

New Bern Amateur Radio Club

Volume 23, Issue 11

November, 2000

WD4JMS/R

146.610/ 146.010 PL 100 Hz.

444.900 / 449.900 PL 100 Hz.

Website: www2.cconnect.net/newbernarc

Dues are Due

Charlie reminds us that dues for the year 2001 may be paid at any time (the sooner the better). Dues remain at \$20/yr, checks may be mailed to the club at P.O. Box 12483, New Bern, 28560-2483, or to Charlie Gould, K4VC, at 103 Outrigger Rd., New Bern 28562, or will be cheerfully accepted at the meeting on December 7.

December Program - "Social Hour"

The December meeting will be a holiday social with a gift swap (\$5), which will be on the regular meeting night (**Thurs., December 7th**). OM bring a \$5 gift for OM's, YL's bring a \$5 gift for YL's. Come early to have dinner, "festivities" will begin at 7:00 PM

Recent News of Interest

Following a one-day postponement, Phase 3D Amateur Satellite was successfully launched November 16 at 0107 UTC and placed into a geostationary transfer orbit, from which it will be nudged into its final high elliptical orbit. When the Ariane 5 launcher successfully deployed Phase 3D, that will now will be known as AMSAT-OSCAR 40, or AO-40, at 0153 UTC, cheers erupted from the AMSAT team monitoring the flight's progress in the Arianespace control room. The satellite is not expected to be ready for general use for about nine months.

taken from The ARRL Letter Vol. 19, No. 44 November 17, 2000, for more info, see <http://www.amsat.org>

Field Day 2000 Report

The score sheet is on the street. December issue of QST has all the FD scores. Page 107, third column, just above and to the right of the picture is the WD4JMS tally. With 262 contacts reported, using less than 150 watts, with 10 operators in-and-out, we reported in with 1346 points. Several hundred of those points were bonus points. The bonus point reflected a lot of work for several of our club members. What the score doesn't reflect is the disk full of contacts that never made it to the score sheet. One logging disk got zapped and could not be read. Next year we certainly need a backup for the logging system. We weren't at the top of the scoring and we certainly weren't at the bottom. Next we will shoot for the top. Thanks to all who make Field Day 2000 the success it was. **73 - WA0ZGL**

President's Corner

Has anyone aside myself noticed how quick this year has zipped by ? I think the saying " Time flies when you are having fun" really holds true. Our election (at least the NBARC election) is over and only one more club activity remains for the year 2000. The last club meeting of the year will occur on December 7 and I hope all of you will be able to attend our Christmas meeting. Don't forget, the guys are to bring a guys gift and the gals to bring a gals gift. I'm looking very hard for a transceiver for not more then \$5 . I know someone would like an extra rig. Seriously, I do hope most of you can make it and bring your best friend , XYL, or boss.

I have enjoyed this past year serving as your club president and I am looking forward to 2001. I know the rest of the crew feels the same way and joins me in saying that we are here to serve the membership and will do our best to make your club as successful and more so in the coming year as it has been in 2000. Remember, we can't do it without your support and help.

I would like to relay to you what I read in the December issue of QST. Amateur Radios Enforcer,

Riley Hollingsworth had the following "Ten Tips for a Brighter Ham Radio Future":

1. Be proud of what you have. Let the public know what Amateur Radio is and why it's valuable.
2. Operate as if the whole world is listening. It is !
3. Take nothing for granted. Bill Gates can't and you can't either.
4. You're at a crossroads now, seize the moment, and make this your finest hour.
5. Make sure that on your watch, Amateur Radio never becomes obsolete.
6. Teach the new licensees all you know. Think about the legacy you were given.
7. Enjoy ham radio. Celebrate it. But realize it comes with responsibility. Every gift of lasting value always does.
8. Stay away from arrogant, negative operators who know all the answers.
9. Never allow Amateur Radio to become the audio version of The Jerry Springer Show.
10. I'm standing here talking about enforcement because the ARRL never gave up [trying to get the FCC to resume enforcement]. Take care of the one voice you have.

Have Fun - WA0ZGL

November Meeting Minutes

The regular monthly meeting of the New Bern Amateur Radio Club was held on the above date and the meeting was called to order by President Mac Eutsler, WA0ZGL, at 7pm. Introductions were made from the floor as is customary, with 28 present and the roster is attached. The minutes were read and approved as was the financial report, given by Charlie, K4VC. George Hurly, N2UCH, gave a report on the progress of the Oriental repeater. Ralph Bitely, N4RAB, along with Ben Epting, KG4GRS, gave a rundown on the activities of this year's Scout Jamboree on the Air. Bruce Arnold, N8UTY, commented on the activities of the SET this year and mentioned that the `challenges of the day showed areas of success'. Bruce also mentioned

that the State SET would be held the 4th and 5th of November. Bob Chamberlain, W2HVX, posted a picture montage of club activities, which included those of the Safety Expo that was held recently.

