

NORTH SHORE ARC

Box 171, Oshawa, ON, Canada, L1H 7L1
www.osha.igs.net/~l:olomon/nsarc.htm

VOLUME 5, NUMBER 5

OCTOBER/NOVEMBER, 1999

10M for 5WPM!

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Submit articles or info to Laird buy one of the following:
e-mail: ve3lks@rac.ca or Isolomon@osha.igs.net
packet: ve3lks@bbsbbs
direct: ve3lks-1 on ve3ush

Monthly Meeting

See you at the RCAF building at the Oshawa Airport.
Meeting is on the third Monday of the Month at 1930hrs.

October Meeting

Campbell Island DXpedition

I don't know how Winston VE3WFS does it but he sure can round up great guest speakers. In October Brian Biggins will be with us to share his experiences as part of the Campbell Island DXpedition. Brian will have a video of the trip and will share stories about this rare DX location. Winston indicated to me that this DXpedition cost about \$200,000 to pull off so this was no small feat and you will not want to miss this meeting.

November Meeting

Premier DX Contestor Yuri

This month we are proud to present one of the world's foremost international contestors - Yuri UT4UZ, who has agreed to appear this evening to tell us about his station in Russia and to answer questions about contesting. Yuri has recently emigrated to Canada.

Exotic Radio Listening

Out there on the fringes of the radio hobby are a group of enthusiasts who go to great lengths to make the 'impossible' happen.

I recently read these postings on the Ontario DX Club internet mail group. "I drove to Waubaushene (Ontario) late last night to try and get away from the congested FM band in Toronto and do some meteor detection. Waubaushene is on Georgian Bay just off Hwy 400 about 150 km north of Toronto.

The listening was spectacular. And so was the sky. Perfectly clear night and I could see the Milky Way. The water in the little harbour (where the locals launch their boats, I guess) was so calm that I could see the reflection of the Big Dipper. So it was an opportunity to do some simultaneous visual and radio observing. Although I didn't see much activity in the sky.

The main purpose of the trip was to determine if there are enough clear frequencies in the FM band to do some serious meteor detection experiments. As it turns out there are and since Waubaushene is within reasonable driving distance of Toronto, it is probably worthwhile.

Although I listened for several hours, I only tabulated bursts for one hour. The remainder of the time was spent scanning the band to list clear frequencies and watching the sky for meteors. Most of my listening was done on 94.7 MHz (all of the tabulated meteors were heard on this frequency) with some listening on 89.3, 97.1 and 101.5 MHz. Tropo caused a few problems occasionally.

I was able to identify WICI in Sumter, SC (a rare instance of actually hearing the station ID) and an amazing catch since the station's ERP is only 2600 watts. Also heard was CHEY in Trois-Rivières, Québec (by process of elimination since it is a French station). And a station which identified itself as an oldies station (anyone have any possibilities for this one?).

During the hourlong listening session, I heard 377 meteors! That's about 6 meteor bursts per minute.: Just to emphasize the comment made by Steve in his e-mail to Willis last week--I heard all of this on the FM car radio.

The following listing lists the meteor bursts in 5-minute intervals. Listening start time was 0410 UTC.

0410	23
0415	21
0420	35
0425	24
0430	50
0435	32
0440	34
0445	25
0450	22
0455	42
0500	30
0505	38

Followed by this response posting:

Bravo!

That's why I like to listen up in the Meaford area, its just far enough away from the FM clutter. I guess when we profile someone doing meteor scatter in DX Ontario, we'll definitely have them sitting in their cars tuning the dials! Maybe when people send in their loggings, we'll require that they include the make and model of their cars... Hey, possibly one reason I do so well in my car is because I drive a Saturn! Maybe there's a correlation?

submitted by Winston, VE3WFS

1999-2000 Club Meetings!

October: Special Speaker, Brian Biggins. Brian was a participant in the Campbell Island DXpedition. One of the biggest international dxpeditions in the past year. His video and question and answer time promises to be sure winner.

November: This month we are proud to present one of the world's foremost international contestors - Yuri UT4UZ, who has agreed to appear this evening to tell us about his station in Russia and to answer questions about contesting. Yuri has recently emigrated to Canada.

December: Our Annual Christmas Celebration.

January: A project night is on the books. We are looking forward to having an antenna workshop - in which we can all go home with something we have made. Sounds like fun.

