

North Shore ARC

Vol. 4 No. 3
March, 1998

Serving the Amateurs of Durham Region

March

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Contributors

Thanks to Jean Paul VE3JPT, Fred VE3TIG, Winston VE3WFS, and Walter VE3FJC for submitting items for this months newsletter.

Deadline for Next Issue

Please have all items in by the 15th for next months issue. Thanks de Laird, VE3LKS.

Medium Wave DX'ers...The Time is Now!

Can you imagine what it would have been like to have listened to a.m. radio in the 1920's when the first broadcast stations were beginning to appear across North America. Imagine the stations you could have heard? Uncluttered medium wave dx at its best.

Did you know that the same situation exists today. This is the best of times for monitoring the new extended am band, popularly called the x band or extra band. That portion of frequencies which stretch from 1610 khz through to 1700 khz, which has been recently opened for commercial broadcasters.

If you have an hf rig, or a good short wave receiver, and a wire antenna, this is your once in a lifetime chance for unique a.m. dx opportunities. Listen for KXBT, Vallejo California at 1640 khz, in the early hours of the morning. WJDM, Elizabeth, New Jersey is a snap in late afternoon and evening. KJDM has been sharing its operation with Disney's Aahs World Radio...(sounds like OZ). But it won't last long - because KDJM and WXBT are soon to go off the air.

I have heard WCMQ, a Spanish Speaking station from Miami Springs, quite clearly in the evenings at 0400. At around 0430, the audio of KXBT, Vallejo California begins to rise from the carrier whistle. Unfortunately, at

the time of writing, it is too weak to copy.

Here in Canada a Canadian applicant has filed with CRTC for a 1670 khz outlet.

Set your tape recorders by your rig. The time is now, and it will soon be gone.

Winston, VE3WFS

GOTA '98

On Saturday February 21, 1998 we had mild and overcast weather for the Guides on the Air (GOTA) exercise. The event was a huge success with 100 guides in attendance. We had the following operators participate.

- ▶ Martha, VA3SBD
- ▶ Michelle, VA3HEL
- ▶ Fred, VE3TIG
- ▶ Bob, VE3ADJ
- ▶ Ann, VE3KWI
- ▶ Alex, VA3AMP
- ▶ Don, VE3GXH
- ▶ Mike, VE3VCY

We had the following stations:

80 meters, provided by Martha, VA3SBD
20 meters, provided by Fred, VE3TIG
VHF/UHF voice, provided by Fred, VE3TIG
APRS provided by Bob, VE3ADJ
Morse code sending using oscillators provided by Ivor, VE3JMP and Margaret, VE3BNN
QSL cards and awards provided by Fred, VE3TIG

With the 6 stations above we had approx. 10 minutes per guide per stations which was just right...Both the 80 meter station operated by Martha, the 20 meter station operated by Ann and the VHF station operated by Alex were very popular. Guides enjoyed the Morse code oscillator demonstrations by Michelle, Don, and Mike as well. Bob's APRS demonstration with GPS was admired by both the guides and their leaders as well as the ham radio operators

North Shore ARC

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Canada, L1H 7L1

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monthly except for July and
August when it is a combined
summer edition.

Laird Solomon, VE3LKS
editor

Glen Goslin, VE3LIZ
publisher

in attendance. The QSL cards and awards as presented by Fred were also of interest to the guides that visited. Initially we were also going to have packet and slow scan tv presentations but these had to be cancelled because the operators had to cancel their participation at the last minute.

The antennas used were:

- i) A 20 meter Hustler mobile whip mounted on a metal pole that was attached to the rear staircase of the building that was loaned to us by John, VE3VGI. Because we had only three people available to set up the antennas we were limited as far as time was concerned and we decided not to use the 20 meter beam that John loaned us. The mobile whips worked exceptionally well during our Polar Bear Express DXpedition so John suggested that we use that antenna in lieu of his beam.
- ii) The club's 80 meter dipole antenna.
- ii) A dual band VHF/UHF ribbon antenna for the voice station.

