

New Bern Amateur Radio Club



W4EWN/R

146.610/ 146.010 PL 100 Hz.
444.900 / 449.900 PL 100 Hz.

Volume 25, Issue 10

October, 2002

Website: www2.cconnect.net/newbernarc

View the Newsletter there in color

October Meeting -- Thursday, Oct. 3, 2002

6:30 PM at The Berne Restaurant

Program for the October meeting: Guest speaker is Nick Petro, N3OET, Meteorologist with National Weather Service, Newport. He will speak about severe weather and Amateur Radio.

Door prize: A 12 volt trouble/emergency/operating light, brand new, has been donated by Mac, WA0ZGL.

Former FCC Official A. Prose Walker, W4BW, SK

QST de W1AW
Special Bulletin 7 ARLX007
From ARRL Headquarters
Newington CT September 27, 2002

Former FCC official A. Prose Walker, W4BW, the man some consider the godfather of the so-called "WARC bands"--30, 17 and 12 meters—died August 8 following a brief illness. He was 92. Word of his death reached ARRL Headquarters this month.

Walker, who headed the FCC Amateur and Citizens Division from 1971 until 1975, made the initial proposal for three new amateur allocations at 10, 18 and 24 MHz during an International Amateur Radio Club (4U1ITU)

meeting in Geneva in 1972. Later, he organized and chaired the US preparatory committee for the Amateur Service--the Advisory Committee of Amateur Radio--which took the initial steps to turn the idea into reality at the 1979 World Administrative Radio Conference. The committee also included former ARRL General Manager Richard L. Baldwin, W1RU, who said this week that he was greatly saddened to learn of Walker's passing.

"One of my fondest memories of WARC 79 was the pleasure and the challenge of working with Prose in preparing for that conference," Baldwin said. "He was a stalwart supporter of the Amateur Service, and few amateurs realize how very much they owe to him."

FINANCIAL REPORT

Sept. 01, 2002 ---- Sept. 30, 2002

CHECKING

Balance @ August 31, 2002		\$1,886.01
Expenses:		
09/06	C P & L	30.29
09/19	Sprint	39.32
09/23	Insurance	187.00
09/25	Mail Boxes Etc.	<u>53.25</u>
	Total	\$ 309.86
Subtotal		\$1,576.15
Deposits:		
09/06		<u>83.00</u>
	Total	\$ 83.00
Balance @ Sept. 30, 2002		\$ 1,659.15

SAVINGS

Balance \$ 1,134.39

GRAND TOTAL \$ 2,793.54

President's Corner

Seems like only the other day we were looking to spring and summer. Summer flew by and now we are looking at fall and winter. Soon, no more cutting of the grass, tending the pool, or hand washing the car. Come to think of it, I rarely wash the car. Anyway, time to think of projects, DXing, and perhaps some antenna plans for when the snow gets deep.

After not saying a lot up to now, I would point out two items that might be of interest. Seems the ARRL has been fishing for some frequency allocations in the 5 MHz area. Several stations have been issued a special license for testing. Experimenting and propagation work has been going on for some time now. These folk are operating around 5.260, 5.280, 5.290, 5.400, and 5.405 MHz. The later was designated as a calling frequency. I haven't heard

anyone as of this date. Of course I'm not listening all the time. I have run propagation checks listening to aviation weather stations out of the U.K. The following stations can be heard between the hours of 0200 and 0300 UTC. Listen for WWCR on 5.070 MHz, RAF Volmet on 5.470 MHz, and Shannon on 5.505 MHz. I don't know about you all, but I could get excited over having another band to operate on. It would give justification for another antenna and maybe another rig. My rigs can operate in that range now so I'm ready to go. Stay tuned to QST and ARRL.org.

One last note. Septembers QST featured an article titled "Build the Badger". This little trick can be fun and be a useful station accessory. The surface mounted chip is the same as the one I used in my QRP Keyer. With lots of modes and features it will be handy. I have placed my order but don't expect to get it until sometime in October due to the backlog of orders. You might want to take a look at this little project. **HAVE FUN - wa0zgl**

October Operating Events

Special Events

Oct 12 - Nowhere, KS: Douglas County ARC, **W0UK**. 1400Z-2100Z Oct 12. Midland Historical Railway Train, Baldwin City to Nowhere, KS. 21.365 14.245 7.245 7.044.

