

Many thanks and 73 de John Hudson M0CMW

P.S.: our websites are:-

<http://www.fortperchrockmarineradiomuseum.co.uk> and also for this event is <http://www.gb100mgy-fortperchrock.co.uk>.

RSGB Says It Is Prepared To Defend Morse

April 6, 2012

Is there some group somewhere wanting to rid ham radio of Morse Code? This, at a time when its popularity is growing at a rate almost as fast as it did when wireless was first introduced?

One might get that impression from a rather cryptic two paragraph news release issued by the Radio Society of Great Britain. The statement, published in the latest RSGB news is presented here by news reader Jeremy Boot, G4NJH:

"Some say that CW has been made obsolete by modern digitmodes, which work well in conditions far too poor for the older mode.

"Now that Morse is no longer used in commercial radio traffic, the RSGB confirms that it would fight

any moves to prohibit CW on amateur bands. The Society recognizes that Morse gives much pleasure to thousands of operators, and will continue to support its use."

Very interesting and also begs this question back to the Radio Society of Great Britain: If there is some honest to goodness organized threat to the use of Morse by radio amateurs, how about directly identifying those involved? After all, if you are doing news and have that specific information, it is your duty to the worlds ham radio public to tell all of us what's going on and who is behind any such anti-Morse movement. (RSGB/GB2RS)

Ottawa Canada Looks At Big Ham Antenna Restrictions

March 9, 2012

Ottawa Canada's proposed rules for where private radio operators can put their antennas need another look. This according to the City Council's Rural-Affairs Committee which met two days after the city's Planning Committee reached a similar decision.

According to the on-line Ottawa Citizen, the regulations are aimed at restricting big and intrusive antenna installations while staying out of the way of small ones. But Ottawa area hams have warned City Councilors that they do not agree with the way that they are written.

Under the rules, antennas on residential properties would be exempt from public consultations as long as they are under 15 meters in height and at the back of a house.

Radio amateurs counter that this type of a regulation would leave little room for a working antenna above many trees and roof lines. Also that it unduly restricts unobtrusive antennas that would be less visible in front yards than telephone wires, and it doesn't distinguish between an urban house and a rural one, where neighbors might be much too far away to care which yard has an antenna in it.

Like the Planning Committee the Rural-Affairs Committee approved the rules their staff had made up, but nevertheless asked for tweaks and improvements to be made before the issue heads to City Council for a final vote on March 28.

The Canadian Province of Ottawa is home to about 1,400 amateur radio operators. City Council members have already been told that ham radio operators come as a vital resource during rare disasters like extended power failures. Amateur radio enthusiasts were instrumental in setting up communications during the 1998 ice storm, particularly on the hard-hit South Shore of Montreal.

According to the March 1st story, the city of Ottawa cannot actually control the placement of private or commercial antennas. That's the purview of Canadian federal telecommunications regulator Industry Canada. However Industry Canada does give municipalities a chance to comment when it's making decisions so that citizens can express what a city thinks is right for them. Now the Ottawa City Council must convince Industry Canada to adopt them. (ottawacitizen.com)

VE3CGN Appointed RAC Ontario SEC

March 9, 2012



Scott Carter VE3CGN who has been appointed as the new Section Emergency Coordinator for ARES in Ontario, Canada. According to Radio Amateurs of

Canada, Carter was the former District Emergency Coordinator for the Tecumseh District and holds many certifications in emergency management. He is also very active with the Salvation Army Team Emergency Radio Network. His appointment was effective on March 1st. (RAC, VE3AJB)

VE3CBR Appointed PIO For RAC National Field Office Secretariat

March 30, 2012



Some names in the news. Radio Amateurs of Canada has announced that Alan Bauld VE3CBR has been appointed Public Information Officer to the Field Organization National

Secretariat. VE3CBR resides in Stittsville, Ontario just outside Ottawa, and brings with him an extensive background in both management and amateur radio. His appointment is effective immediately. (RAC)

VA3OOG To Be First Canadian To Command The ISS

March 9, 2012



The BBC reports that astronaut Chris Hadfield, VA3OOG, who also holds the US call KC5RNJ will be the first Canadian to command the International Space Station.

According to the news report, Hadfield will

begin his journey when he launches to the ISS on board a Russian Soyuz lift vehicle near the end of this year. For his first three months on-orbit the 52-year-old ham radio operator will serve as a flight

engineer in the Expedition 34 crew. Then, in March 2013, he will assume command of Expedition 35 for three months before returning to Earth.

This will not be Hadfield's first trip into space. On past missions to orbit he became the first Canadian to undertake a spacewalk and was the first and only Canadian to board the Russian MIR space station.

VA3OOG was also the first Canadian to operate his country's major contribution to the space shuttle program. That being its famed robotic arm that was used in numerous space experiments, on-orbit repairs and to help build the ISS.