The HF radios were a Kenwood TS-120 with MFJ antenna tuner and a Kenwood TS-440SAT. VHF/UHF radio was an Alinco DR-610 dual band radio.

A total of 19 stations were contacted on the bands used. I want to thank everyone that participated for their time and effort. I also want to thank those people that were kind enough to loan us their equipment.

Fred, VE3TIG

Swap Shop

Gord, VE3UIB, (905) 571 7068

Icom 271A/E 144 meg, all mode transceiver, with power supply, speech proc., matching speaker, desk mic and EX 309 Interface for a computer, \$650. Icom 281H 144 meg mobile transceiver, mic and manual \$295. Garmin 12XLGPS. with manual and computer interface, as new \$325. Stripline Filter for 2 meters \$25. Baycom All mode TNC. Software and manual \$70. Arrow 144 meg. 3 element beam, portable beam \$75. R/S HTX 202 144 meg. handie, manual and charger, battery case \$180.

Kantronics KPC-3 Plus, TNC. manuals \$150. AEA. PK 88 TNC, \$70. Diawa 4 pos. Ant. Switch \$85.

Josef, VE3FVH, (905) 655-3009

KLM 13 El. 2m. Ant. \$50, Balun 2K 1:1 50 ohms \$10, Kenwood Phone Patch, model PC-1 \$90.

Glen, VE3LIZ, (905) 725-1545

NC 29 desk charger for batteries used in FT23R- 33R- 73R, FT 411, 811, 911, FT 470 Price is \$80.

Fred, VE3TIG, (905) 576-4839

Apple Macintosh SE - 20 meg hard drive, Image Writer II printer, Claris Works, MicroSoft Word, Mouse, Mousepad, excellent working order, \$150. Mass 6 meter transverter, Frequency: 50 MHz, input frequency: 28 - 30 MHz tuned to: 50.125 MHz, all modes, .01 to 10 watts in, 10 watts out, New \$150. TPL 2 meter linear amplifier Frequency: 136 - 175 MHz, tuned to: 147.000 MHz, modulation: FM, 1 watt in 25 watt out, \$50. Henry 2K-4 linear amplifier, uses two 3-500z tubes, covers 10,15, 20, 40 & 80 meter bands, wired for 240 volts ac, spare set of tubes, \$950.

Doug, VA3BGF, (905) 668-6493

Highgain 7 element HF Triband Beam for 20-15-10 meters \$700 obo.

Mike, VE3DKW, (905) 723-7674

The next list is from the estate of VE3AEQ Glen. Cushcraft 2 m. 19 element beam \$80, Cushcraft 432 mhz. 24 element yagi \$75, 2 pcs Heathkit Cantenna Dummy Load \$20 each. Large Qty. Assorted Test Equipment, call for info....

Aldo, (905) 432-3923

Yaesu FT-101 Transceiver, Yaesu FV-101 External VFO, Yaesu TO-100 Monitor Scope, Landline phonepatch speaker \$650. **WANTED** - Manual wanted Kenwood TR-2600 Handie-Talker

Gunter, VE3LHM, (905) 263-2180

WANTED - dopler kit for direction finding.

Send all listings to **VE3FJC, Walter** at (905) 263-2338, by packet at VA3BBS, or by phone at VE3OSH 2 meter repeater.

Upcoming Flea Markets

Mar 21	Peel ARC
April 18	Durham Region ARC's
Apr 25	Smiths Falls
May 15 - 17	Dayton Ohio
May 29 - 31	Rochester NY.
Aug 15	Brantford ARC

Walter, VE3FJC

Hams Helping Hams

Natives in isolated locations. Third world amateur operators. Missionaries on the field. All of these share one thing in common. They are outside the world of conventional support systems.

For such hams, surplus equipment and electronic parts are valuable.

You can help put a ham on the air! Donations of cash and supplies may be left at the HAMS HELPING HAMS table.

Winston, VE3WFS

HAM - A Medical Term?!

Amateur radio operators know that the operation of a station is a science. In some ways a medical science. Writers of amateur radio literature miss this subtle point. It would be to everyone's benefit if amateur radio was described in medical language.

