

The Dummy Load

Official Bulletin of The Cambridge Amateur Radio Club (SWARC Inc)

Serving the community since 1964

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Steve Nyul VE3USP

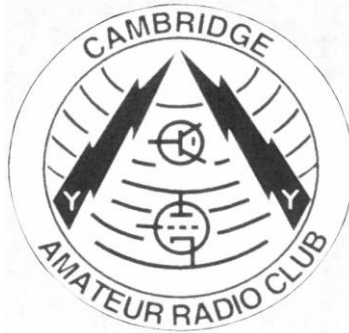
<http://www.cambridgeham.ca>

Club Net

Every Wednesday on VE3SWR at
9 pm. Local time.

All comers are welcome.

VE3SWR is an open repeater
146.790 MHz –600 KHz offset



VE3SWA
DXCC HONOR ROLL
(335/335)
WAZ, WAC, WAS.

Next Meetings

Second Monday of the month
Preston Arena Boardroom at

7:30pm

December 12, 2016

January 9, 2017

February 13, 2017

March 13, 2017

April 10, 2017 AGM

May 8, 2017

June 12, 2017

Visitors are always welcome

Editor's Column

As the December meeting is the last of 2016, and our trial of starting at 07:30 we will need to discuss the continuation of the earlier start. The added post-meeting time has given us a chance to spend some time socialising. To this end, president Bob has once again organised a pre-meeting dinner. Those who would like to join Bob at the Cambridge Restaurant, 752 King St E, (Preston) at 5:30 should let him know by December 9th.

Saturday November the 26th saw a small contingent from our club join the Norfolk Amateur Radio Club annual Christmas dinner in Port Dover. Bob and brother Wayne, Hugh and his wife Judy and Vivian and I enjoyed the evening's festivities and an enormous amount of food. Thanks to Peter VA3PDG for the invite.

A major undertaking by our club members to offer an advanced amateur course starts on January 7th. Bob VE3MF has scheduled a get together for those interested in helping out in any way for Tuesday December 13th, 7pm. at the Cambridge Restaurant, 752 King St E, (Preston).

For those who paid their membership for 2017 and did not get a membership card – and want one – please see your treasurer at the next meeting to receive same.

One of the on air contests that our members have taken part in in past years is the RAC Canada Winter Contest. Last year members Bob VE3MF, Brian VE3ESW and Steve VE3USP racked up 655 QSO's for a points total of 293,904. This earned the club a certificate

FIRST PLACE for Ontario

Multi Operator Single Transmitter
Low Power category.

If you would like to join in this year, please let contest coordinator Steve VE3USP know. See further down for dates, times and rules.

MERRY CHRISTMAS TO ALL
OUR MEMBERS AND FRIENDS
WISHING YOU EVERYTHING
THAT YOU WISH FOR
YOURSELVES AT THIS FESTIVE
TIME AND MAY 2017 BRING YOU
HEALTH AND HAPPINESS

Tom ve3mah@bell.net

Cambridge Amateur Radio Club Meeting 14th November 2016

Meeting opened at 07:30 by President Bob VE3MF who stated that a motion to open was not required.

Present: Clarence VA3CF, Walter VE3NQM, Shawn VE3PSV, Bob VE3MF, Scott VE3ANT, Tom VE3MAH, Hugh VE3IHM, Norman VE3HYE, Peter VA3PDG, Scott VA3GGT, Robin VE3OAV, Steve VE3USP.

Bob passed along regrets from Brian VE3ESW who could not make the meeting tonight.

In Brian's absence, Scott VA3GGT will take the minutes.

Minutes of the October meeting were read by president Bob and accepted as read on a motion by Peter VA3PDG and Scott VE3ANT. Bob also read the minutes from the education committee and left them for further discussion.

Treasurers report:

Tom VE3MAH gave a big thank you to Hugh who looked after the club's accounts in his absence.

Since the last report: 15 memberships and 1 associate membership for 2017 have been received; paid out for an advanced study guide \$leaving a balance of \$ from Robin VE3OAV and Hugh VE3IHM.