February: Wow. This meeting features a demonstration of how internet can help today's amateur radio operator. We will have a computer set up, and will drop in on a host of internet sites which are dedicated to ham radio. If you have some favourite sites, be prepared to share them.

March: I have several Guest speakers in mind for this evening. Stand by for a further announcement.

OTHER IDEAS:

April: Swap Shop Evening. Do you have any items which you would like to sell, or trade....to clear your bench. If there is interest in having a club swap shop evening, please tell Winston, so that one can be scheduled.

May/June: To Be Announced.(if you have some ideas which you think would make good meetings...don't hesitate in passing them along)

GHOST TOWNS: The ghost towns idea has not been dropped. It was evident, that it would take a bit more time to organize. The club has given the green light. A certificate will be prepared before long, and a well prepared action plan will be put in place. Look for this this in the forthcoming year.

PROBLEM SOLVING: We want to build into each meeting an opportunity for members to express their concerns. As club members, we exist to celebrate our hobby, share in friendship, and assist one another in our amateur radio journey.

Winston, VE3WFS

10M with BASIC + 5wpm

The amateur radio operator qualifications listed in Radiocommunication Information Circular 2 (RIC-2), Standards for the Operation of Radio Stations in the Amateur Radio Service, have been amended as proposed. Individuals holding an Amateur Radio Operator Certificate with Basic and Morse Code (5 w.p.m.) Qualifications may now operate in the 28.0 MHz to 29.7 MHz (10 metre band) amateur radio frequency band.

Copies of the revised RIC-2 are available from the Industry Canada Internet web site at the following address:

<http://strategis.ic.gc.ca/SSG/sf01226e.html>

The following are some of the letters that were submitted to Industry Canada in support of this revision.

Paul Lantz (member of Polar Bear Express DXpedition and lawyer in Moosonee, ON.)

I agree with the proposal to extend privileges however I wish to suggest that further allocations be made available to amateurs in this category. 10m is a very interesting band but its utility may be marginal at times. I suggest that an additional allocation be made available in a band such as 40m that would be useful to amateurs more of the time. As a resident of a remote community, I agree that the current allocations are inadequate. Operating on 160m is often very difficult. 80m is of little to people in remote areas during many daylight hours, especially in the summer. While some might argue that limiting 5wpm amateurs to these bands encourages people to upgrade, I suggest that it simply

results in a great deal of frustration when new amateurs find out that HF operations are simply not possible much of the time. This is a particular problem in remote areas where the VHF/UHF bands are of limited utility.

Paul Lantz

Peter W. Henry (President, NSARC)

PROPOSAL TO GRANT OPERATING PRIVILEGES IN THE 28.0 MHZ TO 29.7 MHZ BAND TO INDIVIDUALS HOLDING AN AMATEUR RADIO OPERATOR CERTIFICATE WITH BASIC AND MORSE CODE (5 W.P.M.) QUALIFICATIONS

Dear Sir,

It is with great pleasure that I read of the proposed change in operating bands for those with 5 WPM code to include the 10 m band. I firmly believe that this proposal deserves the support of all amateur operators since it offers a chance for new amateurs to experience a band with very different characteristics from the bands presently allowed for their operation. I also support the concept of a reduction in code proficiency requirements perhaps replaced with more technical knowledge requirements, knowing that this is not the venue for discussion of this additional issue. As an advanced operator with 12 WPM I find that code forms a very small part of my operating and that I have many other interests instead. I would not support the reduction of the code portion of the bands because I realize that many amateurs do find the code an attractive and efficient means of communication. I see little conflict in reducing the code requirement as long as the spectrum is available for this mode of operation.

Thank you for your attention to this matter,
VA3PWH, Peter W. Henry

Winston Seeney (Programme Director, NSARC)

NOTICE NO. DGRB-005-99

Thank you for your opportunity for amateurs radio operators to add their comments for consideration to the proposal to change licensing requirements, for amateurs to use the 10 m band.

I am the RAC representative for the North Shore Amateur Radio club of Oshawa. At my instigation, our club has attained Affiliated Member Status, with RAC. I have authored several radio articles, and have been published in 73 magazine, Popular Communications and the Canadian Amateur. I serve on the executive of the North Shore Amateur Radio Club as programme co-ordinator. I have my 10 wpm cw endorsement, and a basic license. It is my opinion that:

The proposed change of requirements which would enable amateur radio operators who are presently holders of a 5wpm cw endorsement, is a positive step and one which best serves the interest of Amateur Radio.

