

# New Bern Amateur Radio Club

Volume 33, Issue 9

September, 2010



foto by W2RLG & W2HVX



Logo tnx to Eve, XYL of W2HVX

Next Meeting September 2nd, 2010, Time: 6:30 PM, Location: The Courtyards @ Berne Village, 2701 Amhurst Blvd. Menu: Soup, Iced Cake (Chef's Choice), Fried Chicken, Baked Fish, Confetti Rice, Sweet Peas, Dinner Rolls, Cost for the meal is \$7.00

Call Bob Melle, AJ4XS, to confirm your attendance/meal @ 252-633-6596

## John A. Jaskolka KR4ZJ

The Multiple Sclerosis fund raiser "MS Bike Historic New Bern Ride" is September 11-12, 2010. You can help by volunteering. Volunteers are needed before, during and after the event. To volunteer with NBARC contact Ken McCain K4KDM. For more information on volunteering in other positions contact [haley.transou@nct.nmss.org](mailto:haley.transou@nct.nmss.org) or 919-792-1015.

If you can help by making a monetary donation, please support my ride. I have been helping and riding for six years. Last year I rode 175 miles and raised \$1650. This year intend to ride the full 200 miles and hopefully raise more money. You can support my ride in one of the following ways: Make a donation by check to National MS Society with John Jaskolka in the "For" line. Mail the check to:

National MS Society  
Eastern NC Chapter  
3101 Industrial Drive,  
Suite 210  
Raleigh, NC 27609

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## Treasurer's Report

Ray Hemphill, W7OPH

Savings Account:

Balance: \$1809.09

Checking Account:

Credits:

Reimbursement: \$ 95.01

ARRL Renew Hemphill \$ 39.00

Door Prize \$ 23.00

Debits:

Cost of Repeater \$ -600.00

Equipment Insurance \$ -297.50

ARRL Renew Hemphill \$ -37.00

Century Link \$ -24.64

Progress Energy \$ -33.11

Antenna Repair \$ -95.01

Ending Balance: \$ 953.97

Or contact me and I will pick up the check. Make a donation to my page on the internet at:  
[http://main.nationalmssociety.org/site/TR/Bike/NCTBikeEvents?px=1782016&pg=personal&fr\\_id=13428](http://main.nationalmssociety.org/site/TR/Bike/NCTBikeEvents?px=1782016&pg=personal&fr_id=13428)

### NBARC Repeaters

Sid Purvis, WA4VBC

NBARC Repeater Users: Just for info: In the last few days we have been getting signals from other ham repeaters, both VHF and UHF that has caused some interference. I have picked them up direct (not through our repeater but on our repeater output frequency) on the mobile and my fixed station. Others have noticed the same thing. The strongest signals are coming from SC. I also heard Wilson, NC on UHF as well as others recently. Under normal conditions there is enough distance between the stations that it is no problem, but transmission conditions have been unusual in the last few days. For working DX that is a good thing, but for repeaters it is not good. Just wanted to let you know we may hear some strange noise on the repeaters. This would also be good for temporary use especially during a hurricane. I would be happy to show you mine, if interested. Call if any questions on these antennas.

### Minutes of Meeting

Robert Melle, AJ4XS Secretary  
5 August 2010

The regular monthly meeting of the New Bern Amateur Radio Club was held this date and the meeting was called to order at 7:00 by President Dave Warwick, K4DJW. There were 27 names on the roster, one of which is attached to these minutes.

Bill Lindquist, K2UFC is missing a pair of jumper cables from field day. If you were there please look through you supplies and see if you might of packed them up by mistake.

Ken McCain, K4KDM announced that The MS 150 is September 11 & 12 and volunteers are needed. Ralph Bitely, N4RAB (SK) widow is selling all his equipment. Ken should have a list by next meeting.

Sid Purvis, WA4VBC gave an outstanding presentation on a Vector Network Analyzer. This little in size but not in price computer controlled device can solve many problems with antenna and coax systems.  
(Continued on next column)

It logs SWR, mixing VNA and can even tell you the length of your coax. Thanks Sid!