Old Business:

President Bob discussed the RAC affiliation and the updating of information sent to RAC. He found that the same person who puts this information on the RAC webpage is also associated with Coax Publications; the study material we will be using for the course.

President talked to the group on behalf of the education committee.

- Brian VE3ESW has resigned as chairman but will assist with the teaching.
- Bob VE3MF will assume the role of chairman.
- An email had gone out to potential members who are willing to assist. Those able to assist at present are Brian VE3ESW, Jeff VA3WIF, Dan VE3IRE, Tom VE3MAH.
- Bob read the November 5th education meeting minutes
- Bob discussed his meeting with Brian VE3ESW and Karen of Idea Exchange
 - Idea Exchange will advertise the course via their website and magazine. IE magazine launches November 25th or so.
 - We will advertise in the local newspaper and by contacting other local clubs.
 - Prospective students will register on the IE website.
 - Cost to each student will be study materials only and collected by CARC.
 - Course will start on January 7th 2017, 10 am to 12 noon at the Hespeler Branch of the Idea Exchange and run for 15 Saturdays with the 16th week scheduled for participants to write the advanced exam. There will be no class scheduled March 18th.
- Bob has already contacted KWARC, Guelph, Brantford and Norfolk clubs re this course offering.
- Bob VE3MF and Tom VE3MAH met on Monday afternoon to view the room that will be used. The room will hold 10 to 15, tables and chairs we will set up, has a video projector, screen and computer available for our use, small easel whiteboard and power. Bob informs that there is a window for cable exit as may be required and allowed.
- Bob VE3MF will contact Coax publications and RAC to update information on this course offering.
- Bob will follow up with the Cambridge Times.
- Steve VE3USP will update the webpage with information supplied by Bob VE3MF.
- Steve VE3USP will contact Industry Canada to confirm any conflict of interest should he both teach portions of the course and be the examiner.

- Scott VE3ANT questioned whether we could set up and leave equipment in the teaching room. Bob VE3MF advised that everything brought in needs to be removed each time.
- Scott VA3GGT and Steve VE3USP suggested the use of Hamstudy.com as additional material for students to use.
 - Bob suggested that the resources from Coax Publications on their web page are very good and should be the first resource.
- Bob VE3MF outlined the presentation techniques he believes will work best:
 - Students will read and study the chapter for each lesson, come to class and ask questions that need to be clarified.
 - Class time will be used for practical activities.

President talked to the group regarding the Taco Stand Project being launched by the Idea Exchange at the Galt Branch.

- This is a chance for CARC to present Amateur Radio to the community.
- There are a number of opportunities for us to sign up to do a display/presentation over the next number of months beginning November 26th and running through to February 18th 2017.
- The kick-off event will be on Friday November 25th. Those who want to attend (free food and drinks) should email Bob VE3MF.

Bob VE3MF reminded members of our invitation to the Norfolk clubs holiday dinner being held in Port Dover. RSVP is required to Peter VA3PDG by November 20th.

New Business:

Bob VE3MF inquired about any plans we might have for a holiday event. We will follow past tradition and bring some goodies to the December meeting.

Bob VE3MF talked about the social time that ensued prior to the October meeting where a number of members met at a local eatery for dinner before the meeting. He believes this time is important to add the connectivity between members that does not happen as easily at a meeting. He finds this most useful along with his membership in the North Bay ARC. Pursuant to this, Bob will send out an invitation for a similar gathering prior to the December meeting.

- Hugh VE3IHM is in as well as general agreement from the group.
- Scott VE3ANT wants to have the goodies at the meeting also.
- Shawn VE3PSV talked about a group in the US who does breakfast.

Steve VE3USP asked about interest in operating as a group for the RAC Winter Contest.

- Date December 17th, 2016. 0000 UTC to 2359 UTC (7pm Dec 16th to 6:59pm Dec. 17th.)
- Steve VE3USP will send out his participation spread sheet to all members to gauge interest.
- We will set any plans at the December meeting.
- The treasurer will supply Steve with an updated email list.