HAM: (singular) Incorrectly, but commonly known as the amateur radio operator. Readily identified by the expansion of posterior muscles, anatomically and commonly called hams. Contracted from prolonged hours of sitting before a radio. The unfortunate sufferer, can be identified by such symptoms as shining anterior trousers, and the thin material syndrome. This leaves the victim susceptible to a sudden, but surprising, awareness of expansion,

and a rush of cool air, encountered upon sitting.

QRM: Flatulencio Nextio syndrome. Identified as a disconcerting burbling sound, issuing from the immediate proximity of the A.R.O. (amateur radio operator aka hams). QRM sufferers are noted for long pauses in conversation, quizzical appearances, and dilated, sniffing nostrils. Upon identification the ARO seek to immediately distance himself from the creator of flatulencio nextio. Flatencio Nextio bearers are frequently unaware of their malady and seldom question why the space surrounding them is immediately vacated. The strength and veracity of the nauseous burbling can be overwhelming. Occasional syndrome bearers, who recognizes their malady may practise rigorous denial, and psychological evasion, even to the point of refusing to identify themselves, or worst still, misappropriating blame. The prognosis is not hopeful.

Smoked Finals: Mortus Operationalitis. Terminal. A tragic situation for the amateur radio operation. Is often sudden and without advance clinical warning. A strong scent surrounds the victim. Personal identification with elimination is inconsequential, although the amateur may issue an immediate, discoverative, "Aww scat" response to his delimna. This momentary identification is often, rapidly and briefly accompanied by an odiferous presence and the sudden realization that his vigorous life output is instantly expiring.

See also,
Unattached Coaxial Cable, pp 208 v.138.
Ibid. James, Jensen & Conker.

QSB, Fade Out. Expiration gradualitis. . Not to be identified with mortus operationalitis. This disconcerting ailment, invariably results in humiliation and a loss of self respect. Causes, natural with psychological ramnifications. Amateurs with long stayng conversational skills, aka long-windedness, are most prone to this disease. These, tragic operators

experience intense psychological let down. The joy of communication, following a lengthy speil of opinion, wit and wisdom, followed immediately by the intense realization that the conversational cohabitor has departed can result in morbid introspection; popularly called the "What did I say? aka - possible foot in mouth syndrome." Fortunately, the causes are not self induced.

Pile-up. Piles. Commonly identified by the amateur who also suffers from Dignity Xcitis. ak dx. An uncomfortable, excitable flare up of tissue. A serious outbreak of pileup, leaves the victim unwilling to apply his posterior muscles (aka hams), to his chair. Those most afflicted, ae also instantly identified by repititious habits, loud voice, dilated pupils, and a tendency to spell phoneticlaly. Fortunately, like influenza, or the common cold, this ailment is cyclical. Caution is adviced since an outbreak of the 23rd cycle has been noted.

Winston, VE3WFS

Central Ontario Amateur Radio Fleamarket

Dear North Shore ARC and area Radio Amateurs:

As the 1998 coordinator for the Central Ontario Amateur Radio Fleamarket (Guelph & Kitchener Fleamarket), I wish to advise everyone of our NEW LOCATION and to invite you to our upcoming 24th annual Hamfest and Fleamarket, at the Fergus Community Centre, on Saturday, June 13th, 1998.

As mentioned, the Hamfest will be held in a new location this year just a few short miles north of Guelph in the Fergus and District Community Centre where we have a much larger facility with plenty of parking right at the door PLUS lots of tailgate space.

If your club would like to distribute

flyers for the upcoming event, you can download our 98 Flyer in Adobe Acrobat format at <http://www.kwarc.org/fleamarket> or just send me an email at the address below requesting the number of flyers requested. If we could help the Durham Fleamarket by distributing flyers at our event please let us know. We certainly would appreciate any publicity they could provide our event.

COARF is also soliciting speakers for this years event. We will have space for two simultaneous forums so if you or one of your club members is interested in sharing their expertise on a part of this great hobby please drop me a line.

I look forward to seeing you this June 13th so please come on out and help us make this fleamarket a great success.

