Q R M

January 2005

Quinte Amateur Radio Club Inc. Newsletter

PO Box 23039 BELLEVILLE Ontario K8P 5J3

NOTICE OF MEETING:

DATE / TIME: **JAN 19, 2005 @7:30PM**

LOCATION: Loyalist College (Pioneer Building) Room P-2

PROGRAM: Eric VE3GSI on RTTY contesting.

Club Repeater: VE3QAR 146.985 MHz.
2 meter net: Tuesday 7:30 PM on VE3TJU 146.730
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 Quinte Restaurant 135 Cannifton Road

RADIO AMATEURS OF CANADA ADDRESS:
Radio Amateurs of Canada Administrative Office 720 Belfast Road, Suite 217
Ottawa, Ontario K1G 0Z5
Phone: (613) 244-4367 **Fax:** (613) 244-4369.
E-mail: rachq@rac.ca

QARC EXECUTIVE

PRESIDENT: Mike Papper VE3VMP 969-1744 (ve3vmp@sympatico.ca.)
VICE-PRESIDENT: Greg Schatzmann VE3CH
SECRETARY: Tim Pekkonen VE3UO 969 8012 (ve3uo@rac.ca)
CO-TREASURERS: Don Dalrymple VE3DQN 968-9242 (E-mail: ve3dqn@rac.ca)
And Bill Milligan VA3WOW (E-mail va3wow@rac.ca)
PAST PRESIDENT: Peter Hodgson VE3UR 962-1386 (E-mail: phodgson@kos.ca)

QARC Minutes for Meeting November 2004

There was no formal meeting for December and no newsletter published.
Tim, VE3UO Secretary, QARC
Meeting called to order by President Mike VE3VMP at 7:31 PM (The one minute delay was because Mike was looking to something to use as a gavel.)
Mike introduced and welcomed several members of the Trenton ARC in attendance for the ARES presentation: Peter VA3PA, Eric VA3EG, Don VE3IVS, Rob VE3UZL, and Bob VA3SLO. Also welcomed Morris VA3MEM from TriCounty ARC.
Business:
Christmas Dinners: PERC Sat Dec 4 at Prince Edward Yacht Club in Picton. Contact Doug VE3ZDG.
QARC Wed Dec 15 at Kelseys North Front St in Belleville. Contact Mike VE3VMP. (No December meeting at Loyalist - next meeting Jan 19/2005.
Basic Radio Course: Meeting of instructors to be called in the near future. Target first day is to be Thurs Jan 13. The course will be held Tuesadys and Thursdays with the exception of the second Tuesday, which is the regular TARC meeting night. Mike has contacted some people who have previously expressed an interest in getting their license, but is still looking for more students. Mike also to contact RAC about Study Guides and Guides for Instructors.
Ham Radio Auction: Bob VA3SLO mentioned that Trenton ARC is looking at holding an auction this winter and is looking for suitable venues. Anyone with suggestions to contact Bob VA3SLO. Also discussed the possibility of holding it in Brighton (as was done previously), somewhere at Loyalist, or the Bloomfield Town Hall.
50/50 Draw won by George VE3YD who pocketed 22 'Green Stamps' (or maybe it was 22 loonies??)
SPEAKERS:
Bill VA3WOW gave a presentation on the newly created Trent District ARES structure, which is mirroring the Ontario EMO Districts in Ontario. (Bill is the District Emergency Coordinator for Trent.) Website: **http://tcarc.ca/TDARES/index.html.** The Ontario ARES WEbsite is: **http://www.racaresontario.ca/.**
Peter VE3UR gave a presentation on Hastings County ARES, which is currently a merger of quinte ARES and TriCounty ARES. They are looking at involving the rest of Hastings County as well and recruitment is ongoing. (Peter is the Emergency Coordinator for Hastings County.) Website: **http://www.qsl.net/va3pkh/ares1.html.**
Bill and Peter will be going to a future meeting of the Trenton ARC to put on the presentation and to actively involve TARC in ARES.
After the presentation, Mike mentioned RAC liability insurance soon to be introduced. Apparently RAC has been working on this as a result of the CBC tower issue as a means of resolving it, and will hopefully means cheaper insurance costs for Amateur Radio Clubs. More information is forthcoming from RAC.
Meeting adjourned at 9:12 PM

MS Walk

Ron VE3IVC received a call from the coordinator for the MS walk to be held on Sunday, May 29 2005. She was wondering if our club would be available for the walk again next year. Ron told her that we would be there unless there was a major emergency. Please put this on your calendar, as we need about 12 to 15 volunteers for this event.