Certificate: Ken Blair, KC0GL, 1711 W 19th Ter, Lawrence, KS 66046

Hamfests

Oct. 5 - Rock Hill, SC, York County ARS
<http://www.ycars.org> Email: coy@cetlink.net

Oct. 13 - Maysville, NC, Maysville Hamfest Assn, contact Donna Jones, KB4MYE Email: kb4mye@coastalplanes.com

Oct. 26 - Sumter, SC, Sumter ARA
<http://www.geocities.com/CapeCanaveral/2695/sara.htm> Email: higginsj@sc.rr.com

Nov. 17 - Benson, NC, Johnston ARS
<http://www.jars.net> or: William Lambert, AK4H
Email: blambert1@mindspring.com

The Communications Corner

By Bruce, N8UTY

MS-150 A Big Wet Success

Despite rains from Tropical Storm Hannah, the MS-150 Bikeathon went off very well on September 14th and 15th. Around 650 bicyclists, along with about 100 volunteers, braved wind and rain on Saturday on the Pamlico County loop. On Sunday, the Craven County day, it remained dry, a welcome relief for all. There were several accidents, some serious and some not. One young lady suffered a broken pelvis and another rider had a broken collarbone. Along with the usual minor falls, skinned knees, etc., the medics and doctor were ably dispatched via amateur radio to take care of these challenges. We also helped to move supplies from spot to spot, to transport broken-down bicycles, to watch for hazards on the route, and a myriad of other tasks big and small.

APRS was used for the second year, to allow organizers and net control to track the progress of the First Rider, the Last Rider, key personnel such as the doctor, and even the supply trucks as they made their way around the course. Family Radio Service (FRS) radios were also used to allow some event staff to keep in touch with Net Control, even though they did not have a ham with them. Flexibility in the use of different modes like this makes our job easier and our value to the Multiple Sclerosis team higher.

Hams from the Craven/Carteret/Pamlico county area were in abundance, more than ever before at any MS-150. They included: Sandy Downs, **KE4CTJ**, Bill Sanford, **KG4IUA**, Ken Ball, **KE4BKR**, Charlie Gould, **K4VC**, Vince Sipple, **N6JIB**, Marijane Sipple, **NP2AZ**, John Jaskolka, **KR4ZJ**, Dave Warwick, **KB4EBT** (and son Ethan on Sunday), Pete Koonce, **KA4SXX**, George Hurley, **N2UCH**, John Knauth, **KF4OIP**, Preston Carawan, **KF4YNK**, Jamie King, **W4JHK**, and Charlie Rist, **K3IJB**. It seems they all had a pretty good time (although they looked kind of tired when they said so!) and many of them said "Count me in for next year." You bet we will.

Bruce, N8UTY

The ARES Angle

Sept. 26, 2002

In September, Tropical Storm Gustav (later to become a hurricane) reared its ugly head, for our first ARES deployment in quite some while. Given the possibility of flooding, Craven County opened two shelters. We manned both shelters and the EOC. In addition, the City of New Bern Fire Dept. requested that we send a ham to their communications facility so that in the event of phone outage they would be able to communicate with the EOC. This is a first for us and a sign of increasing respect for ham radio among our public servants.

Immediately after Gustav, we had Tropical Storm Hannah down in the Gulf, which dumped some rain on us, and a couple of other tropical depressions. Today, as I write this, we are getting rain from Isidore, which again is way down in the Gulf—it is amazing how these storms can have such wide-ranging effects. Looking at the weather map, there is cloud cover from Isidore all the way up to Maine.

Lili is down in the Caribbean, and should affect Florida in the next few days, and who knows what Kyle is doing out there in the middle of the Atlantic. In other words, they don't call this the height of the tropical weather season for nothing - they've been coming fast and furious.

Which reminds us we should always be ready. Gustav sprang into existence, not somewhere out near Africa where we would have a week to track its approach and prepare, but right off the coast. We had about a day's notice. This is not enough time to make and implement a plan. We need to have our plans made, our equipment in readiness, and our minds prepared for when we are called upon.

