QUINTE QRM NEWSLETTER - MARCH 1999

PO Box 23039 BELLEVILLE Ontario K8P 5J3

NOTICE OF MEETING:

DATE / TIME: Wednesday, March 17,1999. @ 7:30 PM

LOCATION: Loyalist College(Pioneer Building)Room P-1

PROGRAM: Paul Adamthwaite VE3PSW will tell us about his many trips across the Atlantic Ocean in the famous racing vessel Stormy Weather.

Club Repeater: VE3QAR 146.985 MHz

Monthly Meetings: 3rd Wednesday 7:30 PM
Loyalist College (Pioneer Bldg)
Room P-1

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

QARC EXECUTIVE:

PRESIDENT: Dave Ackerman (e-mail: ve3ugt@blvl.igs.net)	VE3UGT	962-3991
VICE-PRESIDENT: Brian Credico (e-mail: credico@mercury.kosone.com)	VE3GRA	966-1546
SECRETARY:Peter Hodgson (e-mail: va3pkh@rac.ca)	VA3PKH	962-1386
TREASURER: Don Dalrymple (e-mail: ve3dqn@rac.ca - Packet BBS: VE3HQR)	VE3DQN	968-9242
PAST PRESIDENT: Dave Ward (e-mail: dward@kos.net)	VE3BIP	966-9982

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QARC HomePage http://www.qarc.on.ca
provided free of charge by:
Lakeshore Internet Services,
199 Front St, Suite 209, Belleville K8N 5H5
(613) 962-9299

The QARC HAM TRADE CENTRE is also accessible through our home page. If you would like to list an item send e-mail to: hamtrade@qarc.on.ca

QARC Meeting Minutes - February 17 1999

Executive Present :

President: Dave Ackerman: VE3UGT (from 8:30 p.m.)

Vice President: Brian Credico VE3GRA Secretary: Peter Hodgson VA3PKH

Past President: Dave Ward VE3BIP Treasurer: Don Dalrymple VE3DQN

Members in attendance:

Ron Chapman	VE3IVC	Joe Davidson	VA3JAD
Jeff Robbins	VE3JTR	Paul Davidson	VE3UUM
Scott Harns	VE3HZZ	Harold Quinn	VE3HNQ
Dave Scarlett	VE3KZD	John Hamelink	VE3VFB
Robert Rollins	VE3BIV	Jim Ballard	VE3GBJ
Leo Edwards	VA3MML	Bill Workman	VE3KWT
Mike Papper	VE3VMP	Alan Davis	VE3HNJ
Tim Pekkonen	VE3UO	Al Taylor	VE3WV
Jim Hodgson	SWL	Al Smardon	VE3OX
Len Brooker	VE3ASR	Harry McMurter	VA3HJM
Dave Vance	VA3DGV	Geo Elliot	VE3GTF
Hayward Moores	VE3BAM	Fred McDonald	VA3MC
Lee McMurter	VA3LHM	David Ward	VE3BIP
Owen Clarke	VA3ORC	Syd Horne	VE3EGO
Ralph Ackerman	VE3CSU	Dave Ackerman	VE3UGT

General Meeting:

The meeting was called to order at 7:28 p.m. by Vice President Brian VE3GRA

Guest Speakers: Brian VE3GRA introduced our guest speakers Gerry VE3APF and Jeff VE3JTR who gave a presentation on the Automatic Position Reporting System (APRS) . Gerry began by explaining the difference between this digital system and the older packet system. Packet radio uses fixed transmitters and TNC's on different frequencies, communicating with each other by link radios. APRS uses Transmitters and TNC's all operating on the same frequency (144.390 MHz for VHF). Strategically placed digipeaters relay the message from one location to another according to instructions in a path string loaded into the TNC. Gerry's digipeater VE3MHZ can relay messages to VE3DVQ in Lavant, VE3SSF in Peterborough, and WX3P in New
York State.

In addition to message relaying the system also relays position information, this is either programmed in to the software in the case of a base station, or sent to the computer from a GPS system in the case of a mobile unit.
Mobiles can then be tracked on screen. In the demonstration Gerry had his station in the Pioneer building VE3RL relay to Jeff's mobile in the parking lot VE3JTR and then the mobile relayed the signal to VE3MHZ, who forwarded the message to VE3BSB in the Ottawa area. The following web sites have live demonstrations of
Java APRS: http://www.canaprs.net or http:// www.map.aprs.net/.....
(insert callsign here e.g. ve3jtr)

Old Business : President Dave VE3UGT thanked our guest speakers and drew for the door prize, the winner was Don VE3DQN.