You can read more about Chris Hadfield, VA3OOG, and his coming trip to the ISS on line at www.tinyurl.com/va3oog-on-orbit. (BBC, Space Today)

Flemish Radio Amateurs Commemorate The Sinking Of The Titanic 100 Years Ago

March 9, 2012

Three special call signs will be activated from April 1st to the 30th from Belgium by the Flemish Radio Amateurs organization. This to honor those who perished 100 years ago in the sinking of the steam ship Titanic.

OO100MGY by operated from the city of Antwerp. OR100MGY will take to the air from Knokke-Heist

while OT100MGY will be on from Londerzeel.

During the weekend of April 14 through April 15, all three stations will be active during a marathon session from 12:00 Saturday until 16:00 Sunday UTC. Each of these stations has a special and unique QSL card available so that three different styles can be acquired. (FRA)

Canada Issues Its First Developmental License VX9GHD On The 5 Meg, 60 Meter Band

April 2, 2012

Industry Canada issues its first license on the new 60 meter developmental band, VX9GHD to VE3FI Russ Hemphill today. Canadians have been waiting for 3 years for this new opportunity to join the USA, and Britain. This band is badly needed for Emergency Communications, when conditions on

40 and 80 are not suitable for transmitting or receiving traffic. This license is for one year, then it will be open to all canadian amateurs using their own call sign.

Russ Hemphill VX9GHD/VE3FI

Radio Reading Winter 2012 TAPR PSR Journal Now On Line

March 23, 2012

The Winter issue of the free Tucson Amateur Packet Radio PSR Journal is now available to download. This quarterly publication is full of technical, non-technical and user digital information and articles. You can download the free winter

2012 PSR from tapr.org/psr/psr117.pdf. Previous issues are also available free from the Tucson Amateur Packet Radio website at tapr.org/psr.html. (TAPR)

IRLP Topic Channels Inaugurated

March 16, 2012

The long-awaited Internet Radio Linking Project or IRLP Topic Channels have now gone live. IRLP-users are now able to log onto reflector channels allocated for interests ranging from DX'ing to music, media, history, the upcoming 2012 election and many others.

For those not aware, the Internet Radio Linking Project was the result of research and development by Dave Cameron, VE7LTD, back in 1998. This as a

way of using the Internet to interconnect repeaters world-wide. With the advent of IRLP Topic Channels the concept has developed into a global discussion real-time forum on almost any topic of interest to those signed on.

For up-to-date information on the IRLP Topic Channels please visit www.irlptopics.net. To locate an IRLP node near you go to status.irlp.net on the world-wide-web. (W7RAT, Southgate)

KG6YPI's "RemoteHams.com" Enhances Remote-Controlled Radio Capability

March 12, 2012



Brandon Hansen, KG6YPI, continues to make significant improvement to his www.RemoteHams.com remote radio service with the addition of a custom client installed on a users computer. Remotehams.com offers Internet-controlled receivers and transceivers from around the world, including transmit

capability. The custom client includes VoIP capability eliminating the need for a service such as Skype for audio. It also includes such features as visual level displays of both receiver and transmit audio, easy selection of audio sources, and simple adjustment of audio levels. The audio quality on such remotes as that offered by Scott, WA6LIE in Salinas, California is excellent.

Beyond these features Brandon has done a superb job of creating a very attractive, easy-to-use radio interface that makes using these radios both simple and fun. It even includes capability to send and receive CW. I use WA6LIE's radio on a regular basis from my home and find that it is almost like having his Elecraft K3 right on my desk here in Hong Kong.

You can give the system a try by going to: <http://www.remotehams.com>

73, Dan...VR2HF (K7DAN)

Ham Tech

Volume 2, Number 3

John R. Fogleboch, Sr, WY2J, wy2j@arrl.net

HF Propagation & Antennas - Part 3 of 3

This month we finish up our exploration of HF Propagation using the free software W6EL Prop. I hope you downloaded a copy of it as explained in last month's Harmonics and ran one or two predictions to get the feel

of it. The URL is www.qsl.net/w6elprop for the software and the ftp site where you get the needed near real time solar data is [ftp://ftp.sec.noaa.gov/pub/latest/www.txt](http://ftp.sec.noaa.gov/pub/latest/www.txt). This month

we will explore the Map function of the software and then look at some of the big swingers in establishing really long distance DX on HF. Believe me it doesn't have anything to do with your antenna selection of an inverted V, a G5RV or a Carolina Windom. So explore this chapter on HF Propagation before you change out antennas.

Set up your bands selection for 40, 20, 15 and 10 meters and the transmitter power to 100 watts, 0dB on the frequencies & constants screen. Enter 2400 HZ for SSB and 5 degrees for the minimum elevation angle on the Prediction parameter tab. Other settings are the same as given in last month's column except enter current solar flux and K value from the above listed NOAA ftp site.