First: it provides an incentive for amateurs who are locked at the 5wpm point, to continue striving for 10 wpm, and its extra band incentives.

Second: it makes allowances to amateur operators who have physical disabilities which prohibit their advancement to 10 wpm. Specifically, amateurs who suffer from Huntington's Chorea and other debilitating muscular illnesses.

Third: it moves the amateur community one step along - in keeping with the social context of our age. As we are becoming an increasingly computerized age - digital cw communication, is being increasingly regarded as an anachronistic standard for the hobby.

Fourth: it aligns us more closely to a growing international movement for the elimination of cw as a standard for spectrum attainment within amateur radio.

Fifth: the exciting and dynamic, qualities inherent within 10 meter up cycle, dxing, provides a positive, stimulant for amateurs who comparatively, find amateur radio a prohibitive communication device.

Sixth: the aforementioned initiative, reduces a barrier, and in turn make it easier for amateurs to enjoy the hobby more fully - when they can presently, without benefit of any radio license, communicate on ICQ, with any number of audio software programmes by internet.

Seventh: it provides a more stimulating entrance point into phone privileges in amateur radio than the present 80 m band, and a positive seasonal, and sun-spot cyclical, balance. The 80 m band during the summer is riddled with over the horizon, electro magnetic interference, from the thousands of thunder/lightning storms around the globe.

Eighth: From my perspective on the club level, it appears to be met with by a general climate of enthusiasm by our members.

Respectfully,
Winston Seeney VE3WFS

International Time Signals

Frequency (KHz) Callsign, Location.

50	OMA Prague, Czechoslovakia
60	MSF Rugby, England
60	WWVB Fort Collins, Colorado
75	HBG Prangins, Switzerland
77.5	DCF77 Mainflingen, Germany
177	DGI Oranienburg, Germany
418	ZSC Cape Town, So. Africa
434	VWC Calcutta, India
482	PB Colombo, Sri Lanka
£00	VPS Kowloon, Hong Kong

1510 HD210A Guayaquil, Ecuador
 2500 VNG Australia 2500 BPM PR China
 2500 HLA Korea 2500 OMA Prague, Czech Republic
 2500 JY Tokyo, Japan
 2500 RCH Uzbekistan 2500 WWV Fort Collins, Colorado
 2500 WWVH Kekaha, Kauai Hawaii
 2500 ZUO Olifantsfontein, So. Africa
 3170 OLB5 Prague, Czech Republic
 3330 CHU Ottawa, Ontario Canada
 3810 HD210A Guayaquil, Ecuador
 4232.5 VPS8 Kowloon, Hong Kong
 4286 VWC Calcutta, India
 4291 ZSC Cape Town, So. Africa
 4298 CBV Valparaiso, Chile
 4500 VNG Australia
 4525 Y3S Nauen, Germany
 5000 ATA New Delhi, India
 5000 BSF Chung Li, Taiwan
 5000 HD210A Guayaquil, Ecuador
 5000 HLA Taejeon, So. Korea
 5000 IAM Rome, Italy
 5000 IBF Turin, Italy
 5000 JY Tokyo, Japan
 5000 LOL Buenos Aires, Argentina
 5000 WWV Fort Collins, Colorado
 5000 WWVH Kekaha, Kauai, Hawaii
 5000 ZUO Olifantsfontein, So. Africa
 6100 VTO Caracas, Venezuela
 6840 EBC San Fernando, Spain
 7335 CHU Ottawa, Ontario, Canada
 7500 VNG Australia
 7600 HD210A Guayaquil, Ecuador
 8000 JY Tokyo, Japan
 8461 ZSC Cape Town, So. Africa
 8473 4PB Colombo, Sri Lanka
 8539 VPS35 Kowloon, Hong Kong
 8542 PKX Jakarta, Indonesia
 8650 OBC3 Callao, Peru
 8677 CBV Valparaiso, Chile
 8721 Unknown Rio de Janeiro, Brazil
 10000 ATA New Delhi, India
 10000 JY Tokyo, Japan
 10000 LOL Buenos Aires, Argentina
 10000 WWV Fort Collins, Colorado
 10000 WWVH Kekaha, Kauai, Hawaii
 11400 PLC Jakarta, Indonesia
 12000 VNG Australia
 12008 EBC San Fernando, Spain
 12307 OBC3 Callao, Peru
 12724 ZSC Cape Town, So. Africa
 12745 VWC Calcutta, India
 13020.4 VPS60 Kowloon, Hong Kong
 14670 CHU Ottawa, Ontario Canada
 15000 ATA New Delhi, India
 15000 BSF Chung Li, Taiwan
 15000 JY Tokyo, Japan
 15000 LOL Buenos Aires, Argentina
 15000 WWV Fort Collins, Colorado

