



March 2001

Quinte Amateur Radio Club Inc. Newsletter

PO Box 23039 BELLEVILLE Ontario K8P 5J3

NOTICE OF MEETING:

DATE / TIME: Wednesday, March 21 @ 7:30 PM

LOCATION: Loyalist College (Pioneer Building) **Room P-17**

PROGRAM: The history of Classic Collins Radios by Peter Lower VE3KWM.

Club Repeater: VE3QAR 146.985 MHz. 2 meter net: Wednesday 7:00 PM

QARC HomePage <http://www.qarc.on.ca>

QARC HomePage <http://www.qarc.on.ca/> provided free of charge by:

Lakeshore Internet Services, 199 Front St, Suite 113

Belleville K8N 5H5 (613) 962-9299

Monthly Meetings: 3rd Wednesday 7:30 PM Loyalist College
(Pioneer Bldg.) Room P-17

Hams 'n Eggs: SATURDAYS 8:00 AM Northway Restaurant 205 N. Front St

Foxhunt: Sunday at 2:00 PM. check in on VE3QAR for details.

RADIO AMATEURS OF CANADA ADDRESS:

Radio Amateurs of Canada Administrative Office 720 Belfast Road, Suite 217
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Phone: (613) 244-4367 **Fax:** (613) 244-4369. **E-mail:** rachq@rac.ca

QARC EXECUTIVE

PRESIDENT: Peter Hodgson VA3PKH 962-1386 (E-mail: va3pkh@rac.ca)

VICE-PRESIDENT: Bill Milligan VA3WOW (E-mail va3wow@rac.ca)

SECRETARY: Tim Pekkonen VE3UO 969-8012 (E-mail ve3uo@rac.ca)

TREASURER: Don Dalrymple VE3DQN 968-9242 (E-mail: ve3dqn@rac.ca)

PAST PRESIDENT: Dave Ackerman VE3UGT 962-3991 (E-mail: ve3ugt@rac.ca)

Minutes QARC Meeting Feb 21, 2001

Executives Present:

President: Peter Hodgson VA3PKH

Vice President: Bill Milligan VA3WOW

Secretary: Tim Pekkonen VE3UO

Past President: Dave Ackerman VE3UGT

Meeting called to order by President Peter VA3PKH at 7:30 PM.

Guest Speaker: Syd Horne VE3EGO gave a talk on propagation and his personal experiences of his ham career with various antenna systems, including moving a self-supporting tower and concrete base! (We want to see some photos, Syd!)

Business:

Motion to accept minutes of January meeting as published - VE3IVC (second: VE3DOM) CARRIED. Bill Crabbe estate is being looked after by Ted King VE3FUL. A listing of Bill's equipment is at Ted's website - <http://www.lks.net/~tking/ve3ful.htm>. Ron VE3IVC also has a FT-101 and IC-730 for sale.

QARC Net: was discussed as it has seen faltering check-ins lately. It was suggested moving it to Thursdays as we miss one night per month because of the QARC meeting and the Tri-County net is immediately after our net on Wednesdays.

VE3QAR Re-location: The CBC tower appears to be dead in the water. We have a lead on the TAS tower on Oak Hill but it would cost a monthly fee (\$50) to reside on the tower.

Apparently there was an offer on Bell Canada facilities years ago, with no action taken then.

Members in Attendance:

Dave Ackerman	VE3UGT	Alan Davis	VE3H NJ
Ron Chapman	VE3IVC	Lee McMurter	VA3LHM
Dave McClenaghan	VE3DOM	Bill Workman	VE3KWT
Al Smardon	VE3OX	Tim Pekkonen	VE3UO
Bill Milligan	VA3WOW	Peter Hodgson	VA3PKH
Peter Lower	VE3KWM	Norm Moore	VE3NFD
Dave Scarlett	VE3KZD	Pat Kovac	VE3KJP
Gerry Wilkins	VE3APF	Harold Quinn	VE3HNQ
Marlene Reid	VE3HBR	Eric Reid	VE3GSI
Ralph Ackerman	VE3CSU	Dick Hayes	VE3EER

Transatlantic QSO At 136 kHz

On February 19th Laurence Mayhead, G3AQC and Larry Kayser, VA3LK completed a transatlantic QSO between the UK and Eastern Ontario on 136 kHz. The QSO began February 5th and was completed on February 19th with the reception of VA3LK's report by G3AQC. The QSO was made using a visual adaptation of Morse, and using the visual signal receiving program ARGO. The dits were 90 seconds long, the dashes 180 seconds long. Both stations used homebrew transmitters and a mix of commercial and homebrew receiving equipment. At these frequencies a wavelength is about 2200 metres long. The effective radiated power at G3AQC was in the order of 350 milliwatts. To learn more about Amateur Radio on LF, got to the RAC website at <http://www.rac.ca/infodx.htm>