Go to the opening screen and click on the Map tab scrolling down to Frequency. What you see is a world map with your QTH identified, the current location of the sun and portions of the earth cross hatch coded for each of the DX bands that you entered in setup. Click on the 7 MHz tab and the cross hatch for the other bands will disappear showing those portions of the earth where the maximum usable frequency, MUF, is above 7 MHz. Click the 14 MHz tab and the display will switch to show you where the MUF is greater than 14 MHz and possibly where a 20 meter opening is possible. Please note that it says nothing about S/N ratio and the other important factors that determine if a QSO is possible. But at least it tells you where not to try and work at that time. This map changes with the time of day and you can enter a new time with the provided tab.

At the time of this writing, working Australia from the east coast seems possible on 40 meters at about 1000 hours UTC, on 20 meters at 1300 and on 15 meters possibly at 2300 hours. This is with SF = 114 and K = 1. From here you go to the point to point prediction method I showed you how to use the last two months. At 1000 hours on 40 meters the Availability is 0.97 (excellent), the S/N is +1 dB. On 20 meters at 1300 hours Availability is 0.91(very good) and S/N = -1 dB and on 15 meters the Availability is 0.75 (good) and S/N = - 15 dB. On all of these band openings the launch angle is 5 degrees and it takes 6 hops to go 10,600 miles from NJ to Australia.

Keep in mind that these predictions are based on using the theoretical free space dipole antennas with 100 watts on both end of the contact. All of the S/N values are too low to be useful. So what do we do? Let's ignore the 40 meter case as achieving useful antenna gain at 5 degrees elevation and this frequency requires a very large antenna and tower. Go to my HAM TECH article in the February issue of Harmonics and find table 3. At 5 degrees elevation the 3 element 20 meter yagi on a 66 foot tower (20Y66) will provide + 5 dB gain over

the theoretical free space dipole used by the prediction software. This is a reasonable antenna for a DX station and one in NJ that wants to work DX. We can obtain +10 dB by putting one at each site to give us a 9 dB S/N. A little short but it might work.

On 15 meters a 3 element yagi at 66 feet is gain and elevation pattern equivalent to a 20 meter one at 100 feet, $((14.1/21.2) \times 100 = 66.5)$. One of these 15 meter yagis at 66 feet on each end would give us +16.4 dB of total improvement. This would net out at a S/N = - 15 + 16.4 = + 1.4 dB on 15 meters, still too low to be useful.

So what's next, an amplifier? Be careful with this approach since many DX countries don't permit the 1500 watts power that we enjoy. A maximum power of 400 watts may be the limit on the DX stations end of the QSO. This would give us 6 dB of improvement which would raise the S/N of our 20 meter example to + 15 dB (2 1/2 S Units), a very useful level. On 15 meters we would have a S/N of 7.4 dB (1 1/4 S Units), still marginal.

There is one avenue left to pump up the S/N without growing the stations to big gun status. Change the modulation from SSB to CW or maybe PSK-31 if you have let your CW skills lapse. For CW with a 300 Hz filter in your rig the S/N would grow by $10 \log(2400/300) = 9$ dB. Your 100 watt rigs with the 3 element yagi antennas on a 66 foot tower would give you a S/N of 18 dB (3 S Units) on 20 meters and 10.4 dB (1 3/4 S Units) on 15 meters. You may still want the 400 watt amplifiers on this band.

Let's switch to PSK_31 with its 60 Hz bandwidth. This will provide $10 \log(2400/60) = 16$ dB more S/N than SSB. The 100 watt rig with the 66 foot high yagi antennas would give a S/N = 25 dB (a little over 4 S Units) on 20 meters and a S/N = 17.4 dB (almost 3 S Units) on 15 meters. Big gun signals with a 100 watts You could drop the antennas down to 33 feet and still have a very respectable signal on the other side of the world. Ever wonder why 14.070 to 14.073 MHz was so full of DX stations? Or why most QRP (5 watts max) stations use CW almost exclusively over SSB.

This wraps up HF Propagation for now except that I will answer all questions that you may have. Just send me an E-mail at the above address. I hope that all of you will download the prediction software and give it a try just as Ira W2IRA did. It gives you a quantitative view of HF without much math that I think takes some of the myth and misinformation out of the magic of worldwide radio communications.

Next month we start a new topic, antennas. My focus will be primarily on HF antennas using Eznec software as a tool to extract real world performance information.

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

<input type="checkbox"/> SINGLE MEMBERSHIP: \$25.00	<input type="checkbox"/> RENEWAL
<input type="checkbox"/> FAMILY MEMBERSHIP: \$30.00	<input type="checkbox"/> NEW MEMBER

Member # 1	Last Name	_____	First Name	_____	Call Sign	_____
	RAC Member?	_____	RAC Member #	_____	ARES Volunteer?	_____
	<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?	_____
	<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?	_____
	<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?	_____
	<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