There are those who say that the heyday of ham radio in emergency services is past, with all the new

means of communications that can be used. Stanley Kite, Craven County emergency manager, made the point most capably at our September meeting: when all the others fail, and they do, he can always count on hams. That is because it is not just a matter of having the right equipment. Our licensing structure ensures that we have a modicum of knowledge so that we understand the technology. Our service structure ensures that we have a chance to practice our skills, find out our weaknesses, and improve our abilities. That is why a straight key or an HT in the hands of a skilled ham is worth more than a satellite phone in the hands of a government employee or Red Cross volunteer. Skill plus practice plus equipment all combine to make us the valuable resource that we truly are.

That being said, it is almost time for the annual Simulated Emergency Test. In contrast to past years, when we have usually done this on a Saturday, this year we will do it on a weekday. The reason for this is simple - I want to be able to go to the offices of our served agencies, from the Red Cross to the Department of Social Services, and actually get them involved. They have been invited in the past. We will go to them this time. We will not take much of their attention, but we will get in, get them to pass at least one piece of traffic, and then vamoose. I think it would be worthwhile to drop in on someone at the Sun Journal as well, if only because they are such staunch supporters of our efforts, to show them that we do appreciate what they do. The exact date and time will be announced at the October club meeting.

And for now, that's the ARES Angle.

Bruce Arnold, **N8UTY**

Craven County EC

ARRL ANNOUNCES NEW GEAR FOR ARES VOLUNTEERS

ARRL has announced that new gear for Amateur Radio Emergency Service (ARES) volunteers is now available. The initiative to offer stylized ARES gear to volunteers arose during the ARRL Board of Directors' meeting last

January--in the wake of Amateur Radio's deep involvement in responding to the September 11 terrorist attacks. The Board asked ARRL staff to look into the possibility of developing distinctive garments for use by ARES team members that would be similar to jackets and vests worn by other public service volunteers.

A questionnaire circulated among ARRL field volunteers indicated overwhelming interest in the idea. Results of the survey plus additional feedback from ARES volunteers led to arrangements to make available ARES vests, windbreakers and equipment bags.

The ARES vest is a reflective-style garment similar to those worn by law enforcement officers or joggers. This orange "bib" can be worn over a shirt or jacket. Constructed of neon mesh with large front and back reflector panels, the vest is imprinted with the words "AMATEUR RADIO COMMUNICATIONS" on one side.

The vest is lightweight and easily folded and stored in your immediate-response kit. It features adjustable side straps, and one size fits most. The ARES vest retails for \$9.95 plus shipping and handling.

The brightly colored, royal blue windbreaker jacket features an embroidered ARES logo on the front and the words "AMATEUR RADIO COMMUNICATIONS" in white lettering on the back. The jacket is 100% Nylon, and has a snap front and a polyester lining. There's a bottom drawstring to keep out drafts, plus side slash pockets and elasticized cuffs.

ARES members may personalize their windbreakers with FIRST NAME and CALL SIGN (optional) for an additional \$4. Sizes are medium (M), large (L), and extra-large (XL). The windbreaker retails for \$30.95 (sizes 2X are \$34.95 and 3X are \$38.95), plus shipping and handling.

The ARES equipment bag is the perfect immediate-response kit! It offers lots of places to

store hand-held radios, spare batteries, paperwork and manuals, portable rigs, coaxial cable, clothing, and more.

The ARES equipment bag comes in black only. It's embroidered with an attractive three-color ARES logo. It includes both hand and shoulder straps, heavy-duty zippers, Velcro and quick-snaps. It's great for travelers or as an airplane carry-on too. The bag measures 20 inches long by 11 inches tall and 10 inches wide. It retails for \$24.95, plus shipping and handling.

All orders must be placed through ARRL's authorized agent -- Barker Specialty Company <http://www.barkerspecialty.com/arrl> ARRL Headquarters cannot handle orders. Barker Specialty also carries other official ARRL sportswear and supply items.

ARES stickers, decals, patches and other public service supply items are available directly from ARRL's online store <http://www.arrl.org/shop>

The Hurricane Watch Net

The Hurricane Watch Net and the operation at W4EHW at the National Hurricane Center in Miami are manned entirely by volunteers. We activate whenever a system has achieved hurricane status and is within 300 miles of populated land mass.

Net operations are conducted on 14.325 MHz, and when band conditions warrant, we move to 3.950 MHz.

The Hurricane Watch Net serves two purposes:

To disseminate the latest National Weather Service advisories on active hurricanes in both the Atlantic and Pacific side of the Americas. This includes transmissions to any maritime amateur radio operators that may be in the affected area.

