

x



# The North Florida DX Association

# PileUp

The NFDXA Newsletter



Volume I, Number I

January 2009

<http://nfdxa.com/>

Next Meeting  
5 p.m.  
Saturday  
January 17  
Cross Creek  
Lane Avenue  
Jacksonville

— . . . —

2009  
NFDXA  
\$Dues\$  
Are  
Due  
See  
KC4FWS

— . . . —

## Inside This Issue

New Officers	1
January Meeting	1
NU4Y Sez	2
Nov 08 Minutes	2
Perspective	3
Murphys DX Laws	3
Tech Tip Cartoon	4
Ham Addiction??	4
VP5DX Wrapup	5
Still 10m Champs	5
Beverage Switch	6
NFDXA Contest	7
Antipode	8
OH8X's BIG Ant	8
CHU Chg Freq	8
More NU4Y Sez	9
Stuff For Sale	10
N4EB/MM??	10
FL QSO Mobile	11
TI Emerg Freq	11
Closing Thoughts	11

## 2009 NFDXA Officers

There will be a partially-new 'look' to the NFDXA leadership in 2009. A new slate of officers was named at the November 22<sup>nd</sup> meeting which was held at the west Jacksonville home of

**Mike Reublin, NF4L..**

**Jim Iori, NU4Y** will take over as president in January. This will be Jim's third stint as NFDXA president, having served in the late 80s and again in the 90s. **NU4Y** also served a term as the club's treasurer.

**Dick Hicks, K4UTE** will assume the office of vice president.

Incumbents **Jim Hughes, KC4FWS** and **Mike Reublin, NF4L**, will continue as NFDXA Treasurer and Secretary, respectively.

All club officers begin their new term January 1. Treasurer **Jim Hughes, KC4FWS**, reminds everyone that on that same date club dues for the year 2009 become due.



## W4FDA's 'Tower Buddy'



**Pres Graham, W4FDA**, says he has found an energetic and hard-working tower buddy who has no fear of heights and seems to enjoy the challenge of working high up without an OSHA-approved safety harness.

In addition, **Pres** notes his new found friendly furry climber seems perfectly content for work for peanuts, or in this case, birdseed.

## N4NN To Arrange January 2009 NFDXA Meeting



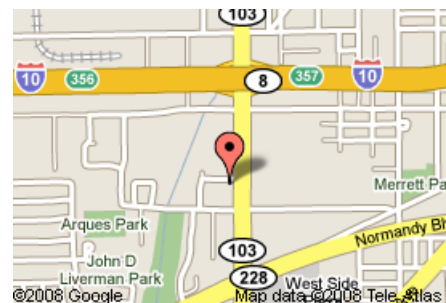
Dale,, seated at the 'control point' of N4NN  
—N4NN/QRZ.com



Start the NFDXA year 2009 off right with a cool 807 or two and a good meal with friends.

Plan now to attend the January meeting arranged by **Dale Conner, N4NN** that will be held at the Cross Creek Restaurant on Lane Avenue in Jacksonville, Saturday, January 17 at 5 p.m.

The address is 850 Lane Avenue South. Be there or be square.





## NU4Y Sez . . .

*Jim Iori, NU4Y*



Another New Year is here. Welcome to 2009. Sun-spots are down, economy is down, but change is high. PEBO (pronounced "pee bow" will fix it all . (PEBO is President Elect Barack Obama)

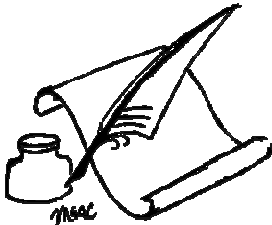
The NFDXA marathon contest is off to a start. I see some of us have been on the air.

Are you digital ready? Got my 2 coupons and bought Digital Stream

converters. One I gave to my wife's uncle (90 years young)

who has rabbit ears only, the other put in the shack on my Flat screen with a bad DTV tuner. Works ok.