Shawn VE3PSV reminded members that the Great Lakes Emergency & Traffic Net meets daily on 3932 kHz with a modified time of 7pm local for the pre net and 7:15 local for the formal net. All amateurs are invited to participate.

Tom VE3MAH offered up two bags of QST and TCA for the taking.

A motion to close the meeting at 08:32 by Shawn VE3PSV and Scott VE3ANT.

Since Scott forgot to bring the coffee – there was none served.

As transcribed by Tom VE3MAH from notes taken by Scott VA3GGT

From your President:

"I am scheduling a meeting for instructors and perspective instructors for the future Advanced Course starting Jan. 7, 2017.

This meeting will be to discuss the learning tools supplied by Coax Publications.

This meeting will be Dec. 13, 7 PM, Cambridge Restaurant, King Street Preston.

Those unable to attend due to work schedule and other reasons, I am available for individual meetings."

Column – Looking inside the stations of our club members.

Here is a look into the station of one of our newest members. The following was sent by Kyle VE3BKK.



My name is Kyle Krulicki and have lived in Cambridge all my life. My interest in radio started back in the late 80's mostly due to working for Radio Shack in my late teenage years where we sold scanners, TV antennas, wiring and electronic components My main interest was scanners where I basically have been monitoring on Police/EMS, Fire, Utilities and the odd shortwave frequencies up to now. A friend at work kept on encouraging me to get my

Amateur radio license and I said I will wait for retirement. However, I figured why wait when I have some considerable years left until retirement.

I took the exam, hoping to get over 80 % as it would be all I needed to be able to use a ham radio on all frequencies allowed as per Industry Canada. I had passed with 85% with Honours with much excitement and have been licensed since July 2016. Officially joined the Cambridge club in October 2016. Everyone with the club was very welcoming and is always willing to help.

I now have a base 2 metre radio loaned from a friend with antennae and I am in full learning mode. Also I bought a portable Kenwood with accessories. My goal is to purchase an HF radio so that I can communicate with the world! The picture is of my Ham station with an Alinco base station radio and Kenwood portable in the background. Thank you for reading.

Kyle Krulicki VE3BKK

WHAT WAS OLD IS NEW AGAIN!

Tom VE3MAH

Our earth is degenerate in these latter days; bribery and corruption are common; children no longer obey their parents; and the end of the world is evidently approaching."

from an Assyrian clay tablet (c. 2800 B.C.E (29th century B.C.))

A Christmas Greeting: *many years ago Robin VE3OAV talked to his lawyer before passing along his greeting to club members. I trust he is ok with him for me to pass it along once again.*

HOLIDAY GREETINGS

(as cleared by my lawyer) VE3OAV

Please accept with no obligation, implied or implicit, my best wishes for an environmentally conscious, socially responsible, low stress, non-addictive, gender neutral celebration of the winter solstice holiday, practised within the most enjoyable traditions of the religious persuasion of your choice, or secular practices of your choice, with respect for the religious/secular persuasions and/or traditions of others, or their choice not to practice religious or secular traditions at all...and a fiscally successful, personally fulfilling, and medically uncomplicated recognition of the onset of the generally accepted calendar year 2017, but not without due respect for the calendars of choice of other cultures whose contributions to society have helped make Canada great (not to imply that Canada is necessarily greater than any other country), and without regard to the race, creed, colour, age, physical ability, religious faith, or sexual orientation of the wishee.

This wish is limited to the customary and usual good tidings for a period of one year, or until the issuance of a subsequent holiday greeting, whichever, and is not intended to, nor shall it be considered limited to the usual Judeo-Christian celebrations or observances, or to such activities of any organised or ad hoc religious community group, individual or belief (or lack thereof).

Note: By accepting this greeting, you are accepting these terms. This greeting is subject to clarification or withdrawal, and is revocable at the sole discretion of the wisher at any time, for any reason or for no reason at all. This greeting is freely transferable with no alteration to the original greeting. This greeting implies no promise by the wisher to actually implement any of the wishes for the wishee her/himself or others, or responsibility for the consequences which may arise from the implementation or non-implementation of same. This greeting is void where prohibited by law.

