

**ENJOYING THE RADIO LISTENING HOBBY
WITHOUT A RADIO**

It's November; the summer sun has turned to autumn colors and a definite chill is in the air. The falling temperatures tell us the Holiday season is approaching the colder weather ushers in that time of the year when DX'ing is at its best. This month we'll explore a new way to monitor your favorite part of the RF spectrum without a radio and best of all for virtually no money.

Many of our readers ask, "I live in an apartment and it's impossible to install any type of effective antenna. I'm also on a limited budget. Is there any low cost way to enter the hobby and any "secret" antennas or device that can take the place of a large antenna?" Well, I'm happy to say there is!

The fact that you're reading our electronic newsletter tells me you already have Internet access. Many of us use some form broadband Internet access, perhaps a cable modem, DSL or wireless. Over the past few years several companies such as WinRadio and ICOM introduced PC controlled receivers that can receive from 100 khz to well beyond 500 mhz. Creative software and web designers took the concept one step further, offering a way for generous radio hobbyists to share their radios via the Internet. While many are available for use, free of charge, for a modest price DX Tuners <http://www.dxtuners.com> offers access to dozens of receivers located at prime DX locations all over the world.

I entered the radio hobby in the early 1960's, DX'ing the AM broadcast band. Yet, try as I might, it was and still is virtually impossible (from my location) to log any European longwavelor medium wave stations. If I had the room to build a beverage antenna, I'm sure it would be a snap. Unfortunately, I don't have 1200-2500 feet to stretch out some wire. DX Tuners offers the opportunity to use an Icom R-75 connected to a 400 meter Beverage located in Sweden. With an antenna heading of 290 degrees from Europe, listening to most of Europe and N America from one of the quietest parts of the world is a few keystrokes

THE URBAN DX'ER

Established 1984

away! During the weekend of November 13, DX Tuners had a promotional weekend where many of the receivers they normally charge for were available free of charge. Unfortunately, I found out about it near the end of the free access period so my personal experience was somewhat limited. Here in the New Jersey, I'm surrounded by dozens of medium wave broadcast transmitters; the noise and intermod is often unbearable. Using the system just described I was able to listen to dozens of long wave stations as if I were sitting next to their transmitter. In the medium wave band the stations were too numerous to list and most were "5x5" copy.

Maybe you are into FM DX'ing? DXTuners offers a system in Europe where you control the receiver and rotate an extreme stack of FM-yagi antennas for TROPO FM DXing over all of Europe.

Short-wave Dx'ers may wish to use another system where you control an array of 7 EWE antennas located in a very low noise area in northern Europe. This radio pulls in a lot of DX from 100kHz to 30 MHz. I used this system to check out propagation between my location and Europe on 20M. It was pretty neat being able to hear my signal over the Internet as it arrived in Europe.

DX Tuners also offers dedicated ACARS receivers in two regions; Northern Europe (UK) and central Europe. These receivers are solely for 131-136 MHz listening. You will need an ACARS decoder.

Those who fancy listening below the broadcast band would enjoy a special receiver set up for the NDB (Non Directional Beacons). It can hear Long Wave beacons very far away. They've logged some as far as 2000km!

And if you are having problems logging some of the more difficult Asian countries, consider DX-Tuners receiver sponsored the Technical University in Katmandu, Nepal. This receiver is located in the high Himalayas Region, home to eight of the world's ten highest mountain peaks, including Mount Everest.

OK, so you aren't into HF? Don't despair! Virtually all receivers offer VHF and UHF coverage so if listening to LAPD or the Toronto PD is your thing, that's also possible.

DX Tuners offers a few receivers that can be accessed free of charge. Of course, don't expect to dominate these receivers for hours on end. During peak hours there may be slight wait but during that time, each receiver offers a live chat option with others listening to the selected receiver.

The choice of receiving locations is more numerous than I've covered. Their web site also includes a wide variety of radio listening related resources making DX Tuners a web site that you can spend many enjoyable hours at.