QSO with the International Space Station

A dozen youngsters at Merivale Public School in Ottawa, Ontario, this week became the first Canadian students to speak with Space Station Alpha Commander William "Shep" Shepherd, KD5GSL, operating from space as NA1SS. The successful Amateur Radio on the International Space Station--or ARISS--school contact February 22 likely will be the last for the Expedition 1 crew. Amateur Radio coordinator Steve McFarlane, VE3TBD, worked in concert with his wife, Lori--a teacher at the school--to make the contact a reality. Lori McFarlane has been working with youngsters at the school for several weeks in anticipation of the ARISS QSO. After a few unsuccessful calls, VE3TBD raised NA1SS on the ARISS backup frequency. Youngsters asked Shepherd about trash disposal and recycling aboard the ISS, procedures for dealing with a sick crewmember, and what the crew does for exercise. One fourth grader wondered why building a space station was necessary, given problems with pollution and poverty on Earth. Shepherd had a ready reply. "We live on a planet that's really kind of an island, and it's not going to last forever," he said. Shepherd said he thinks humans probably will one day need to "go places other than Earth" and that the ISS made possible the research needed to do that. Shepherd said the crewmembers all missed their families and friends but he said he gets to talk to his wife via Amateur Radio "every couple of days." He also said he has photos and videos of his family aboard. Responding to another student's question, Shepherd said the crew had exercise equipment aboard, and that exercising was considered essential.

Near the conclusion of the contact, the students on hand hollered "73, Commander Shepherd!" in unison. Looking on in addition to other students and teachers were TV and newspaper reporters. The Merivale ARISS contact probably will be the last school QSO for the current crew of Shepherd, Yuri Gidzenko, and Sergei Krikalev, U5MIR. ARISS spokesman Will Marchant, KC6ROL, said he expects it will be sometime in late March--after the Expedition 2 crew arrives--before ARISS school contacts can resume. Amateurs in Ontario were able to copy ISS during the 11-minute pass on 145.8 MHz.

Ontario Section Newsletter

1. World Amateur Radio Day set for April 18:

The Administrative Council of the International Amateur Radio Union has selected the theme "Providing Disaster Communications: Amateur Radio in the 21st Century" for World Amateur Radio Day, April 18, 2001. IARU has been the watchdog and spokesman for the world Amateur Radio community since its founding in Paris, France, in 1925. Hiram Percy Maxim, 1AW, was its first president. In a related item, the International Telecommunication Union has approved publication of the Disaster Communications Handbook for Developing Countries. The role of the Amateur Radio service in disaster communications is one of the main points of the Handbook. IARU is the principal contributor to the Handbook. This event will coincide with the 76th anniversary of the founding of the IARU.--Fred Johnson ZL2AMJ/IARU Region 3

(ARRL Letter)

2. AMSAT reports that the sun began triggering AO-40's sun sensor as the satellite emerged from Earth's shadow on orbit 147. The news has boosted ground controllers' optimism that they might be able to regain control over the satellite's spin rate and attitude sooner than had been predicted. AMSAT-DL's Peter Guelzow, DB2OS, said this week that as soon as the sensor unit delivers good sun sensor data, controllers will be able to reduce AO-40's spin and make it easier to adjust attitude. "This also will lead to an improvement in reception of the S-Band telemetry," he said. For more information, visit the AMSAT-NA Web site, <http://www.amsat.org>.

(ARRL Letter)

3. ARRL seeks articles for Antenna Compendium: ARRL is looking for original, unpublished articles for the next volume of the extremely popular book series The ARRL Antenna Compendium. Articles should be about antennas, propagation, transmission lines, antenna tuners, towers--anything dealing with antennas! Submit articles to Dean Straw, N6BV, c/o ARRL HQ, 225 Main St, Newington, CT 06111.

(ARRL Letter)

4. New Use for Old Ham Radio Magazines:

Don't throw out those old copies of your favorite ham radio magazine. Here is a simple idea to give more community awareness of electronics and radio hobbies. Ever been to the doctor, dentist or hairdresser only to find the magazines in the waiting room of no interest? Next time you go, take a couple of your old hobby magazines that you don't want any more and leave them behind!

(The Monitor, Brantford ARC)

Industry Canada Examination Software

Industry Canada has introduced software which will aid those studying for their Basic or Advanced Licenses. Accredited Examiners will be able to use this software for administering exams. These tests are based on the revised RIC-7 and RIC-8. This is a good study aid and a good review for those that are already licensed.