A Filler:

Two hams that stay together for the duration probably only have one station between them.

A Christmas Poem:

With apologies to Clement Clarke Moore (1779 - 1863) wrote the poem 'Twas the night before Christmas in 1822, amateurs have a different take on this traditional Christmas Eve reading.

A Ham's Night Before Christmas

'Twas the night before Christmas, and all through two-meters,
Not a signal was keying up any repeaters.
The antennas reached up from the tower, quite high,
To catch the weak signals that bounced from the sky.

The children, all Basic's, took their HT's to bed,
And dreamed of the day they'd be Advanced, instead.
Mom put on her headphones, I plugged in the key,
And we tuned 40 meters for that rare ZK3.

When the meter was pegged by a signal with power,
It smoked a small diode, and, I swear, shook the tower.
Mom yanked off her phones, and with all she could muster,
Logged VP0LE and a spot of the signal on the DX Cluster.

I ran to the window and peered up at the sky,
To see what could generate RF that high.
It was way in the distance, but the moon made it gleam -
A flying sleigh, with an eight element beam.

And a little old driver who looked slightly mean,
So I thought for a moment, that it might be Wayne Green.
But no, it was Santa, the Santa of Hams,
On a mission, this Christmas, to clean up the bands.

He circled the tower, then stopped in his track,
And he slid down the coax right into the shack.
While Mom and I hid behind stacks of CQ,
This Santa of hamming knew just what to do.

He cleared off the shack desk of paper and parts,
And filled out all my late QSLs for a start.
He ran copper braid, took a steel rod and pounded it into the earth,
Till the station was grounded.

He tightened loose fittings, resoldered connections,
Cranked down the modulation, installed lightning protection.
He neutralized tubes in my linear amp...
(Never worked right before- now it works like a champ).

A new, low-pass filter cleaned up the TV,
He corrected the settings in my TNC.
He repaired the computer that would not compute,
And he backed up the hard drive and got it to boot.

Then, he reached really deep in the bag that he brought,
And he pulled out a big box, a new rig? I thought!
A new Kenwood? nn Icom? a Yaesu, for me?!
(If he thought I'd been bad it might be QRP!)

Yes! The Ultimate Station! how could I deserve this?
Could it be all those hours that I worked Public Service?
He hooked it all up and in record time, quickly,
Worked 100 countries, all down on 160.

I should have been happy, it was my call he sent,
But the cards and the postage will cost two month's rent!
He made final adjustments, and left a card by the key,
"To (your name here), from Santa Claus. Seventy-Three."

Then he grabbed his HT, looked me straight in the eye,
Punched a code on the pad, and was gone - no good-bye.
I ran back to the station, and the pile-up was big,
But a card from St. Nick would be worth my new rig.

Oh, too late, for his final came over the air,
It was copied all over. it was heard everywhere.
The Ham's Santa exclaimed what a ham might expect,
"Merry Christmas to all, and to all, good DX."

A modified version of the poem written in 1996 by Gary Pearce KN4AQ

Upcoming Events:

Mark your calendar for the RAC Winter Contest.

RAC CANADA WINTER CONTEST 2016

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

Contest Period: 0000 UTC to 2359 UTC December 17, 2016. Next year the contest will be held on December 30, 2017.

Bands and Modes: 160, 80, 40, 20, 15, 10, 6 and 2 metres, CW and phone (SSB, FM, AM, etc.)

Suggested frequencies: CW – 25 kHz up from the band edge and for SSB – 1850, 3775, 7075, 7225, 14175, 21250, 28500 kHz. Check for CW activity on the half-hour.

Exchange: Stations in Canada send RS(T) and province or territory. VEØs and stations outside Canada send RS(T) and a serial number.

QSOs: Contacts with stations in Canada or VEØs are worth 10 points. Contacts with stations outside Canada are worth 2 points. Contacts with RAC official stations are worth 20 points. RAC official stations are: VA2RAC, VA3RAC, VE1RAC, VE4RAC, VE5RAC, VE6RAC, VE7RAC, VE8RAC, VE9RAC, VO1RAC, VO2RAC, VY0RAC, VY1RAC and VY2RAC. You may work any station once on each of the two modes, on each of the eight contest bands.