Bill Smith VE3WHS
E-mail: fleamarket@kwarc.org

website:
<http://www.kwarc.org/fleamarket>

February Minutes

NSARC amateur radio club meeting
minutes February 9 1998
Attending 27 members

The meeting was called to order at 19.30 by Peter VA3PWH who turned the meeting immediately to Mike VE3VCY for the introduction of our 2 guest speakers both from the Toronto office of INDUSTRY CANADA (the old D.O.C) Mr. Jack Holt and Peter Cole who diligently proceeded to inform the members of the ever changing future of amateur radio. They left the members with a mountain of information on rules and regulations which is available for all to peruse. They gave away 10 spectrum chart which were put in a draw at the end of the meeting.

After a well deserve coffee break and social question period, Peter VA3PWH resumed the meeting with the club business. He covered the following points (notes from the last executive

meeting):

Club signing officers all done VA3PWH
Peter VE3JPT Jean Paul VE3UEA Ries

Repeaters: Proposal from the committee
under study

ARES amateur emergency services under
study

Telephone fan out first draft in effect
diligently prepared by Les VA3LTB

New meeting location pending

Club net still a problem

Field day same location as last year,
Martha VA3SBD confirmed availability
of Generator

Red cross donation and receipt done for
ice storm relief

Peter proceeded to acknowledge the
following members for their special
efforts over the years within the club in
the form of a certificate:

Mike VE3VCY	Gary	VE3EPY
Earl VE3VGK	Winston	VE3WFS
Howard VE3TYQ	Ries	VE3UEA
Ralf VE3CRK	Fred	VE3TIG
Les VE3LTB	Martha	VA3SBD
Ivor VE3JMP	Bob	VE3 ADJ

Certificates have also been prepared for :
Charlie VE3UEM
Laird VE3LKS
Glen VE3LIZ
Len VE3LBN

Peter VA3PWH introduced a survey to
the members which the results would
outline the memberships preferences for
the upcoming club activities.

Ralph VW3CRK mentioned that the
repeater VE3OSH is now on a
experimental link.

The club agreed to let Fred and Charlie
use the club Call signs (VA3NSR and
VE3NSR) as special events call for the
GOTA.

A motion was introduced by Fred
VE3TIG that ' The NSARC applies for
affiliated Membership with the R.A.C
organization.' the motion was seconded
by Bob VE3ADJ with all in favor.

The club observed a minute of silence to
remember Mr. Bernie Sandbrook
VE3ATI who recently became a silent
key....

The meeting was adjourned by Ralph
VE3CRK seconded by Fred VE3TIG
Jean Paul, VE3JPT

RAC Bulletin 98-10E

Date: Thu, 5 Feb 1998 13:50:58 UTC
From: "RAC-Bulletins from HQ"
Subject: **How will the internet, APRS,
spread spectrum and space
communication affect Amateur radio ?**

LET'S HEAR YOUR IDEAS !

Last September, the IARU set up an
Amateur Radio Outlook committee:

"To review the current and future state of
the art in the Amateur and Amateur
Satellite services in the light of the
changing technology and the Internet; to
focus on technology, techniques and
future developments, and to make
general recommendations as to the future
growth and development of Amateur
Radio"

The committee has approached all
member societies of the IARU around the
world seeking input to the study. In
response to the request from the IARU,
Radio Amateurs of Canada is preparing a
paper on what we Canadian amateurs
think about:

Changes in global telecommunications
technology including; the Internet,
APRS, digital communications and
spread spectrum, and space
communications, in the context of ever
increasing world wide demand for access
to the radio frequency spectrum.

RAC will collect and organize your ideas
and send them to the International

Amateur Radio Union on or before May
31 1998.

Please send your thoughts, comments and
suggestions to RAC headquarters via
e-mail: rachq@rac.ca

Or via regular mail to:

AROC
Radio Amateurs of Canada
720 Belfast Road, Suite 217
Ottawa Ontario K1G 0Z5

RAC Bulletin 98-09E

Date: Thu, 5 Feb 1998 13:50:58 UTC
From: "RAC-Bulletins from HQ"
Subject: **IPARN reflector**

If you are a member of IPARN, and have
any questions about the system, have a
look at the new unofficial IPARN
Reflector. If you aren't a member, you're
still welcome to subscribe to the mailing
list. A reflector contains a list of e-mail
addresses of people with a common
interest.