The link to download the software is:

<http://strategis.ic.gc.ca/SSG/sf05378e.html>

REG VARCOE Award:

The following are the Rules and Guidelines for the Reg Varcoe Award:

- a) This award was instituted by Mr. Reg Varcoe VE3RR (in 1961) to encourage Amateurs to take part in emergency work, experimenting, or any other activity that will add to the prestige and pleasure of the Amateur Radio fraternity.
- b) The trophy is awarded annually covering the period ending June 30. It is awarded to the club member or associate member (including officers and directors) who, in the opinion of the membership, has made the greatest contribution to Amateur Radio in general or to the Quinte Amateur Radio Club.
- c) The trophy may be for outstanding work in any of the following:
 - Emergency service;
 - Assistance to members in obtaining their license;
 - Pioneering work on unused frequencies or new techniques;
 - Traffic handling;
 - Or any other outstanding Amateur Radio activity or service to the community.
- d) The award shall be a plaque to which a tab shall be added each year showing the name of the winner, his callsign and the year. The winner may keep the plaque for one year. In addition to the plaque, there will be a subscription for one year to an Amateur publication as selected by the Executive. This subscription will be paid for by the Reg Varcoe Fund.
- e) Nominations will be submitted in writing to the Executive, stating the reasons for nomination, and signed by two members or associate members, including officers and directors, of the Club. The winner shall be decided by a ballot of the members present at the May Meeting of the QARC.

For Sale

By Jim Chalk VE3UCH Belleville Phone 967 3978
20 Amp Ampex (Radio Shack) power supply. \$100.00
20 Amp Astron power supply. \$75.00
2 Metre plumber delight home built antenna. \$25.00
2 Metre 5/8 Mag mount Antenna. \$25.00
2 Metre Radio Shack Mobile 45 watt Transceiver. \$150.00
386 computer with colour monitor. \$25.00

By VA3YID - Hugh Mansley in Campbellford Phone: (705) 653-0913
TS-520 HF Transceiver - excellent condition \$300 firm - mic & manual included

Treasurers Report

MONTH TO DATE

Revenue		Expenses	
Membership Dues	\$200.00	Bank charges	\$0.00
Coffee	\$7.85	Office Supplies	\$30.17
50/50 Draw	\$0.00	Door Prizes	\$0.00
Donations To QARC	\$0.00	News letter printing	\$28.24
Interest	\$0.75	Insurance	\$0.00
		Awards	\$0.00
Total revenue	\$208.60	Total Expenses	\$58.41
		Month to Date Income	\$150.19

YEAR TO DATE

Revenue		Expenses	
Membership Dues	\$1,000.00	Social Events	\$9.00
Donations To Club	\$57.50	Post box rental	\$77.04
50/50 Draw	\$15.00	Office supplies	\$208.54
Coffee	\$39.55	News letter printing	\$114.65
Repeater Move	\$0.00	Door Prizes	\$0.00
Interest	\$5.39	Insurance	\$432.00
		Donations	\$75.00
		RAC Membership	\$39.95
		Awards	\$0.00
Total revenue	\$1,117.44	Total Expenses	\$956.18
		Year to Date Income	\$161.26
	Cash on Hand		\$4,007.93

Elections

A reminder that May is election month. If anyone would like to be on the executive please contact Dave Ackerman at 962-3991 or ve3ugt@rac.ca

Field Day

Field Day 2001 is fast approaching. We hope to have another joint effort with Tri-county ARC with possibly Prince Edward Radio Club joining in also. If anyone would like to help organize or has any ideas please contact any of the executive of either club.

A Little Humor

Boudreaux went into the fish market to apply for a job. The boss thought to himself - I'm not hiring that lazy Cajun, so he decided to set a test for Boudreaux hoping he wouldn't be able to answer the questions and he'd be able to refuse him the job without getting into an argument. The first question was, "Without using numbers, represent the number 9." Boudreaux says, "Dat's easy" and proceeds to draw three trees. The boss says, "What in the world is that?" Boudreaux says, "Tree 'n tree 'n tree makes nine." "Fair enough" says the boss. "Second questions, same rules, but represent 99". Boudreaux stares into space for a while, then makes a smudge on each tree. "Der ya go sir," he says. The boss scratches his head and asks, "How on earth do you get that to represent 99?" Boudreaux answers, "Each tree is dirty now, so it's dirty tree 'n dirty tree 'n dirty tree - dat 99." The boss is getting worried he's going to have to hire Boudreaux so > he says, "All right, question number 3. Same rules again, but this > time represent the number 100." Boudreaux stares into space again, then he shouts, "I got it!" He makes a little mark at the base of each tree and says, "Der ya go sir - 100." The boss looks at Boudreaux's attempt and thinks, "Ha! got him this time." He then tells Boudreaux, "Go on, Boudreaux, you must be crazy if you think that represents a 100." Boudreaux leans forward and points to the little marks at the tree bases and says, "A little dog comes along and craps by each tree, so now ya got dirty tree an' a turd, dirty tree an' a turd, and dirty tree an' a turd, which makes 100. When do I start my job?"