Dave then spoke about the plans for a special QARC Newsletter in April. This newsletter will be sent to Radio Amateurs who live within easy driving distance of Belleville. The object of this is to invite them to a special Open House meeting in April where the various special interest groups in the club will have displays i.e. Satellite communication, APRS & Packet, Foxhunting, Homebrew, SSTV, Kit Building. It is also the intention of the executive to survey the attendees to see if there is any interest in licence upgrading courses, such as the
advanced course, or C.W. ANY MEMBERS WHO WISH TO SUBMIT AN ARTICLE OR PUT ON A DISPLAY
SHOULD CONTACT VE3UGT OR ONE OF THE EXECUTIVE.

New Business: Dave VE3UGT spoke about the very active Foxhunting group, and informed those at the meeting that new hunters, new foxes, or any other interested members were welcome to come along on any Sunday afternoon or Thursday evening in the summer months.

The foxhunters are thinking about offering a club membership as a prize for any amateur who can act as a fox for a hunt and not be found by any of the hunters. The rules have not yet been set, but any prospective foxes can contact VE3UGT.

The executive has discussed field day, and due to the lack of interest last year, we would like to have a more family oriented day with a barbecue etc. and the emphasis on fun rather that high scores. We would not operate through the night unless enough operators volunteer ahead of time.

The fifty/fifty draw was won by Harold VE3HNQ.

There being no further business to conduct it was moved by VE3EGO and seconded by VE3APF that the meeting be adjourned 9:20 p.m..

TREASURERS REPORT:

Income: Jan 1,1999 to Jan 29,1999

Revenues:		Expenses:	
Membership dues	$125.00	Newsletter Printing	$24.67
50/50 draw	$8.00	Bank Charges	$4.50
Total Revenue:	$133.00	Total Expenses:	$24.67
Income:	$108.33		

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Income: Jul 1,1998 to Jan 29,1999

Revenues:		Expenses:	
Membership Dues	$550.00	Radio Course	$6.18
Directory Sales (disk)	$225.00	Nametags	$24.16
50/50 Draw	$17.61	Insurance	$432.00
Building Project	$90.00	Packet	$20.97
		Bank Charges	$38.52
		Postal Box Rental	$74.90
		Office Supplies	$165.29
		Social Events	$91.26
		Hall Rental	$8.56
		Donations	$75.00
		Newsletter Printing	$147.02
		RAC Membership	$39.95
Total Revenue:	$882.61	Total Expenses:	$1,123.81
Income:	-$241.20		

QARC MEMBERSHIP DUES

Just a reminder that membership dues are $25.00 per year. Your membership comes due at the end of the month that you originally joined in. For those who receive a printed copy of the newsletter the address on the envelope will tell you if your membership is about to or has expired. If it is highlighted in yellow they expire at the end of the month. If the address is highlighted in red you are past due. We haven't been able to figure out how to do this for those who receive the electronic version. If you are not sure when your dues are due please phone Don VE3DQN at 968-9242.

GOTA GUIDES ON THE AIR

On Saturday, February 20th, members of QARC operated a Guides On The Air (GOTA) station (using our Club Call VE3RL) for members of the Second Sidney Girl Guide Company. The Guides were on a winter camping expedition near Waupoos in Prince Edward County that weekend so we set up a field day style station. Fortunately, they have a modern heated building with commercial power available so it wasn't too rough!

The GOTA schedule was set up into four activities:

1) An H.F station VE3RL using the club's IC-735 and Cushcraft R7 vertical.

Contacts were as follows:

VE3OSC at the Ontario Science Centre in Toronto (on 40 metres)

VE9SJA in St John New Brunswick (on 20 metres)

VE3RCR in Kincardine, ON (on 40 metres)

Personal observations from Tim VE3UO:

The main buzzword used by 8 to 11 year old girls today is "cool!"

Favourite musical group: Spice Girls! (Was there any doubt?)

2) VHF, which consisted of groups of, guides chatting on 2m simplex with each other - typically one group with a handy talkie outside talking to a base station.

3) A morse code display where guides could practice sending CW.

4) A low power "micro" FM station, where guides could practice being disc jockeys.

The guides were split into our groups and typically spent about 20 minutes at each activity.