A quick search on Google also turned up a few receivers sponsored on the owners private web site. I found this site in MD especially good for hunting non-directional beacons in the long wave portion of the spectrum (190-500 kHz.)
<http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=8056>

Similar sites can be found at:

<http://www.radio-on-the-internet.com/searchresults.php?sortby=0&keyword=tunable>

BCB DX TESTS

I've just received the details for this seasons first two DX tests. For those who aren't familiar with DX tests, the NRC (National Radio Club) negotiates AM radio stations to run DX tests; unique program content that can be easily identified for the purpose of seeing how far their signals can be heard. If you can successfully hear the test and you submit a detailed report, the station will verify reception with their QSL card.

WNTP 990khz

Test Date: December 11, 2004 (Late Friday night into Saturday morning) Time: 00:01 - 01:30 EST
 Modes of Operation: 00:01 - 00:30 50KW Daytime
 Directional Pattern

00:31 - 01:00 5KW Non-Directional

01:00 - 01:30 Off Air to allow DXers in our region of the country to DX other stations on 990 kHz.
 Programming: Morse IDs, Voice IDs, Tones, Marching Band Music - Stars and Stripes Forever, Washington Post March, Liberty Bell March (the old Monty Python Theme)

WFIL 560khz

Test Date: January 8, 2005 (Late Friday night into Saturday morning) Time: 00:01 - 01:30 EST
 Modes of Operation: 00:01 - 00:30 7.1KW Daytime
 Directional Pattern

00:31 - 01:00 2.5KW Non-Directional

01:00 - 01:30 Off Air to allow DXers in our region of the country to DX other stations on 560 kHz.

Programming: Morse IDs, Voice IDs, Tones, Marching Band Music - Stars and Stripes Forever, Washington Post March, Liberty Bell March (the old Monty Python Theme)

Reception Reports should be sent to Rene Tetro by email at rtetro@pobox.com or by snail mail at:

Rene' Tetro,
 Chief Engineer
 WNTP-WFIL

117 Ridge Pike
 Lafayette Hill, PA 19444-1901

Mr. Tetro will be sending out newly designed QSL Cards for each station with a special label/stamp on the reverse side noting the special DX Test to those who respond.

IRCA has a new CPC chairman - Les Rayburn of Birmingham, AL! You can reach him at dxtests@ircaonline.org

THE CONET PROJECT

<http://www.hauntedink.com/25/conet.html>

Most of us have heard "numbers" station while tuning the shortwave bands. Akin Fernandez's obsession with "numbers stations" -- broadcasts of seemingly random numbers sequences that still remain officially a mystery -- led to a CD set compiling off-air recordings. It's become a cult hit. Matt Cowan reports. NPR featured an interesting story that you can listen to. Check out this link.

<http://www.npr.org/templates/story/story.php?storyId=4167689>

The CD's mentioned in the story can be purchased at:

<http://www.irdial.com/conet.htm>

For more info on number stations you may also want to check

<http://www.spynumbers.com/>

MULTIMODE FOR MAC

<http://www.blackcatsystems.com/software/multimode.html>

MultiMode is an application which allows your Macintosh to decode several different modes of non-voice communication often heard on shortwave. You can also transmit in many of these modes, as well.

In the past, dedicated hardware, often costing hundreds or thousands of dollars, was necessary to demodulate and decode these transmissions. Today, you can use the processing power of your Macintosh to decode and display these modes, without any hardware.

MultiMode features sophisticated digital filters, for pulling weak signals out of the noise.

Urban DX'er would like to thank all those who contributed to this month's issue!