Ray Hemphill, W7OPH gave a presentation on Direction Finding for tracking down Epurbs and aircraft emergency locator transmitters. If you are lost Captain Ray and the CAP will find you!

The 10 meter antenna for our door prize raised \$23.00. Motion to adjourn at 8:10.

### ARES Angle

Jim Wright KS4O

ARES EC for Craven County, NC

### **Hurricane Earl is heading straight for New Bern!**

OK, I know Earl is predicted to turn north, and most likely we'll see not much other than waves on the coast. But it's a clear wake-up call. Are we ready? I don't think so. So what do we need to do?

As you may know, Pat Gorman resigned his position as Area 3 Emergency Coordinator. The new AEC is Charles Phillips NC4LA, formerly (and still acting) EC for Lenoir County. For now he's "wearing two hats." I met Charles this past Saturday when I attended the monthly meeting of the Carteret County Amateur Radio Society (CCARS). We had a good breakfast at the Golden Corral and the subsequent business meeting primarily involved emergency preparation. At the meeting Charles introduced the new EC for Carteret County, Terry Passey K4TRP.

Rich Wright KR4NU did the presentation and led the discussion. One thing that Carteret County ARES does is to pre-assign one or more hams to each shelter.

This means ARES members know where they'll be deployed and can plan accordingly. They also have pre-assigned frequencies including simplex backups. I really like these ideas, and I'd like to see us do something similar in Craven County.

In Craven County we have four primary shelter locations:

Havelock High School  
Brinson Memorial Elementary School  
Vanceboro Farm Life Elementary School  
Ben D. Quinn Elementary School

We also need communications at the EOC downtown and at the Red Cross office in River Bend, so that means a minimum of 6 and preferably 12 hams assigned.

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Please consider volunteering to be pre-assigned to one of these locations. I'd like to see at least two hams assigned to each location. That way we can support each other and perhaps even get a little sleep!

On August 5 Stanley Kite held his annual Hurricane Support Group meeting for Craven County Emergency Management. Once again he emphasized to all present that ham radio communication is very important, and he gave me some time to make the same point to the group. Stanley really does count on us, and we need to be ready.

### *ICS Training*

In April there was a statewide ARES meeting in Raleigh. The decision was made that everyone at the EC level and above must be "certified" by taking the FEMA courses ICS-100, 200, 700, and 800b. The deadline was July 1. Those of us who didn't follow this mandate and didn't complete the four courses by August 1 are not in the NCARRL database of ARES leaders. If you go to <http://www.ncarrl.org/ares/training.html> you can read about the requirements and the justifications. They throw around words like "compliance" and "requirements" without really making themselves clear. The whole idea is that we're supposed to be "NIMS Compliant." Well, if you have some spare time to entertain yourself, do a Google search for "NIMS Compliant" and see if you can find out what it means. And if you succeed, please tell me! I have yet to hear a definition, and I've done a lot of looking.

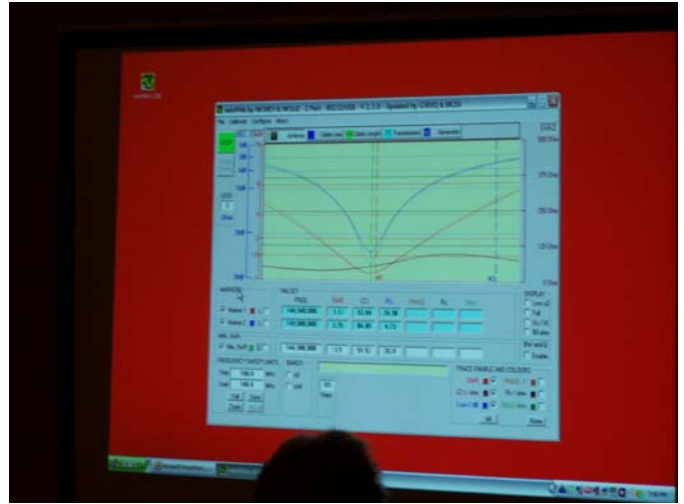
On the NCARRL web site, if you look up the EC for Craven County (me) or the EC for Jones County (Dave Warwick) you'll see the word "Vacant." BUT... our new AEC assured me this past Saturday that I am indeed still the EC for Craven County. Only about 40 of the 100 NC counties have ECs in the database. As far as I know most of us continue to function in our (prior?) assigned roles.

