



January 2001

Quinte Amateur Radio Club Inc. Newsletter

PO Box 23039 BELLEVILLE Ontario K8P 5J3

NOTICE OF MEETING:

DATE / TIME: Wednesday, January 17 @ 7:30 PM

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

PROGRAM: Our speaker this month will be Syd Horne VE3EGO. His subject will be propagation.

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:

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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 GENERAL MEETING

November 15 2000

Executives Present:

President: Peter Hodgson VA3PKH

Vice President: Bill Milligan VA3WOW

Secretary: Tim Pekkonen VE3UO

Treasurer: Don Dalrymple VE3DQN

Past President: Dave Ackerman VE3UGT

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

Guest Speaker: Lee McMurter VA3LHM on his visit to the Radio Canada International Website at Sackville New Brunswick this past summer. He gave a very interesting talk and also showed slides and diagrams to illustrate his talk. Lee also gave a short presentation about his home brewed alternator connected to a 5-hp gas engine.

Brian Credico VE3GRA also gave a short presentation on a home brew (based on a web site) 2 element beam used for foxhunting. This beam uses 'tape measure' elements and dimensions are: driven element 18 5/8 " per side (37.5" total length); director: 37 1/8" total length. There is 4" separation between elements.

Door prize donated by Don VE3UHO won by Bill VE3CUK.

Business:

- Halloween Safe Streets went well and no major incidents reported.
- We have received a few QSL card from JOTA (satellite contact) and Field Day. Peter VA3PKH will send return QSL's on behalf of the club.
- Reminder of Christmas dinner Wed Dec 13 at 7:00 PM Northway Restaurant in Belleville. RSVP to Don VE3DQN by Nov 30.
- Repeater: status quo.
- Door prizes at meetings: Past President Dave VE3UGT suggested a new proposal that slightly better quality new items be purchased and that ALL members be eligible in the draw for the item, but you must be present at the meeting in order to win the prize. If the member drawn is not present then the prize is not awarded and repeat the process next month.
- Like to talk?? We are always looking for speakers at our meetings; and ideas for club activities and tours. One suggestion was to tour the Canadian Forces Receiver site at Carrying Place.
- The 50/50 draw was won by Dave VE3UGT (\$6.50)
- Meeting Adjourned.

MEMBERS and GUESTS PRESENT:

Al Taylor	VE3WV	Al Smardon	VE3OX
Paul Davidson	VE3UUM	Joe Davidson	VA3JAD
Peter Hodgson	VA3PKH	Lee McMurter	VA3LHM
Tim Pekkonen	VE3UO	Gary Raine	VE3ENF

Ralph Ackerman	VE3CSU	Dave Ackerman	VE3UGT
Jim Ballard	VE3GBJ	Hayward Moores	VE3BAM
Don Shears	VE3UHO	Gerry Wilkins	VE3APF
Brian Credico	VE3GRA	Harold Quinn	VE3HNP
Eric Reid	VE3GSI	George Boyd	N4NIV
Bill Crabbe	VE3CUK	Hermann Harms	VA3VHH
Greg Schatzmann	VE3GJS	Peter Lower	VE3KWM
Don Dalrymple	VE3DQN	Owen Clark	VA3ORC
Bill Milligan	VA3WOW		

Bill Crabbe VE3CUK

From The Ottawa Citizen

Dick and Bill lived for each other. Brothers killed in plane crash died doing what they loved. As small boys, with the Second World War raging overseas, the Crabbe brothers would sit quietly at the kitchen table of their parents' small, wooden home in Manitoulin Island, assembling model airplanes and dreaming of taking to the skies. It would be how they lived -- later building real planes, and flying them thousands of miles together. And it would be how they died, engaged in a passion that had consumed their lives, falling out of a clear sky in Hull, as heroes. Knowing death was imminent, the Crabbe brothers avoided crashing into a church, a day-care centre, an apartment building, a high school and the many houses lining one of Hull's busiest streets.

Around 3 p.m. Thursday, in a two-seat plane they had built together two years ago, Richard "Dick" Crabbe, 66, and his brother Bill Crabbe, 67, took off from the Rockcliffe Flying Club in Ottawa. It was to be a short flight to a landing strip in Belleville, where Bill's common-law wife, Lucy, waited. Their trusty, single-engine Zodiac 601 carried them over the Ottawa River. Then it failed them. As the silver plane descended into a densely populated region of Hull, all the experienced pilots could do was avoid killing those on the ground.

Their last act was a success. They hit an empty Sacre Coeur Boulevard about 3:02 p.m., an hour before the rush hour. The small plane instantly disintegrated around them as it skidded along the asphalt. The impact killed the brothers instantly. What was left of the aircraft exploded when it stopped, crumpled beyond recognition, on the front lawn of a large printing company. Other than the road, the only object they hit was the front end of an empty, parked station wagon.