Charlie - N2NOV; N1MLZ, "Kevin", Dave, KE2SL, and "Anonymous"

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NYDXA 2003 New Jersey Mall Frequency Listnydxa@yahoo.com

Last Updated: 12/10/2003

City	State	Mall	Frequency	PL	Comments
Atlantic City	NJ	Ocean Mall	461.9000		
Bridgewater	NJ	Bridgewater Commons Mall	464.4250		Mall Ops - WNKN413
Burlington	NJ	Burlington Center Mall	464.9250		
Cumberland County	NJ	Cumberland Mall	463.6250		
E Brunswick	NJ	East Brunswick Mall	467.7500		
Edison	NJ	Menlo Park Mall	153.2525		Recent Issues
Edison	NJ	Menlo Park Mall	153.4025		Recent Issues
Edison	NJ	Menlo Park Mall	464.3750		
Edison	NJ	Menlo Park Mall	464.5375		
Elizabeth	NJ	Jersey Gardens Mall	464.2375		
Elizabeth	NJ	Jersey Gardens Mall	464.7125		
Englishtown	NJ	Englishtown Auction	153.02		Operations
Englishtown	NJ	Englishtown Flea Market	152.8700		Reported as inactive
Englishtown	NJ	Englishtown Flea Market	153.0350		
Fairfield	NJ	Target	461.0250		
Fairfield	NJ	Target	461.0500		
Fairfield	NJ	Target	466.2850		
Hackensack	NJ	Riverside Square Mall	462.7875		WPAG675
Hackensack	NJ	Riverside Square Mall	463.8125		WPAG675
Hackensack	NJ	Riverside Square Mall	463.9250		Security
Hackensack	NJ	Riverside Square Mall	464.8250		WPGV245
Hacketstown	NJ	Hacketstown Mall	463.6250		
Lawrenceville	NJ	Quackerbridge Mall	464.4250	192.8	KZK923
Lawrenceville	NJ	Quackerbridge Mall	464.5250	192.8	In use - Not listed with FCC
Livingston	NJ	Livingston Mall	464.9750	97.4	
Lodi	NJ	Home Depot	464.5000		
Mays Landing	NJ	Hamilton Mall	464.5750		
New Brunswick	NJ	Ferren Mall	464.7750		
Ocean Twp	NJ	Seaview Square Mall	154.5150		
Ocean Twp	NJ	Seaview Square Mall	464.9250		
Paramus	NJ	Bergen Mall	463.4375		Mall Ops
Paramus	NJ	Bergen Mall	464.8125		

Paramus	NJ	Fortunoff	464.5000		WNLG840
Paramus	NJ	Fortunoff	464.7750		WNLG840
Paramus	NJ	Garden State Plaza	463.5625		Mall Ops - WPLF270
Paramus	NJ	Garden State Plaza	464.6250	DPL031	
Paramus	NJ	Garden State Plaza	464.8500	DPL065	Mall Ops - WPLF270
Paramus	NJ	Garden State Plaza	464.8750		Mall Ops - WPGS631
Paramus	NJ	JC Penny	461.6125		WNVZ737
Paramus	NJ	Macy's	154.6250		KNAV412
Paramus	NJ	Macy's	462.6500		at Paramus Park Mall
Paramus	NJ	Macy's	462.8500		WNKE551
Paramus	NJ	Macy's	464.1000		
Paramus	NJ	Macy's	464.1000		at Paramus Park Mall
Paramus	NJ	Macy's	464.2750		WNGS836
Paramus	NJ	Macy's	464.5000		at Paramus Park Mall
Paramus	NJ	Mall at 4	464.5625		
Paramus	NJ	Nordstrom	463.4375		Garden State Plaza
Paramus	NJ	Nordstrom	463.8375		Garden State Plaza
Paramus	NJ	Nordstrom	464.0875		Garden State Plaza
Paramus	NJ	Nordstrom	464.2000		Garden State Plaza
Paramus	NJ	Nordstrom	464.2625		Garden State Plaza
Paramus	NJ	Nordstrom	464.6125		Garden State Plaza
Paramus	NJ	Paramus Park Mall	463.8500		Mall Ops -WPQB338
Paramus	NJ	Paramus Park Mall	463.8650		Mall Ops
Paramus	NJ	Paramus Park Mall	464.4750		Mall Ops - WNLY652
Paramus	NJ	Sears	464.6125		at Paramus Park Mall
Paramus	NJ	Sears	464.6375		at Paramus Park Mall
Paramus	NJ	Toys R Us	467.8125		
Princeton	NJ	Market Fair	156.8000		
Princeton	NJ	Market Fair	464.7750		
Short Hills	NJ	Mall at Short Hills	464.8250		
Short Hills	NJ	Mall at Short Hills	464.8250		
Various	NJ	Old Navy	151.6250	74.4	
Various	NJ	Old Navy	151.7750	77	
Various	NJ	Old Navy	151.8050	77	
Various	NJ	Old Navy	151.9550	74.4	
Various	NJ	Old Navy	154.6000	85.4	
Various	NJ	Sears Security	464.5250	173.8	Various Locations

