

New Bern Amateur Radio Club

Volume 33, Issue 8

August 2010



foto by W2RLG & W2HVX



Logo tnx to Eve, XYL of W2HVX

Next Meeting August 5th, 2010, Time: 6:30 PM, Location: The Courtyards @ Berne Village, 2701 Amhurst Blvd.

Menu Buffet Style: Cornish Hens, Baked or Grilled Chicken Breast, Green Beans, Macaroni and Cheese, Cornbread

Cost for the meal is \$7.00

Call Ed, W2YPM, to confirm your attendance/meal @ 252-637-3161

President's Corner

Dave Warwick, K4DJW

Well, it has been a hot and humid summer so far. They say the hottest part of the day is between 2:00 and 4:00 PM, so be sure to stay in the shade and drink plenty of ice water. Just plain water; yes, ice tea and other drinks have water in them but the body has to filter out what it does not need. So plain water is the best.

Field Day went fine, as usual. Thanks to Mark W2EAG for planning it and all those who helped set up and all those who made contacts. We had several visitors stop by including Channel 12 and the News and Observer reporters. We also had ARRL, Craven county emergency services and an elected official stop by which added to our points. It did not rain this year, but as usual they locked us out of the bathroom for a while. Ray W7OPH made a phone call and soon a police car came by and unlocked the bathroom, so all was fine. I'll let Mark give a more detailed report of the results. Bob KJ4HJH identified a few things we could get which would make antenna and coax storage a little more organized for next year, which we will discuss at the meeting.

(continued on page 2)

Treasurer's Report

Ray Hemphill, W7OPH

Savings Account:

Beginning Balance:	\$2,799.87
Transfer to Checking	\$ 500.00*
Ending Balance:	\$2,299.87

Checking Account:

Credits:	
Balance Transfer:	\$ 500.00
ARRL Renew Melle:	\$ 39.00
ARRL Renew Hemphill	\$ 39.00
Membership Dues	\$ 20.00**

Debits:

Field Day Meals	\$ -83.06
ARRL Renew Melle	\$ -37.00
ARRL Renew Hemphill	\$ -37.00
Century Link	\$ -193.88***
Progress Energy	\$ -31.51
Repeater Controller	\$ -600.00
Ending Balance:	\$ 305.00

*Transferred to Checking for purchase of Repeater Controller.

**C. Barr

***Past due bill. To reconnect phone line for phone patch.

Some sad news; I guess many of you have heard, Ralph Bitley N4RAB became a silent key on 18 July 2010. Ralph was a dedicated club member and a good friend. He will be missed by all.

Looking forward to seeing everyone at the meeting.

Product Review and Recommendation

Sid Purvis, WA4VBC

Diamond model 50A/50NA dual band (2 meter/440) base antenna.

I know each of us has a favorite brand and model of antenna and one size does not fit all. However, I recently installed a 50A dual band, 2 meter/440, base antenna that I am very impressed with and one I can highly recommend. The A has a PL 259 type connector while the NA has an N connector; your choice when ordering. I meant to order the N, but missed the option on the order and just keep the A rather than returning it. These antennas are not maximum gain and not the best if you need to work long range. Other models are available for that. They are not commercial grade and I would not install one on a 500 foot tower for repeater use, but they do have some very good qualities for local general base use as outlined below.

The 50A/50NA has 4.5dB gain on 2 meters and 7.2dB gain on 440 MHz. This is respectable gain but I do not know what the gain is referenced to. They are rated at 200 watts transmit power. They are 5 1/2 feet long and weigh approximately 3 pounds. The vertical is white fiberglass and about 7/8" in diameter. One impressive part to me, especially for this area, is that they are rated for 135 mph winds. Most other non-commercial antennas are not rated for that much wind velocity. They appear to be very sturdy and I believe would survive a hurricane if installed on a firm mast that would not whip in the wind. They come with stainless steel U bolts for side mounting to pipe up to 2" diameter. The 2 meter band part is centered at 146 MHz, just about right for our 2 meter repeater. Mine measured about 1.15 SWR at 146.01 MHz. These antennas are far superior to a Ringo Ranger and a J-pole antenna that are being replaced. The price is about \$ 95.00, maybe less at a hamfest or on sale.

I believe these would make great antennas for use at schools/shelters or for any place where we might need to install a permanent club antenna. They blend well with the sky and have a small visible footprint. They (continued on next column)

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.

Robert Melle, AJ4XS Secretary

1 JULY 2010

The regular monthly meeting of the New Bern Amateur Radio Club was held this date and the meeting was called to order at 7:05 by President Dave Warwick, K4DJW.

There were 25 names on the roster, one of which is attached to these minutes.