5000 WWVH Kekaha, Kauai Hawaii
 7018 ZSC Cape Town, So. Africa
 7096 VPS80 Kowloon, Hong Kong
 20000 WWV Fort Collins, Colorado
 20000 WWVH Kekaha, Kauai Hawaii
 22455 ZSC Cape Town, So. Africa-
 22536 VPS22 Kowloon, Hong Kong
 25000 WWV Fort Collins, Colorado(Only during High Solar Flux/SunspotActivity)

Winston, VE3WFS

Swap Shop

Peter, VA3PWH (905) 436-9236

For Sale Palstar 300 Watt Antenna Tuner with 48 position inductor switch \$190.

Josef, VE3FVH (905) 655-3009

ICOM IC 471 70 cm all mode transceiver with power supply \$490. Microwave module 432 Mhz 100 watt linear \$190. TE systems 70 cm. 100 watt linear with Preamp \$210. Landwehr 2 m. Preamp. mast mount \$130. MFJ Electronic Keyer paddle, model MFJ-422C \$40. Larsen 2 m. 5/8 Magmount Ant. \$15. Larsen 2 m. 5/8 Glass mount Ant. \$40. Cushcraft 2 m. 5/8 Mag mount Ant. \$15. Hustler Mobile Resonators, RM-20, RM-40 RM-10S, RM15-S, RM-40S, Spring, Ball mount. \$110. Kenwood Deluxe Headphones HS-5 \$40. Cushcraft R-7 Vertical \$270. Sony C/D Player CDP-50 \$40. Radio Shack 5" Portable Colour TV. \$50. Alaron 40 Channel CB. \$25.

Peter, VE3ETR (905) 655-5180

Htx 100 10 meter mobile, 25 watts ssb & cw. 10 memories, mint. \$100. 24 dot Star Matrix Printer, model NC 101, Multi Font \$50.

Dick, VE3ZTP (905) 404-0084

For Sale; Motorola Commerical Two Meter Transceivers, 40 Watt output, Dash mount remotes \$50. OR TRADE for Ham radio gear.

Jack, VA3JFW (905) 571-5334

TRC-47 CB radio converted to 10 meters \$20.

Dick, VE3ZTP (905)404 0084

WANTS a HF Antenna Tuner with a SWR meter to handle 500 Watts.

Mike, VE3DKW (905) 723-7674

Wanted - COMMAND transmitters Model BC-458 & BC-459.... or any other command transmitters or receivers....

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

INVOICE

To:	Pay To: North Shore ARC c/o VA3LTB Les Burgess 1456 Tampa Cres Oshawa, On L1G 6V2
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November 1999

To renew North Shore Amateur Radio Club membership for 2000.

FULL membership (newsletter, right to vote, attend meetings & functions) \$30.00

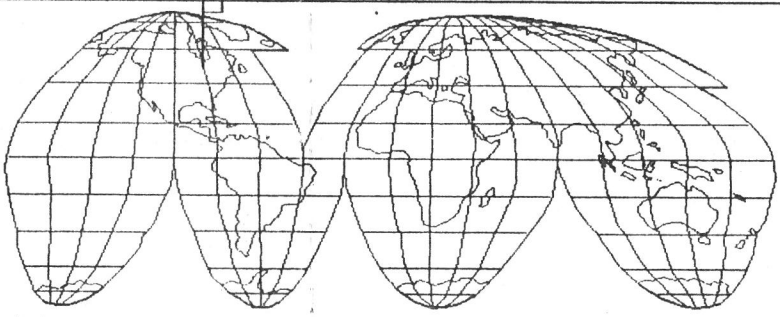
ASSOCIATE membership (newsletter, attend meetings functions) \$25.00

FAMILY membership (full member at same address, no newsletter, right to vote, attend meetings functions) \$15.00

DONATIONS: For General Use: _____, Repeater: _____ \$ _____

TOTAL \$ _____

CLUB MEMBERSHIP IS TO BE PAID BEFORE 31 DECEMBER 1999



To help maintain your pin point on the globe and your access to the world

JOIN THE NORTH SHORE AMATEUR RADIO CLUB
BE COME A MEMBER
TO DAY