I am looking for input for the 80 and 160 meter antennas at VP5DX. The gap either has to be replaced, refurbished, or something else needs to be available. The Gap worked good for years but last year was a piece of junk. Got any ideas? I have researched some and found kite antennas look interesting. Could be transported easily, and get a vertical up to a practical height. Anyone in the club have experience with large lifting kites? We have the wind on our side, and a large enough area to launch it. There are a few videos on U-Tube on kite antennas, Looks easier then probably is. To give you an idea of the available wind you can check out Middle Caicos weather right at the station. <http://middlecaicos.net/bhwx/wxgifs.html>



## November 2008 Meeting Minutes

*Mike Reublin, NF4L*

The meeting was called to order by Ron, N4KE at 6:47 p.m. at the home of NF4L.

**Attending:** Steve Brown, AB4UF; Larry Junstrom, K4EB; Dick Hicks, K4UTE; Jim Hughes, KC4FWS; Cory McDonald, NIWON; Mike Parnin, N4EPD; Ron Blake, N4KE; Mike Reublin, NF4L; Jim Iori, NU4Y; Warren Croke, NW4C; Pres Graham, W4FDA; Steve Barber, WA4B;

**Treasurer's Report:** Jim, KC4FWS announced a balance of \$547.28

### Old Business

Jim, NU4Y reported on the 2008 CWWWW SSB effort at VP5DX. The storm-damaged tower was re-erected and the SteppIR antenna repaired. So far the club is in first place MS for North America.

#### Total Q's

160M	28	
80M	396	
40M	813	
20M	2220	
15M	1241	
10M	53	
Total	4751	Raw Score 3,615,192

### New Business

Elections were held for 2009. Jim, NU4Y is the new President; Richard, K4UTE Vice President; Jim, KC4FWS Treasurer and Mike, NF4L Secretary.

Dick, K4UTE proposed the club compete against each other in the CQ Marathon DX Challenge.

The next meeting planner is Dale, N4NN. The meeting was adjourned at 7:57 p.m..

Respectfully submitted, Mike, NF4L, Secretary



## Before 9/11 - A Matter of Perspective



Specialists make adjustments to a television transmitting antenna atop the World Trade Center



## Murphy's Laws as they apply to DX

Pick one. They all apply. The more desperately you need him the harder he will be to work.

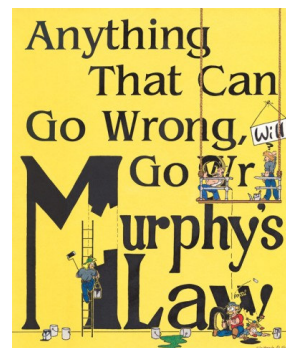
You will:

1. Never hear him
2. If you do hear him he will be weak and watery with QSB.
3. You call anyway and he goes QRT.
4. You finally hear him but you're not hearing the pileup well. You can't find the frequency of those working him. The pileup is HUGE!
5. He calls by numbers he starts with the number farthest from yours and will QRT before he gets to your number.
6. You call for hours maybe days. All your friends have worked him and especially the guys you just love to beat out!
7. FINALLY, at last you hear him come back with an incomplete call with several of your letters in it. You repeat your call and then listen. There are a zillion policeman on his transmit frequency screaming UP UP UP UP. You send your call again and he has already moved on to another station.
8. You hang in there and keep calling. Hours later you work him and he says "wrked B4".