QARC members participating were:

Dave Ward VE3BIP and daughter Emily

Peter Hodgson VA3PKH and daughter Caroline

Tim Pekkonen VE3UO

If you want more information about GOTA and have World Wide Web access you can visit:
http://www.guidezone.skl.com/i_ha_index.htm

SUPER CITIES WALK FOR MULTIPLE SCLEROSIS

HELP NEEDED!!!

The club has been asked to supply communications, again, for the Super City walk for Multiple Sclerosis, which will be held on Sunday, May 30 1999. The organizers were very happy with our assistance and are looking forward to working with us again.
We will asking all the club members to come out and assist as a mobile unit or a base at the checkpoints. We will require about 8 or 10 units.

The walk will start at Moira Secondary School and there will be two groups. One will be walking the 5 K route and the other will be taking the 10K route. The walk will start at about 9 am and should be about 3 hours total time. There will be refreshments at the checkpoints and at the school.

Last year we found that the base station run by Don VE3DQN was able to contact everyone along the routes. It will be at Moira Secondary School. We will be using VE3QAR 146.985 for our communications and simplex freq. for auxiliary use.

Please let Ron Chapman VE3IVC (e-mail:rchap@bel.auracom.com)know if you will be available. Phone 966-2910 or check into the weekly net on Wed. night at 7 PM. Mobile and or hand held units will be suitable.

This is good practice for an ARES exercise !

VY0 NEW MULTIPLIER
(Taken from the RAC bulletin)

The new Canadian Territory of Nunavut, VY0, comes into effect on April 1, 1999. To reflect this new addition, Nunavut will become a separate multiplier in the two RAC Contests, commencing with the RAC Canada Day Contest on July 1, 1999.

FOXHUNT IN PICTON

The Sunday afternoon foxhunt will be held in Picton on March 21. Tim VE3UO will be the fox. He says he has a spot picked out that not even a four-legged hound could sniff out.
Check in on the QARC and PERC nets for more information.
Check in on VE3TJU 146.73 the day of the hunt.

VC3AF WILL BE ON THE AIR!

On the occasion of the 75th Anniversary of the Royal Canadian Air Force, the Trenton Amateur Radio Club has received permission from Industry Canada to operate Radio Station VC3AF during the weekend of June 12 and 13, 1999. This special event station will coincide with the CFB Trenton Air Show. In addition, Industry Canada has authorized Trenton area Amateurs to use the following prefixes during the month of June 1999.

VE3 calls may substitute CF3

VA3 calls may substitute VX3

During the RAC/ARRL Field Day, our club station will be active as CF3YTR!

CANADA'S LARGEST ! CANADA'S BEST ! (Durham Hamfest)
(submitted by: Laird Solomon VE3LKS)

A show for Amateur Radio, Scanner, Shortwave, and other communication enthusiasts.

April 17, 1999, 0900 - 1400

Metro East Trade Centre, just north of Hwy 401 on Brock Road.
Just 15 minutes east of Toronto.
Contact: Ian Smith, VE3ITG - ve3itg@rac.ca http://www.globalserve.com/~ismith

Over 40,000 sq. ft of contiguous show area. Lots of paved parking and wheel chair accessible. Bank machine and food court on-site. There is a lot for the family to do in the area as well. Being on the doorstep of Toronto you can visit many attractions including the world famous CN Tower (the largest freestanding tower...what an elevator ride), Skydome, musicals, theatre, Toronto Zoo, etc.

So, come for the weekend, take in the sites, and enjoy the Hamfest. There is a public fleamarket in the same building so your family can enjoy that while you are in picking up your radio treasures!

ITEMS FOR SALE

From John Bond VE3DXI

Package:
Kenwood TM-241A 144 MHz FM transceiver
Daiwa SWR and Pwr Meter Model NS-660PA
Daiwa DC Pwr Supply PS-120 $450