When to CQ and when not to CQ?

(Different Protocols on HF and VHF)
by D. Howard Dickson - VE1DHD

As we move closer to what will be a very different time in Amateur Radio, with potentially many amateur moving up from VHF and UHF to join the HF ranks, this might be an appropriate time to comment on some of the differences that exist between HF and VHF operation.

Although the VHF simplex bands for example are chanalized in 15 KHz units (146.415; 146.430; 146.445; 146.475 etc.), the HF bands are not. On 20 metres the band is available exclusively for SSB voice operation from 14.112 to 14.350 Mhz continuously, except for a small window between 14.225 and 14.235 that is set aside for slow scan TV. On this band alone, there is a huge amount of bandwidth available for Radio Amateurs to make contacts. So, how does one go about finding someone to talk to on HF? Unlike VHF (146.520Mhz), there is no official internationally recognised calling frequency on HF where contacts can be initiated and when once established, the stations move off to an unused frequency to continue their conversation. As a result, it is a matter of hit and miss when trying to make a contact on HF, unless a designated time and frequency have been pre-arranged in advance between individuals for that purpose. Therefore, if I were to tune up on 14.160Mhz and simply announce "this is VE1DHD on frequency looking for a contact" (which is the standard procedure that is used when looking for a contact on a VHF repeater), it is highly unlikely that I would get a response, unless someone else just happened to be sitting and listening on 145.160. So, in order to augment my chances of contacting someone, who may be simply tuning across the broad 20 meter band looking for a contact, I need to put out a long and persistent call that will attract some attention. The traditional way of doing that when using CW (Morse code) is to put out the call "CQ CQ CQ" which basically is a shorthand form of saying "Calling You / Calling You / Calling You". We have adopted this same approach on the SSB voice areas of the HF bands, and so I would call "CQ CQ CQ; CQ-20 CQ-20 CQ-20 meters, this is VE1DHD in Nova Scotia calling CQ CQ CQ and standing by for a call". This same line of patter would be repeated over and over until someone came back to me, or I got tired of trying. On VHF (using the local repeater or a link through IRLP to a distant repeater) there is absolutely no need for such a long and persistent announcement of interest in chatting with someone. If you simply key up and say "this is VE1DHD listening on frequency", that should suffice. If there is someone listening on the repeater (and there usually is) they will come back to you if they want to chat with you, and if they don't, they won't.

Persistently calling CQ CQ CQ on a local repeater or on an IRLP link is quite simply unnecessary and indeed it can be quite annoying to those who are listening but don't want to talk.

Ham Radio Course:

There will be a course for the BASIC Ham Radio License starting on **Thursday January 13, 2005** at the Trenton Amateur Radio Club Meeting Room at CFB Trenton. The course will run Tuesday and Thursday evenings until approximately March 1. To register, or for more information, contact **Mike Papper VE3VMP** at **(613) 969-1744.** The course may have already started by the time you read this. You may have to do a little catch-up but are welcome to start late.

PRIME MINISTER'S WIFE ON HAND FOR ARISS SCHOOL GROUP QSO

Sheila Martin, the wife of Canadian Prime Minister Paul Martin topped the list of VIPs on hand when youngsters at Manordale Public School in Ottawa spoke via ham radio with International Space Station Expedition 10 Commander Leroy Chiao, KE5BRW. The December 9 contact was arranged via the Amateur Radio on the International Space Station--or ARISS--program. Chiao answered 11 of the kids' questions, including one asking how the ISS is making life better on Earth. In addition to general technological spin offs from the space program, Chiao cited some ongoing biomedical research.

"There are some experiments on board where we're developing some protein crystals that pharmaceutical companies can use to hopefully make vaccines and things like that for diseases such as AIDS," he explained. Chiao also told the youngsters--who ranged from pre-kindergartners to sixth graders--that he's "very comfortable being in space" and has not had any problems adjusting to zero gravity or with sleeping in space. The 44-year-old astronaut told another youngster that while life in space can be very challenging, he had not seen anything unusual or frightening. Recounting that the Expedition 10 crew had to override automatic controls and dock manually with the ISS, Chiao said the experience was "kind of exciting, but I wouldn't say it was scary."