Bob, W2HVX, chairman of the nominating committee, along with John, KR4ZJ, and Ralph, N4RAB, listed the club slate of officers for next year. Bob also commented on the long range planning for the club, particularly on issues such as: Any changes needed in by-laws?, recruiting? elmering? special interest groups? public displays, radio course at CCC?.

The club thanked Ben Epting III, N4NOA, for his contribution to the club in getting out the club newsletter. He asked to be replaced due to numerous changes in his outside obligations and responsibilities. Al Parker, W8UT, stepped up to the plate and it was decided that the December meeting would be a holiday social with a gift swap (\$5), which will be on the regular meeting night (December 7th). Meeting was adjourned at 8:55pm.

volunteered to head up the newsletter and commented that he would need input from club members as to content. His e-mail is <anchor@ec.rr.com>. David Sousa, K2CQV, presented a very informative program on amateur radio hf operation.
Ray Hemphill, W7OPH, Secretary

NBARC ELECTIONS

NOMINATING COMMITTEE REPORT

At the November meeting, we conducted our 20001 elections. The nominating committee was composed of Ralph Bitely, N4RAB, John Jaskolka, KR4ZJ, and Bob Chamberlain, W2HVX. Introducing the new nominees, Bob explained how the list was chosen. The text of his remarks, as given that night, follows:

“First, Charlie, K4VC, provided us with an updated roster of members. We met and considered each name individually to determine whether he or she might be a good candidate for each of the offices.

Clearly, many of our members could not be available for understandable reasons. There’s travel for extended periods, commitments to other pursuits, work schedules, and health and family situations which would keep many of us from taking on monthly club activities.

“So we narrowed down the list to those whom we thought were the most likely candidates, and these folks were contacted. Again, for understandable reasons, no one was able to consider nomination. Ralph, John, and I e-mailed each other daily to keep up with the status of telephone calls and responses.

“Then, to notify as many people as possible, we sent an e-mail announcement about two weeks ago, followed by another notice in the newsletter. Also, nominations will be gratefully received from the floor before the election. This gives everyone an opportunity to serve before the nominations are closed. No one should feel

that they have not been considered or have been passed over.

“The bottom line is that we believe we made a reasonable effort to locate new officers and to avoid asking those who have served for so many years to do it yet one more time. You should know that Ben Epting, N4NOA, did come forward and volunteered to replace Dick, K0UXZ, as Communications Officer. We want to thank Dick for his year of service and for a job well done, as well as to thank Ben for coming forward, in addition to his newsletter responsibilities this past year. Otherwise, the current officers have all agreed to serve another year if no new nominees come forward tonight. So the list, as it stands, is as follows:

Mac, WA0ZGL, President
Pete, KA4SXX, Vice President
Ray, W7OPH, Secretary
Charlie, K4VC, Treasurer
Ben, N4NOA, Communications
Tommie, WA4EME, Trustee

Are there any volunteers or nominations from the floor for any of the six positions at this time?”

Since there were no further nominations, the chair asked for a motion to close the nominations.

The chair then asked for, and received, a motion to ask the secretary to cast a single vote for the nominees as

presented. The motion was passed by a majority voice vote, and the slate was elected.

FOLLOWING THE ELECTION VOTE

As Nominating Committee Chair, Bob, W2HVX, shared his concern regarding a possible future problem. Again, his remarks of that evening are quoted here:

“Now that the election is over, we need to think a little bit about the future when these officers can’t continue to serve any longer. There’ll come a time when we have vacancies. If we can’t fill the positions, we’ll have a real problem.

I mentioned before that it’s difficult to find people to take over elected positions. That’s understandable. But any organization, whether large or small, lives by participation and withers or dies without it. We need to find a way to increase participation and to rotate our office holders and make it a yearly habit.

I see only two avenues to approach the problem of rotation. One is to find a way to encourage more participation within our current membership. The second is to take more aggressive steps to enlarge our membership in hopes that new people can be found who are able to take the jobs.