Power Supply 0-30 vdc, 0.5 amp current regulating $15

Power Supply 1.5-12 vdc, $15

Heathkit Audio Generator, 0-200 khz, model # 16-72 $20

Heathkit Freq Counter, to 30 Mhz model 1M 4100 $20

Heathkit digital multimeter (with manual) $10

Heathkit R-L-C Bridge Mod # 1B-5281 with manual $15

Heathkit R.F. Oscillator Mod # 1G-5280 $15

Heathkit oscilloscope (with manual) Mod #10-17 $15

Heathkit Transistor checker model IT-18 $10

Xtal Calibrator $15

Home brew Freq counter, 0-100 MHz $15

Home brew Battery Charger $5

Home brew Grid Dip meter (with coils) $15

Realistic C.B. "Navaho" base unit $20

Decade Box 0-100 k $5

Decade Box 10 ohm - 10k ohm $5

1 ohm reference 0.001 % $2

Archer Rf Modulator Ch 3 & 4 $10

Archer Amplified Video Selector $15

Simpson multimeter $10

Phillips TV Convertor $n/c

Micronta digital multimeter $30

Teac A-3340S 4 channel simulated sync. Professional Model $200

Special effects Generator (Leslie Simulator) with manual $20

POWER TOOLS:
Black & Decker Palm Sander 7443-04 $50

Black & Decker variable speed scroll saw $45

Black & Decker mod 3310 router 1.5 hp $60

Two Black & Decker variable speed reversible drills $20(ea)

Craftsman 3/8 cordless ratchet driver mod 315.222900 $50

Craftsman 4" Belt sander 315-242900 $75

Sears angle grinder 4 1/2" 10,000rpm $50

W.R.Brown Spray gun Mod 131A $40

Benchmark Electric Planer mod # 1260-156 (excellent condition) $55

CONTACT: John Bond VE3DXI at 705-639-5270 (Norwood, Ontario)

NOTE: The above items are also listed on the QARC Hamtrade Centre
http://www.qarc.on.ca/hamtrade/

ITEMS FOR SALE from Clayton Langevin VE3IVE

Kenwood TS-30 HF rig - 80-10 metres with manual $500

Hygain H.F. vertical antenna 80-10 metres $20

Kenwood TR-7800 2m FM xcvr $100

Motorola spectrum 5/8 2m antenna (mag mount) $75

12 volt 20 amp commercial power supply $90

12 volt 16 amp commercial power supply $60

12 volt 3 amp commercial power supply (quantity:3) $20(ea)

2 meter beam - 11 element (Cushcraft?) $20

80-40 metre trapped dipole antenna & balun $25

Compaq 386 computer, monitor, dot matrix printer & desk $175

Rotor - BRAND NEW STILL IN BOX - light duty & 100'cable $85

Midland 6 meter mobile radio EPROM programmable
Ready to go on 6 meters! $150

Midland 6 meter mobile radio EPROM programmable
Same as above but requires programming. $100

Pye "Westminster" VHF radio - 10 watts -
convertable to 6 metres $15

Pye 15 watt 6 meter radio - xtal controlled - 52.525 MHz $35

6 meter mobile antenna NMO mount (quantity:3) $60(ea)

Exelite Electronic Technician tool kit (in briefcase) $300

Telwave SWR/Power meter 5-150 watts
covers from 20 MHz-1 Ghz (with case) $500

Transistor tester (Suncore?) $30

Vacuum tube tester (Suncore?) $30

Heathkit VTVM $10

Heathkit audio generator sine/square wave $35

Heathkit audio distortion analyzer (with manual) $30

Heathkit Capacitance tester $25

Heathkit signal tracer $20

Bearcat Scanner - 50 channel programmable $15

CONTACT: Clayton Langevin VE3IVE at 613-969-5578 (Belleville, Ontario)

NOTE: The above items are also listed on the QARC Hamtrade Centre
http://www.qarc.on.ca/hamtrade/

WANTED !

A reward of 5,000 MICROFARADS is offered for information leading to the arrest of hop-a-long CAPACITY. This UNRECTIFIED criminal escaped from a WESTON PRIMARY CELL where he had been clapped in IONS. He is CHARGED with the INDUCTION of an 18 TURN COIL named MILLIE HENRY, who was found, CHOKED and is a POTENTIAL killer. He is also accused of driving a D.C. MOTOR over the WHEATSTONE BRIDGE and refusing to let the BAND PASS. The ELECTROMOTIVE FORCE spent the night searching for him in a MAGNETIC FIELD where he had
gone to EARTH. They had no success and now believe that he has returned OHM via a SHORT CIRCUIT. He was last seen with a friend EDDY CURRENT, riding a KILOCYCLE. EDDY was playing a HARMONIC.

CHARGES against him are filed under OHMS LAW.

QARC Newsletter is edited by Dave Ackerman VE3UGT . (ve3ugt@blvl.igs.net)
Your articles and contributions are welcome !

END QUINTE QRM NEWSLETTER - March 1999.