Various	NJ	Sears Security	464.5500	173.8	Various Locations
Wayne	NJ	Fortunoff	464.7750		
Wayne	NJ	Macy's	464.1000		Willowbrook Mall
Wayne	NJ	Sears	464.6125		Willowbrook Mall
Wayne	NJ	Sears	464.6375		Willowbrook Mall
Wayne	NJ	Wayne Towne Center	464.9250		
Wayne	NJ	Willowbrook Mall	154.5150		Mall Ops - Very low activity
Wayne	NJ	Willowbrook Mall	461.9125		Mall Ops
Wayne	NJ	Willowbrook Mall	463.5625		Mall Ops
Wayne	NJ	Willowbrook Mall	464.6875		Mall Ops
Wayne	NJ	Willowbrook Mall	464.7625		Mall Ops
Woodbridge	NJ	Woodbridge Center Mall	461.3500		Mall Ops
Woodbridge	NJ	Woodbridge Center Mall	464.5250		Mall Ops
	NJ	Fashion Plaza Mall	464.4750		
	NJ	Monmouth County Mall	151.8050	151.4	
	NJ	Ocean County Mall	464.9125		
	NJ	Shore Mall	467.8500		

NYDXA 2003 NY Mall Frequency List

nydxa@yahoo.com

City	State	Mall	Frequency	PL	Comments
Bay Shore	NY	South Shore Mall	151.9250		
Central Valley	NY	Fashion Plaza Mall	463.9750		at Woodbury Commons Mall
Central Valley	NY	Fashion Plaza Mall	468.9375		at Woodbury Commons Mall
Central Valley	NY	Fashion Plaza Mall	469.7750		at Woodbury Commons Mall
Central Valley	NY	Woodbury Commons Mall	452.2750	D271	Maintenance
Central Valley	NY	Woodbury Commons Mall	461.2750	D271	
Central Valley	NY	Woodbury Commons Mall	461.5375	D271	Security
Clarkstown PD	NY	Palisades Center Mall	156.1950		
Commack	NY	Commack Arena Market	151.6550		
E Farmingdale	NY	BJ's Wholesale Club	461.8875		
E Farmingdale	NY	BJ's Wholesale Club	462.0375		
Elmhurst	NY	Queens Center Mall	464.5250		
Hicksville	NY	Broadway Mall	464.9750		
Hicksville	NY	Roosevelt Field Mall	462.7250		
Hicksville	NY	Roosevelt Field Mall	464.3750		
Hicksville	NY	Roosevelt Field Mall	464.9250		
Lake Grove	NY	Smith Haven Mall	151.6000		
Lake Grove	NY	Smith Haven Mall	154.7450		
Long Island City	NY	QP's Market	154.6000		
Manhattan	NY	South Street Seaport (Sec)	461.7125		
Massapequa	NY	Busy Bee Mall	461.3625		
Massapequa	NY	Sunrise Mall	151.8650		
Massapequa	NY	Sunrise Mall	151.9250		
Massapequa	NY	Sunrise Mall	461.4750		
Massapequa	NY	Sunrise Mall	464.4650		
Massapequa	NY	Sunrise Mall	464.8000		
Mt Vernon	NY	Cross County Center	154.5700		
Mt Vernon	NY	Cross County Center	154.6000		
Nanuet	NY	Boscov's	469.5500	DPL162	
Nanuet	NY	Macy's	464.1000	203.5	
Nanuet	NY	Nanuet Mall	464.9250	DPL754	
Newburgh	NY	Newburgh Mall	154.5700		