It is **prohibited** to make CW contacts in the conventional phone sub-bands and phone contacts in the conventional CW sub-bands. Contacts or soliciting QSOs through a repeater during the contest period is not allowed.

Multipliers: Thirteen in total, Canada's 10 provinces and three territories. Each multiplier may be counted once on each mode on each of the eight contest bands. The multipliers, with their postal abbreviations and prefixes are: Nova Scotia [NS] (VE1, VA1, CY9, CYØ); Quebec [QC] (VE2, VA2); Ontario [ON] (VE3, VA3); Manitoba [MB] (VE4, VA4); Saskatchewan [SK] (VE5, VA5); Alberta [AB] (VE6, VA6); British Columbia [BC] (VE7, VA7); Northwest Territories [NT] (VE8); New Brunswick [NB] (VE9); Newfoundland and Labrador [NL] (VO1, VO2); Nunavut [NU] (VYØ); Yukon [YT] (VY1); and Prince Edward Island [PE] (VY2). Certain special Canadian prefixes in use at the time of the contest may also apply; however there may be no more than 13 multipliers on each band/mode. Please use the multiplier abbreviations, in square brackets, noted above.

Final Score: The total QSO from all bands multiplied by the total number of multipliers from all bands.

Categories: The following 9 categories are eligible for plaque's or certificates as detailed in the Awards section of the rules.

Single Operator All Bands High Power (>100 Watts) – **Radioworld**

Single Operator All Bands Low Power (max. 100 Watts output) – **Contest Club Ontario**

Single Operator QRP (max. 5 Watt output) All Bands & Single Band ** – **QRP Canada**

Single Operator All Bands CW only, any authorized power – **Maritime Contest Club**

Single Operator All Bands PH only, any authorized power – **Saskatchewan Contest Club**

Single Operator Single Band, any authorized power *** – **Radioworld**

Multi-Operator Single Transmitter High Power (>100 Watts) * – **Alfa Radio**

Multi-Operator Single Transmitter Low Power (max. 100 Watts output) * – **Tony Allsop VE3FTA Memorial by the Mississauga ARC**

Multi-Operator Multi-Transmitter, any authorized power – **Radioworld**

For the Canada Winter Contest a special trophy is awarded for the highest Single Operator (no power classification) Foreign Entrant – **Russ Coleston VK4XA Memorial by Alan Goodacre, VE3HX.**

Special thanks to our sponsors for their support of the RAC contests.

Category notes: please see the new information in items #6 and #7

1) The contents of a log that is submitted for a specific category must reflect that category. In the event of a conflict between the actual content of the log and the stated category in the Cabrillo header or contained in other elements of the entry material, the actual contents of the log will be used to determine the category of entry where possible. In the event this cannot be determined or in the event where a log does not identify the entry category, the entry will be classified into the Multi-Operator, Multi-Transmitter, any authorized power category.

Any entrant who wants to enter a specific category (i.e. Single band entry) but who also worked additional contacts outside that category **may** submit those additional contacts in a **separate** check log file. Do not include them in the main entered category log file.

2) Where the categories have a power class and the submitted log does not clearly identify the power class entered, then the log will be treated as if the highest power class for that category was entered.