I have taken one of the courses, and I expect I'll take the other three and become "certified." Much to my surprise, the one course I have taken appears to be useful. While I seriously doubt the courses would have one iota of impact on a ham's ability to communicate, I still encourage you all to take the four courses. You can go to FEMA's online Emergency Management Institute at <http://training.fema.gov/is/> to take the online courses and take the exams.

That's it for this month! Don't forget the BikeMS ride is September 11 and 12.



Ray, W7OPH Explaining how CAPS performs DF'ing during Search and Rescue Operations



Sid, WB4VBC explaining Vector Network Analyzer (VNA)

Thanks to AI, W8UT for the pictures!

Corrections from last month's newsletter:

Bill Ash was incorrectly identified in a picture as K2GAH, correct call is N2GAH.

Identified as a guest seated across from Bob, AJ4XS is Peter Guerry, KD4TOC from Newport.

Seated next to John, KR4ZJ is a visitor Mike Cuttic, K3KNL from Frackville, PA.

Nathan Warwick was incorrectly identified K4EJW, correct call is K4EAW

## Frequency Chart

Frequency	Time	Day	Mode	Name	Offset
3.573	2200	Daily	CW	Carolina's Net (10 WPM)	
3.571	1900	Daily	CW	Carolina's Net (20 wpm)	
3.695	1800	Daily	CW	Carolina Slow (CSN)	
3.907	1900	Daily	LSB	NC Emergency Net	
3.908	1900	Daily	LSB	Coastal Carolina Emergency Net	
3.923	1930	Daily	LSB	NC Amateur Radio Emergency Services (ARES)/Tarheel Emergency Net	
3.923	1830	Daily	LSB	NC Evening Net (NCEN)	
3.927	0745	Daily	LSB	NC Morning Net (NCMN)	
7.177	0730	Saturday	LSB	Jarhead Net	
7.224	0730	Mon-Fri	LSB	Fairfield Harbor Cruising Net	
7.268	0745	Daily	LSB	Waterway Radio & Cruising	
121.500				Aircraft Guard (Emergency)	
145.110			Repeater	Columbia	(600 KHz down)
145.150			Repeater	Nags Head	(600 KHz down)
145.190			Repeater	Jacksonville	(600 KHz down)
145.310	2100	Tuesday		Skywarn	
145.310			Repeater	Trenton	(600 KHz down)
145.350			Repeater	Greenville	(600 KHz down)
145.410			Repeater	Williamston	(600 KHz down)
145.450	1930	Tuesday	Repeater	Newport (Carterte County ARS/ARES)	(600 KHz down)
145.470			Repeater	Kinston	(600 KHz down)
146.610	2000	Sun-Fri	Repeater	New Bern NBARC Ragchew	(600 KHz down)
146.640			Repeater	Raleigh	(600 KHz down)
146.655			Repeater	Elizabeth City	(600 KHz down)
146.685	2100	Thursday		ENC Emergency	
146.685	2030	Daily		ENC Traffic	
146.685			Repeater	Grifton	(600 KHz down)
146.730			Repeater	Wilmington	(600 KHz down)
146.760			Repeater	Swansboro	(600 KHz down)
146.835			Repeater	Nags Head	(600 KHz down)
147.000			Repeater	Jacksonville	(600 KHz down)
147.090			Repeater	Greenville	(600 KHz down)
147.210	1930	Wed		Pamlico County ARES	(151.4 tone)
147.345			Repeater	Washington	(600 KHz down)
147.375			Repeater	Greenville	(600 KHz down)
148.150			Repeater	Civil Air Patrol	(600 KHz down)
154.400				Craven County Fire Rescue	
154.800				Jones County Sheriff	
155.685				Craven County Sheriff Tactical	
155.970				Police Mutual Aid	
156.210				Craven County Sheriff	
156.300				CG Search & Rescue	
161.800				Marine Distress	
162.400				NOAA Weather (Newport)	
243.000				Aircraft Guard	
444.900			Repeater	New Bern	(5 MHz up offset)