Police called it "a miracle" no one on the ground was killed. It was not as surprising for those who knew the Crabbe brothers, both described as noble spirits, brilliant minds and skilled airmen.

Around 9 p.m. Thursday, their baby sister, Dorothy Fraser, answered the phone in her Cambridge home. It was the Hull police. They had found her name and number in one of her brothers' wallets at the crash scene. "They said there had been a terrible accident and that both my brothers were dead," Mrs. Fraser, 58, said yesterday. "They still hadn't been able to reach (Bill's wife) Lucy. All the police are able to tell us right now is that there was a mechanical problem with the plane. "Dick and Bill lived life for each other," Mrs.

Fraser said. "They were the best of friends, and they died together, in a plane." "They were great men," said their other sister, Marion Hopkins, of Calgary. "Their dream was to fly across the Pacific together in the coming years."

The boys were born a year apart in the family's home in the village of Little Current, Manitoulin Island, Ont. Sons of a freight-master and a teacher, the brothers' mutual passion for planes and science became evident early on. They would spend hours at the kitchen table, gluing model airplanes together and run around the home, pretending to fly. Their mother, the late Kathleen Lavina Shields, would gently scold them when they spilled glue on her kitchen table.

In 1948, the brothers and their two little sisters, Marion and Dorothy, moved with their parents to Deseronto, east of Belleville, when their father, the late William Barker Crabbe, accepted a job transfer. Their father, who had a long career with Canadian Pacific Railway, lived until he was 101.

The brothers both went on to study at Queen's University in Kingston, and put themselves through school with scholarships and part-time jobs. Bill, whose passion for planes was only matched by his love of radios, earned a bachelor's degree in electrical engineering. He later went on to obtain a master's degree and then started his career as a teacher of math and science, first at a Brockville high school, then at Royal Military College in Kingston, and finally at the Loyalist Community College in Belleville, where he stayed until retiring about 15 years ago.

Dick earned a master's degree in aeronautical engineering at Queen's before moving on to earn his doctorate at McGill University in Montreal.

The pinnacle of their flying careers was their trans-Atlantic flight about 10 years ago. Their summer adventure, aboard a single-engine Cessna, took them from Ottawa to Goose Bay to Gander to Reykjavik, Iceland to Edinburgh, Scotland and to their final destination, London, England.

Last month, Dick retired from a distinguished 39-year career at the National Research Council. He dedicated his final working days to researching the Dryden air crash, an accident in which ice on the wings caused an Air Ontario Fokker F-28 to crash, killing 24. That he, too, ended up dying in an air crash is an irony not lost on his NRC colleagues, who threw him a party when he retired just three weeks ago. "When we had his little sendoff there were people, who hadn't seen him for 20 years who showed up to wish him well," said Joe Templin, director of the aerodynamics laboratory where Dick worked as a research officer. While Mr. Templin said Dick was productive until the end, he had been suffering from Alzheimer's, and was hospitalized for several days last month when he was struck by a truck while riding his bicycle in the Byward Market.

After his release from hospital, Dick, a bachelor his whole life moved out of his Boteler Street apartment, and into the Bridge Street Retirement Residence in Belleville, so he could be closer to his older, retired brother, Bill.

Bill lived on a rural road with his wife in Stirling, near Kingston. He had an equally distinguished career as an instructor and engineering consultant.

On Monday, the brothers boarded a coach for Ottawa. Dick was due at a Civil Aviation Tribunal the next day over a flying incident in which he had allegedly failed to report to flying authorities when he flew into a controlled air space. The brothers stayed with their cousin, Gerald Myles, in Ottawa. They had originally planned to return to Belleville on Wednesday, but poor weather forced them to postpone their trip for a day.

"We were reminiscing about the good ol' days," Mr. Myles said. The brothers were the most "humble, unassuming" brothers you'd ever meet, said Mr. Myles, but you'd never mistake their passion for the skies. On Wednesday evening, Mr. Myles cooked dinner for his two cousins. As they dined, the three reminisced some more.

On Thursday morning, Mr. Myles wished his two cousins a good trip, and told them he'd drop by to see them in Stirling in a couple of weeks. Later that day, at about 3 p.m., Rockcliffe Flying Club dispatcher Calvin McKerral saw the brothers in the pilot's lounge, waiting to get their plane fuelled up. "I told (Dick) to have a good flight. He said, 'Thanks.' " At 4 p.m. Mr. Myles was in his car when he heard a report over the radio of a fatal small plane crash in Hull. "I had an inkling (that it might be them)," Mr. Myles recalled. When he returned home, he called the Rockcliffe Flying Club. A staff member told him the brothers had not arrived in Stirling. He called the Hull police, but they could not confirm anything. Heart racing now, he called Bill's wife, Lucy. She told him that she had waited at the airport for 1 1/2 hours, but they had not returned. "They were just good ol' Canadian boys with a passion for flying," said Mr. Myles.