- 3) Single operators who receive assistance from a DX spotting system, including Skimmer and similar technologies or any type of Packet Cluster network during the contest must classify themselves as Multi-Single ops.
- 4) * In the Multi-Single category only one transmitter and one band are permitted during the same time period (defined as 10 minutes). Exception: One, and only one, other band may be used during any 10-minute period, if and only if the station worked is a new multiplier. In other words the Multi-Single Transmitter class allows a second station to "hunt" and work multipliers only on a single separate band during any 10-minute period.
- 5) Multi-Multi category stations may operate on several bands simultaneously.
- 6) For all multi transmitter categories, all transceivers, transmitters and receivers operated by the multi station participants/entrants must be within a single 500-metre diameter circle and the antennas must be physically connected by RF transmission lines to the transceivers, transmitters and/or receivers.
- 7) Operators in either the Multi-Multi or Multi-Single categories should note that a distributed contest station is permitted in the RAC contests, however such operations are not eligible for awards. A distributed station is defined as a station which does not have all transceivers, transmitters and/or receivers operated by station operators/participants/entrants located within a single 500-metre diameter circle of each other. Distributed Multi-Multi operations must identify such operations as part of their Cabrillo form log submission or summary sheet document.
- 8) ** Although there is only one QRP category, which qualifies for a plaque or certificate, it is intended that the published results would show All Bands or the Single Band of operation. To facilitate this break out of the listings, your entry should indicate the band(s) or mode(s) operated.
- 9) *** Although there is only one Single Operator Single Band category that qualifies for a certificate or award, it is intended that the published results would show High Power or Low Power. To facilitate this break out of the listings, your entry should indicate the power class you used.
- 10) Operators who have participated in any multi-operator category entries may not contact the station they have participated in if they were to operate as part of another entry in the same contest. In addition, guest operators at any station regardless of entry category may not claim contacts with the station host owner or host station mobile call for points or multipliers.

Awards: Plaques will be awarded to the top-scoring entrants in each category, as noted above in the category list. Special thanks to our sponsors for their ongoing support!

Certificates will be awarded to the top-scoring entrant in each category in each of:

Canadian provinces or territories

Continental US call districts, W0 through W9 as well as Alaska and Hawaii. US Commonwealths, Territories and Possessions such as Puerto Rico, US Virgin Islands, etc will be treated as equivalent to a DXCC country

DXCC country, excluding Canada and the US.

To facilitate the proper allocation of certificates, all US stations should indicate their actual US call district based on their actual address, as provided in the Cabrillo header, if different than indicated by their call prefix. DX stations should indicate the actual country of operation if different than indicated by their call prefix by indicating the country as part of the portable call sign designator.

RAC stations will compete and be considered the same as any other entrant for eligibility to plaques and certificates.

DX News:

Rather than list some of the events coming, here are some sources that I find quite complete.

For DXpedition news: <http://www.dx-world.net/>

For special events: <http://www.ng3k.com/Misc/adxo.html>

Islands on the air: <https://www.rsgbiota.org/index.php>

For Sale / Swap / Free

The intention of this section of the bulletin is to provide a space where **members** can advertise items of a ham related nature to other members of the club. It is not intended as competition to the many on air and internet based swap shops.

Free: I have several recent years of QST and RAC magazines for any one that wants them.
Ernie VE3OU 653-9743

Free: (to club members) 440 ohm Ladder line. About 66 feet available – enough for 2 G5RV's. Tom VE3MAH

Free: (to club members) Cushcraft A3S TriBand beam. Needs new hardware. Tom VE3MAH

Free: (to club members) CDE AR-44 rotor unit only. Working when removed from VE3FC's tower.
Tom VE3MAH

Real Swap Sites:

KWARC Swap Shop -- one of the best around. <http://www.kwarc.org/swapshop/index.htm>

Maritime Swap Shop -- <http://www.ve1pjs.com/swap.html>

ONTARS Marketplace -- http://www.ontars.com/cgi-bin/classifieds/classifieds.cgi?session_key=&search_and_display_db_button=on&results_format=headlines&query=browse

Membership / Information update form: Membership in the Cambridge Amateur Radio Club is \$20 per calendar year. Please help the Treasurer by printing this page, filling in your information and giving it to him. If mailing, please use the address listed.

**Cambridge Amateur Radio Club
% Tom Franks Treasurer
264 Fearnwood Street
Cambridge, Ontario
N3C 3W9**

***First Name:** _____ ***Last Name:** _____ *** Call Sign:** _____

***Address:**

***Email Address:** _____ **Telephone Number:** _____

Full membership \$20 Renewal New Member
Associate member \$5 Renewal New

*required – your information will not be shared with third parties.