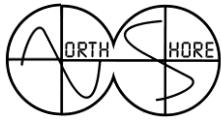


NORTH SHORE ARC



Box 171, Oshawa, ON, Canada, L1H 7L1
<http://www.ve3osh.com/>



Volume 8 , Number 1

October 2009

The Kick-Off BBQ

From Joe VE3VGJ





What a great way to start off the season. A special thank you to Bob VE3LLE & Marilyn for their hospitality..... and to our cook, Joe VE3VGJ

See all the pictures on the Club website.

+++++

Ham Radio and Scanners - Part 2

By Dave VA3DBJ

The UHF band is where the people move to, when they find it too crowded in the VHF neighborhood.

The usage here is not entirely clear cut as it once was in the VHF area. In Canada, Industry Canada doesn't chop the spectrum into blocks for one service or another. Only a selected few have been given their own space, but only a few. This area is not used for distant communications, so most communications heard here are "urban" related and repeaters are usually always used.

400 – 410 MHz Land/Mobile/Commercial

Here you will find some of the original users of the UHF band. Satellite downlinks and command and control signals and data and relay links. More and more commercial and paging are showing up here. (406 Distress Beacons)

410 – 430 MHz Land/Mobile/Comercial/Government

If anyone was lost, this is where you'd find them. The first users here were government and public safety (R.C.M.P.) users. But as some of these users migrated to 800 MHz, this area has opened up to commercial users. (411.2625 Veridian Connections)

430 – 450 MHz Amateur Radio

If there is any group, that has the most organized and tidy pieces of radio spectrum, the Amateur Radio community is it. Not, just because I am one. As with the 144-148 MHz band, this band is used for repeater, satellite and emergency communications. And each of these, has their specially location within the band. (443.80 VE3NSR)

450 – 470 MHz Land/Mobile/Comercial/Government

Where the 410-430 MHz started off, this band finishes it off. This chunk of turf, just before the TV UHF channels, has more commercial and data users. Normally the 410-430 and 450-470 MHz bands, have their base and mobiles separated by 5 MHz. So if you find someone talking on 415.6875, check out the 410.6875 channel as well.

806 – 850 MHz Public Safety Mobile/Cell Commercial

Here you will find the public safety related mobiles and some commercial trunk systems. Also here, is where the 800 MHz cell mobile channels sit, all of which has switched to digital now.

850 – 900 MHz Public Safety Base/Cell/Commercial

This is where you will find the base portion for the public safety and commercial trunk systems. You should search here first, as this is where the power sits. The mobile reside in the 806 – 850 MHz band.

900 – And Beyond MHz LPU's/Paging/STL's/Microwave

This area is not as crowded and the least search by the usual scanner hobbyist. Here you will find the paging, studio links, low power units, cordless phones and microwave links. With the exception of the phones, studio links and the LPU's, most comms here are data or digital. But, this is part of the new neighborhood and we might find more here in the next 10 to 15 years.

The one area I didn't list was the 225 – 400 MHz. This is the military and government domain. Not all scanners cover this area, but no less important. The problem is that not every area in Canada will hear anything here, except the military satellite downlinks. Those close to Canadian Forces bases will have better luck hearing something here.

That is it, in a nut shell. The information is very generalized, as it would take up a lot more space than what I am allowed. I hope, in the future, to be able to continue to provide more details for individual systems, such as the Oshawa and Durham Fire trunk system and the Government of Ontario Communications Project via the Fleetnet system and the other different trunk systems. But most of the detailed information is already covered on many websites like www.radioreference.com and a certain web site in Bowmanville. ☺

Durham Region Frequency information:

RadioReference - <http://www.radioreference.com/apps/db/?ctid=4288>

ScanDesk - <http://www.scandesk.info/index.php/radioscanner/durham-region-info>

+++++

Fall is the time for Thanksgiving. It is also a time to look forward to our coming Ham Radio Season.

Your humble scribe,

Ken
VE3RMK

In the last two months Durham Radio has added OVER 80 products!

We maintain a mailing list called "What's New at Durham Radio" and about once a month we let our customers know about the products that we recently added to our lineup plus we offer "Subscriber Only Specials" with each mailing.

[Click HERE](#) to view the September mailing on line.

[Click HERE](#) to view the October mailing on line.

Sneak Peek at Subscriber Specials

For those of you who are not subscribers, below is a sneak peek at the October "Subscriber Only" specials.

When shopping by phone or in person please mention these special offers. For on-line orders click on the images below to get the subscriber-only pricing.



Nuvi 265T - The nüvi 265T takes you where you need to go with pre-loaded maps and turn-by-turn directions that call out streets by name. Includes lifetime traffic and hands-free calling
Reg: \$249.95. Currently on Sale at \$228.97.
Subscriber Only Special \$194.97



20-Pack of Ultralast "AA" Alkaline batteries. Reg: \$9.95
Subscriber Only Special: \$6.97! (LIMIT 2 Per Order)

Subscribe to our "What's New at Durham Radio" mailing list today!
Visit our [HOME PAGE](#) and enter your email address in the box at the bottom right.

SUBSCRIBER SPECIALS END OCT 31ST 2009. ALL ITEMS SUBJECT TO AVAILABILITY.

LAYAWAY AND C.O.D. ARE STILL AVAILABLE!

**Durham
Radio**
SALES & SERVICE NC

Winter Hours Sep - Apr M-F 9-6 Sat 10-4
10-1380 Hopkins St., Whitby, ON L1N2C3
Tel: (905) 665-5466 Fax: (905) 665-5460

1-888-426-1688

www.DurhamRadio.com