I think the club has made tremendous strides in the few years that I’ve been a member. Under Bruce Arnold’s leadership, we’re making inroads in emergency communications and gaining credibility with county emergency management. We’ve been supporting public service events with good participation. We’ve conducted two Special Event Stations under the call N4B. Last year under Ben’s, Ralph’s, and Mac’s leadership the club sponsored a successful license class, resulting in a number of new licensees. Twice now, Ralph and Ben have sponsored Jamboree On The Air sessions for the local boy and girl scout troops. And I must say that I was very much impressed with young Ben IV’s (KG4GRS) leadership at the radio -- making many contacts and encouraging the young scouts to overcome mike fright and to talk to hams all over the world. Mac has introduced us to fox hunting, satellite

communications, and the increasingly popular PSK31 digital mode. Andy, W4ULD, has given us some terrific antenna ideas -- even previewing for us his excellent article in the October QST. Billie, KE4YMA, has doggedly conducted our Tuesday night club ragchew net, and along with Bruce and others has participated in Skywarn activities. Dave Sousa has brought us some excellent programs, including homebrewing and QRP. Dave, KE4EBT, and Pete, KA4SXX, have worked hard to put up a web site. This isn’t a complete list of accomplishments, but it shows that the club is alive and moving along in the right direction.

And it’s the increase of activities and interest that we need to keep going by having more people assuming leadership roles and participating in activities of their choice. There’s too much we can contribute to the community and too much fun to be had in this wonderful hobby not to keep the club alive and growing.

Perhaps a long range planning committee could be a start. Maybe changing the by-laws to add more elected positions such as directors of education, technical development, repeater operations, and publicity. Maybe more active recruiting. Maybe more mentoring or Elmering. Maybe a welcoming committee to help visitors be noticed and feel comfortable with us. Maybe special interest groups such as QRP or home brewing. Maybe school demonstrations or a course at the community college. Maybe more public displays at Mumfest, the convention center, the Chamber of Commerce or the Board of Tourism.

We all come from different backgrounds. We’ve seen what other clubs do. We have such a wealth of expertise and experience here to tap and to open up if we want to. These types of activities could help to encourage more participation and to increase our membership to have more people to draw on. If we get serious today, then tomorrow will take care of itself.”

Editorial

Well, I suppose it's fitting that the new editor at least introduce himself. But first, a "message from our sponsors", or at least about them. I've got to give thanks to all the folks who have helped me get this, my first newsletter, together - Mac, Charlie, Dave, Bob, Ray, Dave2, Ben, and others who I may have missed. I hope I can rely on them, and many more of you in the future. It takes events to report, people to write articles, etc, to make a newsletter (NL) do what it should do - make people look forward to it each month.

The email distribution of the NL is a new thing, and has good and bad features. Yes, it saves the club \$, but unless everyone can read it as it's written, with pictures, diagrams, etc, it leaves a lot out of its' content and enjoyment. We will be putting it up on the club webpage, www2.cconnect.net/newbernarc, so it can be viewed in it's entirety. There are other options in getting it to you individually, and we'll be looking into them. It will remain available by regular mail, for those who want it that way.

Just a little about me - I haven't been to too many meetings in the 2+ years that I've been in the club, and don't promise to make them all. Biographically, I was first licensed when in high school, in West Hartford, CT, where the ARRL was headquartered at the time (1956). I've been licensed since then, but had several periods of inactivity. Went off to college, got married, had kids, worked all my career in the aluminum industry. I got this call in about

1978, when I was living in W. Va. They had just made it possible to choose your call if you had an Extra class license. I worked quite a bit of CW, so I studied, took the tests before an FCC examiner, passed, & chose W8UT because it was quick on CW. I worked for several of the major aluminum producers, as a mechanical engineer, doing production equipment design, maintenance, installation, etc. I was the Plant Engineer for a plant in Salisbury, NC, for 8 years, having responsibility for all the facility maintenance, upgrades, etc, and ended my career as a Project Manager on the design and installation of a new plant for a research based production process for aluminum sheet.

I retired in early 1998, and my XYL, Pat, and I moved to New Bern. We knew we wanted to live on the NC coast, and had "researched" the area when we lived in Salisbury. I keep myself well occupied with ham radio, not too much operating, but more in working on old "boatanchors", tube type gear, a lot from the 1950's. We have a 23' sailboat at a slip in Duck Creek, and get on it anytime the weather is favorable, year-round. The only thing I miss about work is the copy machine, and I have "Mailboxes" to fill that need.

So, I hope we can all put together a newsletter that will be one to be looked forward to. It takes help.
73,

Al Parker, W8UT

And remember; "-They don't make tubes nowadays like they used to..."