The flip side of this law is:

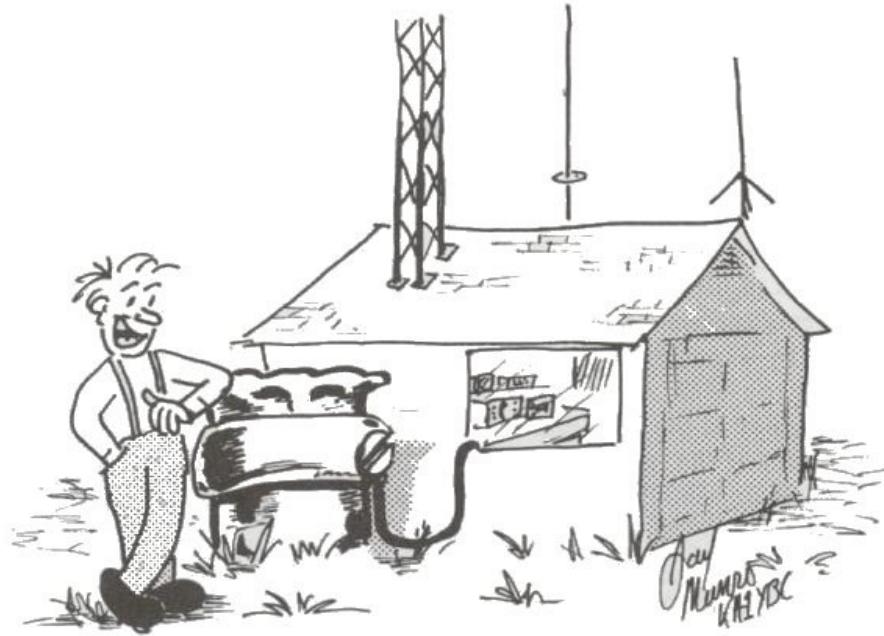
If you have the country confirmed, maybe on all bands, you call him just for sport. He will come back to your very first call.

— From DX-IS Newsgroup





## NFDXA Technical Tip



"No ground problems here!"

## 10. Th 9. No 8. To

### Ten indicators of a possible addiction to Ham Radio

1. When you look at a full moon and wonder how much antenna gain you would need.
2. When a friend gets a ride from you and remarks that you have a lot of CBs in your vehicle, it turns in to an hour long rant on how ham radio is not CB radio.
3. When someone asks for directions, you pause, wondering if long or short path would be best.
4. When you can look at a globe and be able to point to your antipode and you know what an antipode is. If perchance you've forgotten what an antipode is check with the cool antipode map at:  
<http://www.antipodemap.com/>    <http://www.antipodemap.com/>
5. Your cell phone ring tone is a Morse code message of some kind.
6. You have accidentally said your Amateur Radio call sign at the end of a telephone conversation.
7. Your favorite vacation spots are always on mountain tops.
8. You notice more antennas than road signs while driving your car.
9. You have driven onto the shoulder of the road while looking at an antenna.
10. Porcupines appear to be fascinated with your car.





## The VP5DX 2008 **CQ** WW SSB Contest Summary



As coaches and generals are prone to say, "When the going gets tough, the tough get going." Such was the case for **Steve, AB4UF, Ron, N4KE** and **Jim, NU4Y**, this year's NFDXA team for the VP5DX operators during the October 2008 CQ WW SSB contest.

Hurricane Hanna stalled for several days over the Middle Caicos causing extensive damage throughout the island cluster including the VP5DX contest QTH. The storm's 100-plus mile an hour winds lifted the roof caps on the contest QTH building's metal roof, allowing storm-driven rains to gain entrance. The water saturated much of the building's interior woodwork, destroying wallboard and particle board cabinetry. In sum, the contest QTH was a water-logged mess, but the stored amps and contest radios were not damaged. Jim had brought spare parts and was able to get the dead AL-1200 and the backup AL-80 to light up and work.

Such was not the case with the facility's two television sets and the satellite dish receiver. All eventually had to be trashed after **Jim's** repair efforts by proved futile.

The shack's main computer had a dead mother board and the monitor wouldn't come on. The second computer had a bad hard drive. However, a new computer supplied by **David, WA4ET**, was the only one that worked and the other two were trashed.

**Steve** spent his days before the contest getting all the Internet devices up and running. He had more than a few headaches with the two Wi-Fi repeaters and a Wi Fi access point. It took several days to get both back in operation but he hung in there until all components were operating as they should.