Once the autopsies are completed in Montreal, the family will hold a funeral service at the Stirling Funeral Chapel, 87 James St., in Stirling.

The Transportation Safety Board has started examining the doomed plane's engine and structure. Investigators obtained the aircraft's maintenance record and tested the fuel he received at the club that day and checked the instruments from the plane. They still don't know who was flying the plane because both were licensed pilots and the plane had dual controls.

Amateur Radio Emergency Communication Course.

Dan Miller, K3UFG (ARRL Letter)

The ARRL Certification and Continuing Education Pilot Project's first offering is closer to completion. Since March 2000, a dedicated crew of volunteers has been working together to produce a basic level introductory course in emergency communications. The course will provide a basic standard of training for everyone, regardless of their geographic location or education level. This first-ever ARRL continuing education course will initially be available as an on-line course, offering a certificate and ID card for each student whom successfully completes each part. The first course, which comprises Level I, Introduction to Emergency Communications is made up of Parts 1, 2 and 3. Future courses, Level II, NCS and Liaison Training, and Level III, Emergency Communications Management/ Administration Issues, will be available in 2001. More details about Level I, Introduction to Emergency Communications, will be released as the course nears completion.

1st Annual Beaveree on the Air

Submitted by: Peter Hodgson VA3PKH

On the evening of November 20 2000 four colonies of Beavers, located in Belleville, Thurlow, and Campbellford Ontario, participated in what was named "The First Annual Beaveree on the Air"

Beavers are the youngest members of Scouts Canada ranging in age from 5 to 8 years old. Members of the Quinte Amateur Radio Club, and the Tri County Amateur Radio Club set up portable 2m stations at the four meeting locations, and used the VE3KFR repeater located in Campbellford and the VE3QAR repeater in Belleville for communication.

A total of about 60 Beavers were given a short explanation of Amateur Radio, and then filled out printed certificates containing spaces for their name, age, colony name, and favorite colour.

The certificates had an equal space for entering the replies from their contacts in the other groups. We did encounter a few "mike shy" Beavers but fortunately their leaders were able to take the mike and help them complete their contacts. Special thanks to Gail Farr "Tik Tak" at 5th Belleville who came up with the original idea, and asked us to help, and all the other Leader's who made the event possible.

The Radio operators who made it happen were:

Dick Maki VA3ZZ who operated from 1st Campbellford

Dave Ward VE3BIP who operated from 1st Thurlow

Tim Pekkonen VE3UO who operated from 18th Belleville

Peter Hodgson VA3PKH who operated from 5th Belleville

Move the QARC Weekly Net?

A recent poll of the QARC eGroup regarding the weekly net on QAR yielded the following results: POLL QUESTION: Should the QARC Weekly Net be moved to another night, or stay on its current night?

CHOICES AND RESULTS: (7 votes total)

- Current night (Wednesday at 7:00 PM), 2 votes, 28.57%
- Thursday at 7:00 PM, 3 votes, 42.86%
- Thursday at 9:00 PM, 1 votes, 14.29%
- Sunday at 7:30 PM, 0 votes, 0.00%
- Sunday at 9:00 PM, 1 votes, 14.29%
- Another date and time, 0 votes, 0.00%

While this result is hardly reflective of the views of the majority of club members, it does indicate that we should solicit your opinion. The weekly net has had anemic checkins certain weeks in the past few months. The Executive would like to ask your opinion and suggestions as to what we can do to encourage more checkins every week, and to make it more useful for the club.

Please offer your opinion to any of the Executive: Should the net be moved to another night? What can be done to make it more useful? Also, if you are interested in being a net controller (regularly or occasionally), or would like to be the Net "Manager" please contact the Executive.

CLUB VHF/UHF Wattmeter

The club now has a MFJ VHF /UHF wattmeter available for use by its members. It was originally owned by Al VE3OX who put it up for sale and donated the proceeds of the sale to club funds. The wattmeter was 'purchased' by Tim VE3UO, who decided to donate it to the club for use by the membership.

In order to ensure that the meter gets returned after it has been borrowed, it is suggested that a modest deposit of \$10 be given to the club which will be returned when the wattmeter is returned. In this way it is hoped that it won't end up on somebody's shelf! If you are interested in borrowing the meter to test your VHF/UHF radios and antennas, contact any member of the Executive.