To gather real-time ground level weather conditions from amateurs in the affected areas and to get these reports to the National Hurricane Center via W4EHW in a timely and accurate fashion.

Along with these weather reports, often come reports on damaged roads power outages, structural damage, phone and communications links, and of course reports on injuries and deaths. These non-weather report items are usually relayed to other nets in operation on 20, 40, and 80 who are focusing on Health & Welfare, or by the crew at W4EHW to the appropriate agencies that stay in touch with the National Hurricane Center.

Standard Operating Procedures for stations reporting from the affected area

Do not transmit on 14.325 unless asked to do so by the net control.

Any station located within 100 miles of the eye of the hurricane, or in a watch or warning area is encouraged to check in. Within this group, those who are already experiencing 30 kts or greater of wind or a falling barometer should definitely respond when the net control asks, "Are there any stations in the affected area needing a fill or wish to check in? "

As the hurricane approaches landfall, the net control will narrow requests to a specific area or ask only for stations experiencing certain conditions such as winds at 50 knots or greater.

see: <http://www.hwn.org/> for more info and report forms

SWAP SHOP

FOR SALE: for non-ham friend. **Azden 5000** 2 meter retired CAP mobile with mag mount antenna and mount bracket. Manual included with schematic. 25W 20 memories 140.0 to 149.999 mg Probably early 1990 's but works fine. Make an offer call George, **N2UCH**, at 249 4999 or email at n2uch@cconnect.net

FOR SALE: NBARC logo front license plates. Heavy metal, not flimsy plastic. \$10.00 each, or - **SPECIAL** - 2 for \$19.99. (such a deal, limited quantity available) Call Charlie, **K4VC**, at 633-3178, or e-mail at K4VC@arrl.net

WANTED: Will buy tubes & parts for use in getting & keeping tube eqpt going. Will help anyone who wants to get tube type equipment working and on the air (I work free, or for junk). Al, **W8UT** anchor@ec.rr.com or 636-0837

Cast of Characters:

President: Mac Eutsler, WA0ZGL
Vice President: Pete Koonce, KA4SXX
Secretary: Ray Hemphill, W7OPH
Treasurer: Charlie Gould, K4VC
Communications: Bruce Arnold, N8UTY
Trustee: Tommie Phelps, WA4EME
Assistant Secretary: Doug Whitford, KF4YHG
.Assistant Treasurer: Ralph Bitely, N3XID
Program Chairman: David Sousa, K2CQV
Public Service/Photog: Bob Chamberlain, W2HVX
Emergency Communications: Bruce Arnold, N8UTY
Assistant E. Comm.: Dave Warwick, KB4EBT

The Newsletter Team:

Al Parker, W8UT, Editor
Charlie Gould, K4VC, Data Base/Labels/P.O.mail

The NBARC Newsletter is the newsletter of the New Bern Amateur Radio Club, Inc., PO Box 12483 New Bern, NC 28561. NBARC is an affiliated club with the ARRL and ARES

Any inquiries, comments, items for Swap Shop, suggestions, contributions, and letters for inclusion should be sent to the editor, W8UT, at e-mail: anchor@EC.RR.com

Selected Local Nets

Club Net Manager: Billie Morton, KE4YMA
Craven County ARES: 146.61 MHz, 2000 before threatening wx; monitor during ARES activations
Waterway Radio Cruising Club: 7268 kHz, 0745 daily
Fairfield Harbor Cruising Net, 7224, 0730 M-F
NC Morning Net: 3927 kHz, 0745 daily
Carolina Slow Net (CW): 3715kHz, 1800 (5wpm) daily
Coastal Carolina Emergency Net: 3907 kHz, 1900 daily
Carolinas Net (CW): 3573 kHz, 1900 (25 WPM), 2200 (12-15) WPM) daily
Carteret County ARS/ARES: 145.45 mHz, 1930 Tues./ Emerg Traffic handling 1st Tues. after 4th Sat., monthly
NBARC Traffic: 146.61 mHz, 2000 Tuesdays
Skywarn: 145.21 mHz, 2100 Tuesdays
ENC Emergency: 146.685 mHz, 2100 Tuesdays
ENC Traffic: 146.685 mHz, 2030 daily
NBARC Ragchew: 146.61 mHz, daily, after ENC Traffic closes

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