Much of **Ron's** time before the start of the WPX was spent getting the contest antennas systems back up and functional. The biggest challenge was the facility's permanent 70-foot Rohn tower which was overturned by the wind destroying the SteppIR beam and the low band wire antennas it supported.

Although the 3-element SteppIR was a total loss, the uprooted tower had laid over without striking anything on its way to the ground. Only one middle 10-foot section was damaged beyond repair.

**Ron** rounded up an island construction crew and had them jack-hammer a larger base hole in the marl. The crew then poured in a new reinforced concrete base. The damaged middle section was removed and the tower rejoined and righted with a new SteppIR beam on top. Although the tower was a tad shorter than before the new replacement SteppIR beam installed on it had a 40 meter element which proved to be a real winner on that band. **Ron** then went up and down the tower several times attaching wire antennas for 160 and 80 meter plus new coax transmission lines.

Despite the tribulations of reassembling the battered contest QTH and its equipment, the team hung tough, defending its 2007 WPX SSB North American championship by turning in what appears to be another winning score. The results are listed below. It would appear that when the going got

tough, the NFDXA trio of **Steve, Ron** and **Jim** really got going.

Band	Q's	Zones	Countries
160	28	9	24
80	396	17	73
40	813	31	107
20	2,220	35	124
15	1,241	28	90
10	53	9	20
<b>Total</b>	<b>4,751</b>	<b>129</b>	<b>438</b>
<b>Raw Score</b>	<b>3,615,192</b>		



### Now Hear This...

There's an old saying that records are made to be broken. Apparently NFDXA's **Larry Junstrom, K4EB** and **Jim Iori, NU4Y** weren't paying too much attention to that old saw when they took part in the ARRL 10 Meter Contest back in 1993.

This two-man team set a new multi-single record for North Florida during that fray...**and that record is still standing after 15 years!** That's a complete sunspot cycle and then some.

The top score and QSO total the duo recorded back then has been challenged numerous times in the ensuing years but never exceeded. Hats off to **K4EB** and **NU4Y**.



## The Beverage Switch

by Jim Iori, NU4Y



Here is a one evening project that is sure to give you satisfaction and is a good addition to the shack. The schematic is provided. The purpose of the device is to enable you to switch between a transmit antenna and separate receive antennas.

As a side note relay 1 (RY 1) separates the transceivers amp relay from the relay or relays that run other units in the line. Some older amps such as the SB-200 have high voltage on them that can cause the small relay inside the radio to fail. This eliminates that and also provides 3 outputs to key the amp, pre-amp and something else that may need switching when you transmit.

Yes my pre-amp has rf switching, but I added a line to it to manually key it also. This is added protection

Most noted experts on beverage antennas say a pre-amp is not needed. I agree that if the beverage is the proper length, properly matched and properly terminated a pre-amp is not needed. I like the pre-amp in the line to keep the signals close to the level of the transmit antenna so when switching back and forth between them the volume is consistent.

Here is the operation. (refer to schematic).

When you transmit a ground is provided by the radio at the radio tx relay output. This causes RY 1 to turn on and switch the 4 contacts to move. Grounding AMP, Pre-amp, and unused RCA connectors. Also the contact going to RY2 and lamp.