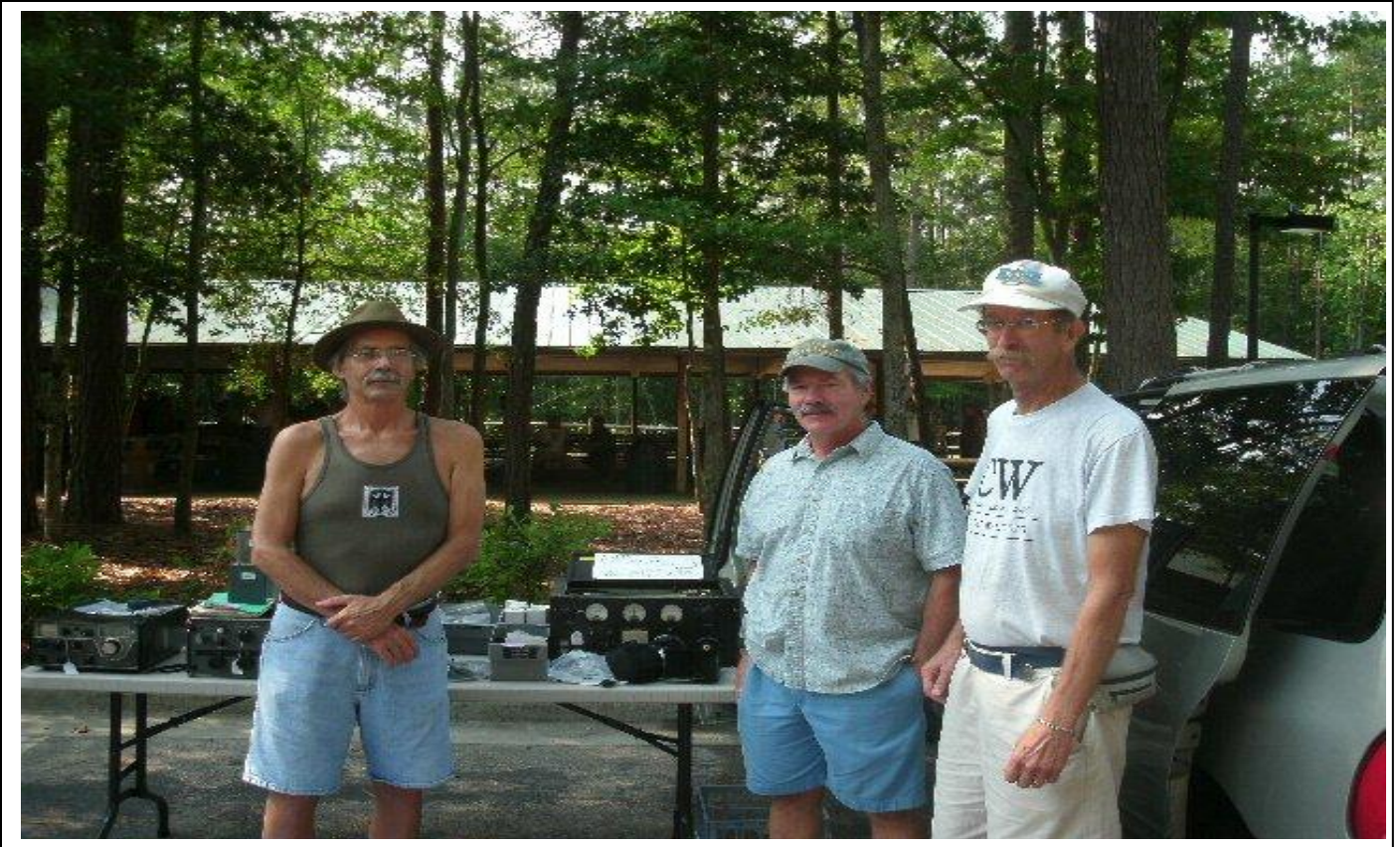
Introductions were made from the floor.

Dave showed a Gatorade bottle Antenna Launcher and explained the few problems with the MFJ antenna analyzer that showed up during the annual field day. Dave told of the highlights of the field day and we should have the final score by next meeting.

Sid Purvis, WA4VBC explained to the club the noise and problems with the 2meter repeater and he is on top of it. The 440 repeater is working great.

Greg Mijal, WA7LYO spoke about having another club sale after the Shelby Ham fest and having flyer's printed up to hand out at Shelby.

Motion to adjourn at 8:05



Here's a pic taken at the Cary 'fest last Saturday, 17 July 2010.
NBARC Members are L-R, Greg, WA7LYO, David, KJ4IGZ, Al, W8UT.



K2OXT-Bob, WA2LUQ- Dick, K2GAH-Bill

KJ4IV-Tom and XYL, KE4YMA-Billie and daughter Terri

Please help identify those that are listed as Guests, also if I've incorrectly identified your CALL SIGN please let me know and I'll correct it.



KA4SXX-Pete, KS4O-Jim, WA4VBC-Sid



KR4ZI-John, Guest, KF4KZD-Denton



KJ4SX-Bob, W7OPH-Ray, Guest



Guest, K0UXZ-Dick, WB1CCY-Bob, KC2KR-Lloyd



K4EJW-Ethan, K4DJW-Dave, N8UTY-Bruce



WA0ZGL-Mac, K2UFC-Bill, K4JJW-Dick

Frequency Chart

Frequency	Time	Day	Mode	Name	Offset
3.573	2200	Daily	CW	Carolina's Net (10 WPM)	
3.573	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	CW	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	
7.628	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)