NYC	NY	Manhattan Mall	469.1000	
Poughkeepsie	NY	South Hills Mall	464.5250	
Sayville	NY	L.I. Merchandise Mall	154.6000	
Staten Island	NY	J.C. Penny Ch 1	461.8125	DPL732 at Staten Island Mall
Staten Island	NY	J.C. Penny Ch 2	468.2125	97.4 at Staten Island Mall
Staten Island	NY	J.C. Penny Ch 3	469.2125	97.4 at Staten Island Mall
Staten Island	NY	J.C. Penny Ch 4	461.8625	DPL732 at Staten Island Mall
Staten Island	NY	J.C. Penny Ch 5	461.9375	DPL732 at Staten Island Mall
Staten Island	NY	Macy's	464.1750	203.5 at Staten Island Mall
Staten Island	NY	Sears	464.5500	118.8 at Staten Island Mall
Staten Island	NY	Sears	468.4875	103.5 at Staten Island Mall
Staten Island	NY	Staten Island Mall	464.9375	DPL532
Valley Stream	NY	Green Acres Mall	463.6250	
Various	NY	Macy's Northeast	464.1000	
Various	NY	Macy's Northeast	464.1500	
Various	NY	Macy's Northeast	464.1750	
Various	NY	Macy's Northeast	464.2750	
Various	NY	Macy's Northeast	464.6250	
Various	NY	Old Navy	151.6250	74.4
Various	NY	Old Navy	151.7750	77
Various	NY	Old Navy	151.8050	77
Various	NY	Old Navy	151.9550	74.4
Various	NY	Old Navy	154.6000	85.4
Various	NY	Sears Robuck	463.7625	
Various	NY	Toy's "R" Us	457.5375	
Various	NY	Toy's "R" Us	457.5875	
Various	NY	Toy's "R" Us	468.7625	
Various	NY	Toy's "R" Us	469.6625	
West Nyack	NY	Filene's	464.5500	at Palisades Center Mall
West Nyack	NY	Home Depot	467.7625	146.2 at Palisades Center Mall
West Nyack	NY	JC Penny	463.4000	at Palisades Center Mall
West Nyack	NY	JC Penny	464.5500	at Palisades Center Mall
West Nyack	NY	JC Penny	466.2625	at Palisades Center Mall
West Nyack	NY	JC Penny	466.9625	at Palisades Center Mall
West Nyack	NY	JC Penny	467.8125	85.4 at Palisades Center Mall
West Nyack	NY	JC Penny	467.9250	at Palisades Center Mall
West Nyack	NY	Lord & Taylor	467.1375	DPL026 at Palisades Center Mall

West Nyack	NY	Old Navy	151.9550	74.4	at Palisades Center Mall
West Nyack	NY	Palisades Center Mall	452.4500	DPL606	
West Nyack	NY	Palisades Center Mall	452.5000		Security
West Nyack	NY	Palisades Center Mall	452.9500		Security
West Nyack	NY	Palisades Center Mall	467.8500		Maintenance
West Nyack	NY	Palisades Center Mall	467.9000	DPL624	
West Nyack	NY	Palisades Center Mall	468.7625		Maintenance
West Nyack	NY	Palisades Center Mall	469.5750		Security
West Nyack	NY	Rain Forest Café	463.4000		at Palisades Center Mall
West Nyack	NY	Rain Forest Café	464.9750		at Palisades Center Mall
West Nyack	NY	Rain Forest Café	466.1375		at Palisades Center Mall
West Nyack	NY	Sports Authority	151.7150		at Palisades Center Mall
West Nyack	NY	Sports Authority	154.5700		at Palisades Center Mall
West Nyack	NY	Target	151.6250	179.9	at Palisades Center Mall
West Nyack	NY	Target	151.9550	179.9	at Palisades Center Mall
White Plains	NY	Cadillac Fairview Galleria	464.8750		
White Plains	NY	Cadillac Fairview Galleria	464.9250		