More on HF Operating Practice

When working DX stations it's very important to record time of contact in UTC. This is very important when exchanging QSL cards. A DX station receives and sends hundreds of cards. Keeping track of all contacts is based on date and time in UTC. Keep an accurate log book too. The FCC regulations don't require us to keep written logs anymore, however, a log is very important when working DX. I prefer a written log over computer logging program. My log book's serve as an album of my ham radio experience's over the years. Recorded are contacts, equipment purchases, dates of antenna installations, visitors to my shack and anything else of interest.

For newcomers to DX, a good starting band is twenty meters. Eastern Europe stations are easy to work both on CW and SSB beginning in the early evening hours 'til early morning. Russia and Bulgaria seems to top off the list. Ten meters, when it's open, is also an outstanding band. Working DX can be fun and very educational, especially with school age kids in the family. Keep a world atlas handy. Enjoy, and good DX to all!

Design Changes for 2 M/445 MHz. J-Pole Antenna

Andy Griffith - W4ULD

I have had a good response from my article on the above subject in the October 2000 issue of QST and most builders have had good luck with the antenna. Since publishing the article I have made some design changes to improve the performance of the antenna especially in the repeater portion of the 440 MHz. band. In the near future the detailed design changes will be available for downloading from the ARRL web site at www.arrl.org.

For antennas constructed from the lighter Type M pipe all one has to do is shorten the two 440 MHz. elements to 10-1/8 in. and re-center them to the feed point. This will raise the 440 MHz. band resonant frequency to about 441 MHz. without changing the 2 M resonant frequency.

The changes are more involved for antennas constructed from the heavier Type L pipe. If one is interested in building this antenna, contact me for details or check the ARRL web site after a short Feedback item appears in QST.

73, Andy

Operational Notes

There is a newer version of DigiPan for PSK-31. It has more bells and whistles than version 1. It can be downloaded from the same address. Freeware and not a large file. It does come zipped so you will need some version of PKUNZIP. It's a great program, easy to operate, and the price is right.

< <http://members.home.com/hteller/digipan> > (notice this is not a WWW address).

Here are some active frequencies to listen around on / or operate (all USB) :

2 Meters	-	144.325	20 Meters	-	14.070	
6	-	50.0-.385	30	-	10.140	PSK-31 normal operation on USB
10	-	28.120	40	-	7.070	
15	-	21.070	80	-	3.580	
VLF	-	137.5 KHz				

December Operating Events

Dec. 1-3 **ARRL** 160-Meter Contest

Dec. 9-10 **ARRL** 10-Meter Contest

Dec. 1-3 **QRP ARCI** Holiday Spirits Homebrew Sprint

Dec. 30-31 **ARRL** Straight Key Night

For full info, see the December issue of QST magazine

Swap Shop

FOR SALE: Kenwood TS-520, matching speaker, owners manual, hand mike, \$300.

Dentron 500 watt antenna tuner, \$75.

Palomar Tuner Tuner, \$50. [use to tune ant. & tuner to freq. w/o transmitting a carrier].

Will sell the above 3 units as a package for \$400.

Heathkit HW-8, QRP/CW rig, owners manual, DC pwr cord, including the HW-8 Handbook, a collection of articles of modification of the HW-8, 7, & 9 QRP rigs. \$100. (HW-8 recently aligned by John, KR4ZJ)

Dave, K2CQV 636-1548

WANTED Will Buy -- Old tube-type ham equipment or test gear -- working or even preferably not working. I enjoy fixing stuff, and operating vintage equipment. I presently operate Hallicrafters, Drake, Central Electronics, Johnson eqpt weekly, always interested in "changing the scenery". Will buy tubes for use in getting & keeping things going. Will help anyone who wants to get on the air with tube type equipment.

Al, W8UT 636-0837

The Newsletter Team:

Al Parker, W8UT, Editor

Charlie Gould, K4VC, Data Base/Labels/Finance

Ray Hemphill, W7OPH, Duplication/Distribution

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 at e-mail: anchor@EC.RR.com

2001 NBARC Officers:

President: Mac Eutsler, WA0ZGL

Vice President: Pete Koonce, KA4SXX

Secretary: Ray Hemphill, W7OPH

Treasurer: Charlie Gould, K4VC

Communications: Ben Epting, N4NOA

Trustee: Tommie Phelps, WA4EME

Assistant Secretary: Doug Whitford, KF4YHG

Assistant Treasurer: Ralph Bitely, N3XID

Program Chairman: David Sousa, K2CQV

Public Service/Photography: Bob Chamberlain, W2HVX

Emergency Communications: Bruce Arnold, N8UTY

Assistant E. Communications: Dave Warwick, KB4EBT

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December Meeting -- Thursday, Dec. 7, 2000

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

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 Ragchew: 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

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P.O. Box 12483

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