There's no TV or Internet aboard the space station, he told another youngster. "Sometimes we miss those things, and it makes you wonder how we ever got along without them, doesn't it?" Back on Earth, Steve McFarlane, VE3TBD, served as the ARISS mentor, while Steve Regan, VA3MGY, and Geoff Johnson, VE3KID, provided the Earth station, for which Johnson loaned his call sign. "The PM's wife was thrilled with this," McFarlane said, describing Sheila Martin's reaction to the youngsters' enthusiasm and excitement and the contact's success. McFarlane's wife Lori, a teacher, assisted with this QSO. Having earned a reputation among the Ottawa news media as "the space lady," she has helped out with earlier ARISS contacts in Merivale, Ontario, and Iqaluit, Nunavut. As the Manordale ARISS contact ended, Chiao remained on frequency and made several casual contacts. Glenn Graff, KB1GUE, in Bedford, Massachusetts, west of Boston reports he listened in on most of the Canadian school contact, then jumped in to make one of his own, calling NA1SS on the 144.49 MHz uplink frequency. Graff said Chiao told him that it was his first non-school amateur contact and that he would try to get on the air during his off time.

Sled Dog Race season is again here!

Tri County Amateur Radio Club (TCARC) is looking for volunteers to help with radio communication for the Annual Sled Dog Races in January. Dates are January 22 and 23 (Saturday and Sunday) Hams meet at 8:30 AM Location: Meet at Madoc Township Community Center, Eldorado Ontario. The Race is a two-leg event, 40 miles on day one and 20 miles on day two. Teams are looking for best-combined time. 8 dog teams. Our role is as unofficial observers noting that teams have passed various check points and road crossings, keeping track of the teams so that nobody is lost or missing and to give a heads up to the officials at the check points and finish line that teams will be arriving. This is a cold WX event. If you volunteer, you should bring warm layered clothing, boots etc. as well as a warm drink/lunch etc. Note pad and paper. A mobile or handheld with an antenna on a mast may be required from some locations. Unless we get a big January thaw, Snow conditions are looking good.

If you are willing to help please contact Peter Blakely VA3PGB at (613) 473-1171.

Indo - Asia relief program.

A group of hams are enroute to Sri Lanka as I type this. They will be landing with US Military and Red Cross personnel at 5AM EST Jan. 5 /
2004. Their mission is as follows:

Primary Directive:

To establish an EOC for the purpose of coordinating local amateur radio operators in their efforts to assist in disaster relief communications

Secondary Objective:

To send health & welfare traffic to the west (i.e.: sending third party traffic such as informing family members that individuals are alive)

Details are at www.tsunamireliefnet.com ... Website is a constant work in progress, so keep an eye on it. All people willing to volunteer as
NCS or Traffic Handlers are to click on "Register Here" and fill out the forms.

I am the ops manager for Canada in this effort. If you could inform the various groups that this is taking place and that volunteers are needed, it would be greatly appreciated. The net is taking place on Echolink Node #123799.

Please forward any questions to me. Official press release to follow later tonight. vy 73 de VA3QR

Phil A. McBride, VA3QR/VA3KPJ
ARES Emergency Coordinator @ Halton Hills, Ontario
Halton Amateur Radio Club /
Radio Amateurs of Canada
Main: (647) 722-0480
Fax: (647) 722-4322
E-Mail: va3qr@rac.ca

RAC INSURANCE POLICY

ANOTHER BENEFIT: NEW LIABILITY INSURANCE POLICY

Radio Amateurs of Canada is please to offer its members another significant benefit: Liability Insurance. No, RAC is not selling insurance, but we are able to offer our members the opportunity to share the substantial protection that we receive as an organization from our policy with AXA Assurances Inc. Details may be found at http://racaresontario.ca/public/news.