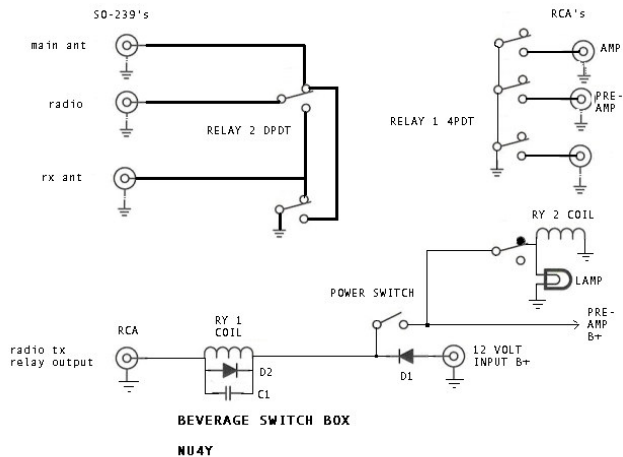


This relay is always in operation even if the beverage ant is not in use. If you turn on the power switch, RY2 's coil has 12 volts and turns on the lamp and switches the radio's SO-239 to the receive ant. When you transmit now RY 2 coil turns off switching back to the transmit antenna and turning off the light. The beverage ant's are grounded in transmit and when not in in use. The transmit antenna is grounded when the beverage ant's are in use.

The purpose of D1 is to help prevent hooking up reverse polarity, D2 and C1 prevent back EMF from the relay coil locking up the unit. (I did not install these on one version only to have to put it in during a contest). Obviously this goes between the radio and amp as the contacts and wiring probably would smoke at the 1.5 kw level.

In my version pictured here on the left the Radio SO-239 is really a piece of RG8X coming out of the box. This allows hook up in a hurry having the jumper built in. Also there was not a lot of real estate on the back of the box for another SO-239. The Pre-amp B+ is also just a cable. This turns the pre-amp on when the beverage is being used and off when on the main antenna.

The whole thing runs from 12 volts. I use a 12 volt 350 ma wall wort and powers the box and pre-amp. The DPDT relay is a Radio Shack 10 amp contact 12 volt relay 275-218. The 4PDT relay also came from Radio Shack but I do not see it in on the web site any longer (Potter and Blumfield ?). D1 and D2 are 1n4001's and C1 is a .01. The lamp is a 12 volt green lamp. I could of used an led w/resistor.



Have fun. Jim, NU4Y

## 2009 CQ DX Marathon

by *Richard Hicks, K4UTE*



The fourth running of the **CQ DX Marathon** began at 0000 UTC on January 1, 2009, and runs through 2359 UTC on December 31, 2009. The goal, as always, is to work as many countries and CQ zones as possible at least once during the calendar year.

Our outgoing NFDXA president, **N4KE**, has challenged all NFDXA members to compete within the membership. According to **Ron** there *will* be (unspecified) prizes awaiting the NFDXA category winners at the end of the year.



I hope everyone will give the contest a try, it will help you get on the air again as every country is a new one and there are different categories depending on your antenna and power. This contest uses the CQWW countries list. **Mike, NF4L**, is working on a version for the NFDXA club page.

The only change from the 2008 rules is that the prohibition on assistance, such as lists and passes, for the Unlimited Class is deleted (the limitation remains in effect for the Formula Class). Once again they will use a downloadable Microsoft Excel template which may be filled in and e-mailed to a special address as your log entry

This is the conversion program for converting ADIF to excel which is the score sheet for submitting your result to CQ magazine.

<http://software.ad1c.us/marathon/>

The rules and spreadsheet for tracking contacts are here. If you do not have excel you can get it free at the link below.

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

For complete details, please visit the following Web page at:

<http://cq-amateur-radio.com/DX%20Marathon%20Rules%20Dec08.pdf>

— *Richard, K4UTE, VP*

## Antipode



Ever wonder what literally is on the other side of the world from you?

To find out go to this cool site and plug in your coordinates. <http://www.antipodemap.com> <http://www.antipodemap.com>  
You might be surprised.

Just *WHAT* is an antipode, you ask?

According to Wikipedia, "In mathematics the antipodal point of a point on the surface of a sphere is the point diametrically opposite it — so situated that a line drawn from one (point) to the other (point) passes through the center of the sphere and forms a true diameter."

This term also applies to the opposite points on a circle. Antipode comes from the Greek word antepodes which originally meant "opposite the feet".