By subscribing to the IPARN reflector,
any mail sent to iparn@qth.net will
automatically be sent to you. Any
questions, comments you have, or even
answers that you can provide to others
can be sent to all subscribers with just
one email.

To join the mailing list on the reflector
send a message as such:
TO: majordomo@qth.net
SUBJECT:
BODY: subscribe iparn

To be removed from the mailing list:
TO: majordomo@qth.net
SUBJECT:
BODY: unsubscribe iparn

To post information/questions to the list:
TO: iparn@qth.net

This mailing list is sponsored by Al
Waller (K3TKJ).

The mail you send to
subscribe/unsubscribe is processed by a

computer, so any extra information you send it will be ignored.

Hope to see your questions/comments on the reflector!

Please address any questions to:
jewen@oanet.com
James Ewen VE6SRV

RAC Bulletin 98-15E

Date: Fri, 20 Feb 1998 20:13:34 UTC
From: "RAC-Bulletins from HQ"
Subject: RAC Board "Appalled" At IC Behaviour

RAC President Farrell Hopwood, VE7RD, calls Industry Canada's cancellation of the Amateur Delegation Project as "unprofessional and shortsighted". The lack of progress made is laid squarely at feet of Industry Canada's officials.

"RAC's Regional Directors were appalled at the lack of consultation over this pre-meditated action. The Directors, from across the country, were appalled at the questionable manner in which IC officials handled this matter. It has severely damaged the faith, confidence and trust we once enjoyed with members of the department. The way in which this was handled is a complete reversal of the government's commitment to partnering, consulting and empowering Amateurs, most especially the manner in which our delegation people were hung out to dry", Hopwood stated.

Here is the text of a recent letter to Industry Canada Minister:

February 17, 1998

The Honourable John Manley, PC
Minister of Industry
235 Queen Street
Ottawa, Ontario, K1A 0H5

Dear Mr. Manley:

More than forty thousand Radio Amateurs across Canada were shocked, dismayed and outraged with the

November announcement that your officials had abruptly cancelled a four-year delegation initiative that was nearing the implementation stage. Radio Amateurs of Canada had assigned top level experienced people and expended a large amount of time and money over the past four years to ensure the success of this undertaking. All projections, including the encouragement of Assistant Deputy Minister Binder, gave us every confidence that delegation would become a reality.

In 1989, we began bolstering our resources to better respond to regulatory matters. A critical and major step, at the urging of your officials, was the merging of two associations into one national organization, Radio Amateurs of Canada. An immediate benefit was the establishment of a joint Industry Canada - RAC Canadian Amateur Radio Advisory Board.

At the first meeting of the Advisory Board, in September 1993, IC officials proposed formation of a joint IC-RAC working group to develop a business case for delegation of certain administrative functions to RAC. We immediately responded by assigning RAC members with previous high level government and business background to work with your officials. RAC gave this project top priority. In every instance we met target dates, developed working data in a timely manner and cooperated completely with Industry Canada officials. RAC also incorporated a separate subsidiary organization to administer delegated functions in an autonomous and objective manner. The delegation concept was enthusiastically embraced by thousands of Radio Amateurs across Canada.

You can readily understand that RAC found it appalling and alarming that IC officials suddenly, without warning or explanation, announced termination of the delegation initiative. We were further discouraged to learn that a survey, directly polling individual Radio Amateurs had been commissioned, bypassing the very organization that your officials had encouraged us to form.

It was indicated that the results of the survey and other considerations would ultimately shape Industry Canada's future administration of the Amateur Radio service. This abrupt, but obviously premeditated withdrawal has seriously shaken RAC's confidence in your officials, particularly in light of the ambiguous reasons since advanced for cancelling the delegation plan.