Ghost Towns On The Air

By Glenn Killam, VE3GNA, OBM

DXPeditions without leaving the country?? There are literally hundreds of so-called "Ghost Towns" here in Ontario as well as across this great land of ours. How about operating a DX-Pedition from some of them. Each year many groups go to remote islands for Islands On The Air (IOTA). Why not Ghost Towns On The Air. Sure, maybe the thought is not so glamorous to some as going off to some remote island, but the idea does have some merit. Who knows, maybe some hams might like to receive a QSL card from places like Traverston, Ont (pop 2) or Dickenson's Landing (now underwater near Cornwall). Folks put on your thinking caps and let's see just how many of you agree with me.

Norm Moore’s Estate

Norm Moore’s (VE3NFD) family has donated his amateur radio equipment to QARC. Below is a list of the equipment.

Item No.	Mfger	Model No.	Description	F
1	Yaesu	FT902DM	All Mode All Band HF XCVR includes manual	
2	Yaesu	FC 902	500W Matching Ant Tuner includes manual	
3	Yaesu	YM - 40	Hand mic for above	
4	Yaesu	YM - 40	Desk Mic for above	
5	Yaesu	YH - 55	Headphones - 8 ohms for above	
6	Drake	DL300	Dummy Load with manual	
7	Drake	TV3300	Low Pass Filter (1000 watts) with manual	
8	Hansen	FS - 5S	SWR & PWR Meter with connector cables	
9			Straight Key with heavy base	
10	Yaesu	FP - 707	External Power Supply for FT707 XCVR with instructions	
11	Yaesu	FT 208R	2M Handy with case + Rubber Ducky	
12	Yaesu	YM - 24A	Speaker/Mic for above	
13	Yaesu	YM - 26	Hand Mic	
14			Whip Antenna Extendable/Retractable for Handy	
15	Homebrew		FM Deviation Meter	
16		QARC	Coffee Mug	
17	Yaesu	PA - 3	Car Adapter/Charger	
18	Archer		Dynamic headphones - 8 ohms	
19	Omega-t	TE7 - 02	Antenna Noise Bridge	

20	Daveco	EG - 2028	Speaker Amplifier - 500mW
21	NT		Dynamic desk Mic with spare Mic
22	Homebrew		Straight Key
23	Armaco		2000 ohm Magnetic cartridge with 3 ft cord & 3.5 mm plug
24	Daiwa	LA 2035	144 Mhz Linear Amplifier
25	Homebrew		DTMF Pad
26			Power Bar with 6 outlets
27			Repeater schematics & diagrams for Prog Line
28			VE3BEL repeater manual
29			Smith Chart
30	ARRL		Operating Manual
31			Beam Heading Chart - from Toronto by Fred Hammond
32			World Country Listing & Great Circle Computations from Toronto by Fred Hammond
33			Miscellaneous lengths of 9913 coax
34			Coax Cable terminated - about 6 feet - qty 1
35			Coax Cable terminated - about 5 feet - qty 1
36			Coax Cable terminated - about 3 feet - qty 1
37			Coax Cable terminated - about 2 feet - qty 2
38			Coax Cable - RG8U terminated - about 30 feet - qty 1
39			Coax Cable - RG8U terminated - about 15 feet - qty 1
40			Coax Cable - RG8U terminated - about 5 feet - qty 1
41			Coax Cable - RG8U terminated one side only - about 25 feet - qty 2
42			Coax Cable - RG8U terminated - about 5 feet - qty 1
43			Box of HAM RADIO magazines from 1970 - clean
44	Archer	21 - 924	Mobile matcher with instructions
			Note: some of the above coax may go with the HF Rig and associated access

Equipment for sale

This equipment is for sale by Jim Lynch VE3JJL. Please contact Jim at 966-9241 if you are interested in any of this. Please note the tower is still standing and must be removed by the purchaser.

Item No.	Mfger	Model No.	Description
1	Drake	MN2000	2 KW Antenna Tuner
2	AEA	WM-30	Power/SWR Meter
3	Collins	312B - 4	Collins Console, incl Trans/Recr sw, spkr, phone patch, pwr meter
4	Heathkit	HD 1426	Relative Field Strength Meter
5	Delhi	DMX	7- 8 Foot sections - 56 ft high - excellent condition must take down
6	HiGain	?	Tribander 10/15/20
7	HIGain	Ham II or IV	With CD45 II Control
8	Heliax	1.25 in dia	!.25 in Heliax with connector about 70 ft.
9		811A	Qty two 811A finals for KW Amps - brand new