*You can  
always learn  
something  
new in  
Amateur  
Radio*



## OH8X, home of some REALLY big antennas

How would you like to have the aluminum overcast in the picture on the right set up in your back yard? Think the XYL would object? The Audubon Society? How about the FAA?

This is the latest monster array to be erected at the OH8X contest site on the Arctic Circle deep in the aurora zone in northern Finland. It's a five-element, full-sized 80-meter beam over a three-element Yagi for 160 meters! If that doesn't cause you wonder, this multi-ton pair sits on top of a 100-meter rotating tower. To give you an idea of the scale we're talking about, the dark 'specks' on the 160 meter antenna's boom near the 100-meter crane are people at work on the humongous rig!

You will probably hear the 160 meter signal during the upcoming CQ WW 160 meter CW test January 24-25.

This 80-160 meter combo isn't the only super-large array at the OH8X site. The antenna farm is more like a plantation with full sized Yagis for every HF Ham band mounted on 7 towers ranging in height from 32 to 105 meters. Talk about cloud ticklers.

I'm reminded of what a friend of mine who was a Disney vice president said to me after we had toured the recently completed Contemporary Hotel and 7-Seas Lagoon, both of which had been constructed on what previously had been trackless swampland: "This is what God would have done if he had had enough money."

And, so it goes...NW4C



Towers 1x105m, 3x60m, 1x40m



## Frequency Change for CHU Canada

After 70 years of broadcasting Canada's official time, the National Research Council's short-wave station [CHU](#) will move the transmission frequency for the 7335 kHz transmitter to 7850 kHz. The change went into effect at 0000 UTC on January 1, 2009.

In April 2007, the ITU reallocated the 7300-7350 kHz band from a fixed service to a broadcasting service. Since then, the NRC said there has been a lot of interference on the 7335 kHz frequency from many information broadcasters around the world.

"CHU listeners in Canada and around the world who have for so long considered the 7335 kHz frequency exclusively for time signals, are very vocal about this interference," said Raymond Pelletier, Technical Officer at the NRC-Institute for National Measurement Standards, who oversees the CHU facility. "We have heard

from Amateur Radio operators, watchmakers, astronomers and navigators who use the tones and voice signals. We also received comments from those who use the carrier as a calibration source at a distance for their equipment.

Broadcasting 24 hours a day, CHU is a part of NRC's system for disseminating official time throughout Canada. Listeners hear tones to mark the seconds, a voice to announce the time in French and English and digital data to set computers. The atomic clocks at CHU are part of the ensemble of clocks in the time and frequency research laboratories at the National Research Council Canada in Ottawa. — **ARRL Web**



## NU4Y Sez . . . (continued from Page 2)

Since we did not have a meeting in Dec. here is what has been going on in my shack. I had a little time and decided to operate some in the CQWW CW the end of Nov. I only had a lpt CW interface and have never got it working with XP, so during the contest (naturally) I built a serial port interface. I have 5 com ports and worked perfectly. Made 101 Q's 15 zones and 46 countries on my 20 foot high dipole w/100 watts.

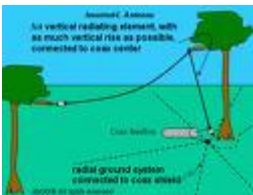


The next weekend was the I60 contest. The antenna is terrible for I60, I am trying to get something up for I60 before the end of the month. Even my highest tree only gives me about 50 feet and am working on doing something. Helium balloon has come to mind. I had bought some wire on Saturday of the contest and intended to put up a L, but other family stuff lack of incentive ended that. Made only 21 contacts in 12 sections. Felt sorry for the people I was calling that would get NU4? and making 10 repeats to make the contact.