Precipitous termination of the delegation initiative has far reaching implications not only for Radio Amateurs of Canada as an organization, but also for the Amateur Radio service generally. It is a matter of such deep concern and apprehension that I am compelled on behalf of the Amateur Radio community to seek a meeting with you at your earliest convenience.

Yours very truly,

J. Farrell Hopwood
President and Board Chair
Radio Amateurs of Canada, Inc.

Durham Region Amateur Radio Hamfest

Are you looking for a show that will give you excellent exposure without exorbitant costs? Our attendance figures have steadily increased over the last 20 years.

- ◆ Large, 4800 vehicle capacity
- ◆ Free Parking.
- ◆ Food Court
- ◆ ATM Banking machine
- ◆ 15 minutes east of Toronto
- ◆ Easy access to transit (GO/Pickering)
- ◆ Wheelchair accessible

Distances:

Toronto : 15 miles/24 km
 Buffalo : 120 miles/190 km
 Detroit : 240 miles/380 km
 Montreal: 300 miles/480 km

Exchange Rate:

With the Canadian/US exchange rate, attending Canada's largest Hamfest makes a lot of sense. The exchange rate has been as high as \$1.00US = \$1.40 Cdn

Talk in Frequencies

VE3SPA 147.375+ Mhz
 VE3OSH 147.120+ Mhz

Sponsored by

South Pickering Amateur Radio Club (SPARC)
 North Shore Amateur Radio Club (NSARC)

What is the Hamfest?

The Hamfest is an annual event bringing together manufacturers, commercial vendors and the end user to provide information, services and equipment. It is a one day event providing financial support for two local amateur radio clubs, their activities and equipment.

Past and Present

This will be our 23rd annual show. Previously the Hamfest had been held at the Pickering High school with attendances starting at about 1000 per event. Our first shows consisted of one room (750 Sq Ft.) in the school cafeteria growing to the point where we had to expand to the North hall of the Metro East Trade Center. (20000 Sq ft). With the increase in size and location, the attendance also climbed. For 1998 we have available in excess of 40,000 Sq. Ft. of contiguous show area

What are Hams and what do they like?

Hams, or Amateur Radio Operators are people who like talking/meeting with other people, and playing with gadgets. Their interests generally involve amateur radios and accessories, computers, electronics and shortwave radio.

Booth sizes and availability

The standard vendor area consists of one 8 foot table and one chair. Please contact the registration coordinator for custom packages and pricing.

Door Prizes

Door Prizes are prominently displayed along with the donor's company or name. If you would like to donate a door prize, please contact the door prize coordinator.

EVENT DATE:
 Saturday April 18, 1998

Admission: \$5.00

Hours of Operation

Setup Availability - 7:00am Saturday
 Show Opens to Public - 9:00am Saturday
 Show Closes to Public - 2:00pm Saturday

LOCATION

Metro East Trade Center
 Hwy #401 and Brock Rd.
 Pickering, Ontario

Exit 399 on Hwy #401
 15 minutes east of Toronto

Tentative 1999 Date : Saturday April 17

Deadline for pre-registration : March 20, 1998

Registrations received after March 20, 1998 will be held for pick-up at the door.

REGISTRATION FORM

Please Print

Name : _____ Callsign : _____

Address: _____ City: _____ Prov: _____

Postal: _____ Telephone: _____ Fax: _____

	NON-COMMERCIAL
Number of Tables (8') <i>(Includes One chair per table)</i>	_____ X \$ 20.00 = \$ _____
Number of Attendees	_____ X \$ 5.00 = \$ _____
Number of A.C. Hookups <i>(Bring your Own extension cord and proper safety measures for cord)</i>	_____ X \$ 10.00 = \$ _____
Total Payable	\$ _____

	COMMERCIAL
	_____ X \$ 40.00 = \$ _____
	_____ X \$ 5.00 = \$ _____
	_____ X \$ 10.00 = \$ _____
Total Payable	\$ _____

Make cheques Payable to **Durham Region Amateur Radio Hamfest**. (No Post Dated Cheques, Please)
 Please mail to the address on the reverse of this Form. Tables will be assigned as registrations are received.