The wattmeter is a MFJ-817 rated at 200 watts and has two scales 0-20 watts and 0-200 watts.

Ontario QSO Party

The Ontario QSO Party, Canada's third largest amateur radio contest will be shifting from the last weekend of April to the third full weekend of April starting in 2001. So, the 5th Annual Ontario QSO Party will take place from starting at 1800 UTC on Saturday, April 21st to 1800 UTC on Sunday, April 22nd, 2001.

We would very much appreciate you passing this along to your club members via your newsletters, club nets, meetings etc.

For further information you can visit the Ontario QSO Party section of the ODXA website at <http://www.odxa.on.ca/oqphome.htm> Also, there is an Ontario QSO Party e-mail reflector that any ham can join by sending a "blank" e-mail to oqp-subscribe@egroups.com.

Illegal cordless phones

(Jim Linton VK3PC, President, WIA Victoria)

Long range cordless telephones made in China that operate illegally on VHF frequencies including the amateur 2-metre band and television channels have appeared in a number of countries. The handsets of one of these units found in Melbourne Australia looks very similar to the popular Nokia cellular phones except that it had a telescopic antenna. Among the at least eight models produced by Nowa International Ltd. are those branded "Sony" and "Nokia", although it is believed they may not be associated with either the Nokia or Sony companies. Among the standard accessories for some of the units are car chargers and handfree operation, making them easily useable in a car.

The multi-featured units that claim to have a range of up to 20kms include facilities commonly found on mobile phones - LED displays, selection of ringing tones, memory dialing, low battery indicator, telephone call time, and alarm clock.

Their base stations put out 12 watts of RF and include an external antenna that can be mounted on the roof of a building to extend their range. Nowa International Ltd is

marketing its product overseas as being "Not only cordless phone but Walky Talky" (sic).

The Australian Communications Authority (ACA) has told the WIA Victoria it had recently found five of the units operating in various parts of the country and confiscated each of them under the provisions of Radio communications Act.

The ACA said more are expected to be found as they are being brought into the country by people returning after travelling overseas on holiday or business trips.

It was alerted to one of them in the inner Melbourne suburb of Richmond after two radio amateurs, Steven VK3TSW and Tony VK3JED, tracked a signal coming from a shop.

The signal had been causing interference to an amateur 2-metre repeater operated by the emergency communications group WICEN Victoria some 30 kms away from the cordless phone.

The ACA told WIA Victoria it had tested the particularly unit and confirmed it was operating 5kHz below the input frequency of the repeater, and the handset used 226.45MHz which is Australian UHF TV channel 12.

Unsuspecting buyers of the cordless telephones in Australia not only face confiscation and possible prosecution for their use, but it seems the units be useless in many areas with the start this month of digital TV on channel 12.

Many more of these units have already appeared in India where they are also illegal and causing severe interference to amateur repeaters, amateur satellites and other radio services. Indian press reports said the units operate between 140 and 180MHz, although the units in Australia had a much higher frequency limit.

The cordless phones are very popular in a number of Indo-China region countries that do not have much amateur radio activity or other radio services using VHF.

For Sale

The following items are for sale by Jim Chalk VE3UCH. Phone number 967 3978.

Radio Shack Pro 2045 scanner. 29 to 1200 MHz with encode. \$300.00

Radio Shack mag mount 2 metre, 5/8-wave antenna. \$25.00

D104 desk mike. \$30.00

Radio Shack 2 metre mobile radio. \$150.00

Radio Shack DX394 HF receiver with 160 memories. \$200.00

Speaker mike for Yaesu handheld. \$20.00

Treasurers Report MONTH TO DATE

Revenue		Expenses	
Membership Dues	\$75.00	Bank charges	\$0.00
Coffee	\$0.00	Office Supplies	\$42.75
50/50 Draw	\$0.00	Door Prizes	\$0.00
Donations To QARC	\$0.00	News letter printing	\$0.00
Interest	\$0.77	Insurance	\$0.00
		Awards	\$0.00
Total revenue	\$75.77	Total Expenses	\$42.75
		Month to Date Income	\$33.02

YEAR TO DATE

Revenue		Expenses	
Membership Dues	\$525.00	Social Events	\$9.00
Donations To Club	\$57.50	Post box rental	\$77.04
50/50 Draw	\$15.00	Office supplies	\$162.99
Coffee	\$16.95	News letter printing	\$58.90
Repeater Move	\$0.00	Door Prizes	\$0.00
Interest	\$3.86	Insurance	\$432.00
		Donations	\$75.00
		RAC Membership	\$39.95
		Awards	\$0.00
Total revenue	\$618.31	Total Expenses	\$854.88
		Year to Date Income	-\$236.57
	Cash on Hand		\$3,610.10