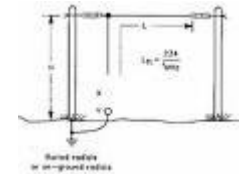
The ARRL 10 meter contest was the next weekend. 10 has been very, very dead, but heard stations on Sat so decided to operate. I spent a lot of the day working on the computer setting up voice keying, but still needed a way to PTT the Icom without the LPT port. Could use VOX, but not really the best way. I learned something new. The Icom will PTT through the CT-17 interface. Got it all working and made 22 contacts on phone and never said a word, just pushing F keys. Results on the same 20' high 80 meter dipole:



	qso's	sections	dx
Phone	22	13	5
CW	61	25	4



The day after Christmas I finally got the inverted L up. Cut for 80 meters. It is not that high, I drilled a hole through a baseball and tied 10 lb fishing line to it. Got it up about 35 feet. Added 4 radials to it and was on the air. Seems to work better on long haul stuff. But the signal still is terrible and need to get it either up higher or at least get the horizontal part more horizontal instead of slopping down. Neither wire antenna works on 40 very well at all and I am going to either add a trap or put up another antenna for 40 meters.



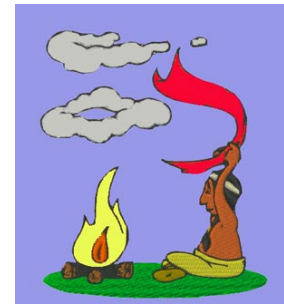
The first week-end in Jan is the ARRL RTTY Roundup. I did not know this, but heard all the activity and was just decoding some of the stations with the ICOM.. I had MMTTY on my old computer but not on this one. Spent most of Sat. reading and downloading program to install and interface with Writelog. I also had to build another interface with PTT, FSK and isolated audio to the computer from the Icom. I had everything I needed in the junk area, 8 pin din plug, transistors, resistors wire etc. I still needed a I-I transformer and a DB-9 female. Sunday went up to Radio Shack and picked up the DB-9 and they no longer have the I-I transformers. So had to wind my own, great. Also picked up a DB-15 instead of DB-9 by mistake. Finally found I on another cable that I recycled. Finally got everything setup and running about 3:30 pm local on Sunday. With Writelog this works fantastic. Print is good even down to the inaudible level and call signs pop up in colors of green for new stations, yellow for new mults, and red for dupes. Just click on the call signs and work them. This was actually a blast and works great. I can't wait for the WPX RTTY in Feb. It is the same weekend as Orlando Hamcation and now I am conflicted. Made 88 q's and 46 states and countries. If the antenna was better on 40 meters could of made more. On 80 meters the new inverted L was much better.



Have a new contest for you all. We need to re-name the newsletter as Pile-Up is already in use elsewhere. A free meal for the winner. Contest ends Jan.31. Make all entries to [NU4Y@comcast.net](mailto:NU4Y@comcast.net) winner will be decided on by some group formally from the Clinton administration.

CU all (I hope) at the next meeting.

Jim NU4Y



## For Sale...For Sale...For Sale...For sale...For sale...For Sale



I'm cleaning out my shack. Here's a list of what I have.

**SOLD**

**NCS 3230** [http://www.ncsradio.com/m\\_rx.html](http://www.ncsradio.com/m_rx.html)  
\$349.00 New Asking \$275.00

**SOLD**

**NCS3240** [http://www.ncsradio.com/m\\_switch.html](http://www.ncsradio.com/m_switch.html)  
\$299.00 New Asking \$200.00



**IC-910H** Has 2 DSPs, CR-292, FL-132, FL-133, Just back from the Icom service center Asking \$1400.00



**IC-756PROIII plus PS-125**, Very clean and working.  
Asking \$2000.00



**IC-2720H** dual band mobile radio. Asking \$250.00

Everything is boxed and ready to go, just call me at **(904)254-4671**. Hope everyone had a good holiday season.

**Ron, N4GFO**



## No (Ham Radio) joy for K4EB/MM effort...

Just got back from a Bahamas cruise for 4 days, doing two shows on the ship in 4 days. Since I had a lot of free time, I decided I would take an **IC-7000**, power supply, **W6MMA MP-I** super antenna and all of the condiments to get on as **K4EB/MM**.

I set the antenna up on the rail of my outside cabin on the 7th deck, ran the counterpoise and got it tuned to reasonable SWR on several bands. But there was a small problem, I was one deck below and only 20 feet away from the bridge!

.It did not take very long before there was a knock on my door from a guy wearing an officers uniform. Actually they could see my antenna from a wing of the bridge, He didn't say that I caused any interference to their electronics, but was very adamant that I stow

the gear and not set it up again. So since I am not a very good swimmer, after 2 US contacts, K4EB/MM was QRT.

So I began trying to work YL's, on the boat, and that turned out very well. And I don't have to send any QSL cards...

Unfortunately, I can't make the NFDXA meeting Saturday. Have to do some studio work in Atlanta.

Say howdy to the guys.

**73, Larry, K4EB (Known 4 Excellent Bass)**

## N1WON Going Mobile for FL QSO Party

I've been trying different antenna setups with my **TS-480** and think that I'm almost there. On 20 meters anyhow.

Propagation hasn't been very good for a few days but last week I could work anything that I could hear. I'm using a **Hustler Short Stick** antenna with a **Mag Mount**. I'm going to try it with an extension that will add about 2 feet to the height. If that works out ...and stays on the truck ... I'll add other bands. I'm using quick disconnects but will probably stay with 20 meters as a rover in the **Florida QSO Party**.

— Cory, N1WON

## Earthquake Strikes Costa Rica—Emergency Frequency Declared



(Jan 9, 2009) -- On Thursday, January 8 at 1921 UTC, an earthquake measuring 6.2 on the Richter scale struck the Central American country of Costa Rica. The earthquake, with an epicenter located about 22 miles northeast of San Jose, comes after a series of almost 60 seismic events that have rocked the country since early this week.

The **Radio Club de Costa Rica (RCCR)** -- that country's [IARU](#) Member-Society -- is monitoring local repeaters and **7090 kHz**.

IARU Region 2 Emergency Communications Coordinator **Cesar Pio Santos, HR2P**, [requests that 7090 kHz be kept clear of non-essential traffic due to possible emergency communications dealing with the earthquake](#). The ARRL encourages all amateurs to be aware of the emergency operations on this frequency. US amateurs should avoid interfering with Spanish language SSB while using digital modes. — **ARRL Web**

## Some Closing Thoughts . . .

Well, here it is such as it is, The **PileUp**, the first issue of a newsletter for the **North Florida DX Association**. It is the brain-child of outgoing president **Ron, N4KE** and to him goes credit for its inception. From here on out, though, it's up to us, the **NFDXA** membership to keep it going.

As you can see **PileUp** is a collaborative effort with a lot of contributions from several of the club's members. By no means will this newsletter be a one man band.

One contribution example in this first edition is the great construction article of a Beverage switch complete with schematic and pictures by author **Jim, NU4Y**. It is clearly an issue highlight.

Also, the summary of the herculean efforts of **Ron, N4KE, Jim, NU4Y** and **Steve, AB4UF** and their story of the collective effort they made to get the **VP5DX** contest station put back together in time for the 2008 WPX after a three-day battering from

Hurricane Hanna. Their modest recollections should make us all realize how much can be accomplished when a team works like hell and doesn't give up.

I hope to have many features and photos of local interest in future issues but I'll need some help from you, the reader. No club-related item is too small or inconsequential for this newsletter. Got a new rig? Old antenna coming down? Unusual QSO? Anything ham-related involving you, the **NFDXA** member, is grist for our little mill. Just let me know what's going on.

One sad note, we must come up with a new name for our newsletter. It seems that **PileUp** is already the name of a well-known Finnish DX publication and has been for years. What do you think about a club-wide contest for a new name? Stay tuned.

— Warren, NW4C

2009 NFDXA DUES ARE DUE — SEE KC4FWS

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