

The Official Organ

The Official Newsletter of the Johnston Amateur Radio Society, Inc.
Volume 34, No. 7 July 2013

JARS Meeting Thursday Night

Our monthly JARS meeting is this coming Thursday, July 18th. At Panther Branch Community Building located at 10900 Ten Ten Rd, Garner NC 27529. Our own Chef Boy-R-Tommy will be back with us after having knee surgery. Dinner will be lasagna with the fixin's. Let Tommy know how many will be in your group so everybody can get something to eat. Tommy's e-mail address is:

n4cbi@yahoo.com.

Dinner cost \$7 per person.

Please bring exact change or face the wrath of Dianne!

In this month's Organ
Secretary Report
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Secretary's Report

Secretary's Report for June 2013 Meeting

Dinner was potluck, thanks to all the wonderful cooks in our group. No one left hungry I'm sure.

Program:

The speaker for the evening was Dianna T. Wilson, Dept. Director of the Carolinas Chapter of the Cystic Fibrosis Foundation in Raleigh, NC. She spoke about the background of the foundation and goals they are striving to achieve. JARS have agreed to assist with communications for the CF Cycle for Life benefit event on October 5, 2013. A committee will be set up to coordinate for the event.

New Business:

The Johnston County Board of Commissioners has a retired rescue box truck they are willing to donate to a non-profit organization. Requirements for this gift are: education, practice and real need. Paul Dunn, KD4BJD would like to acquire

the truck to be used as a mobile emergency communications station. Stipulation being that Paul gets to be “dictator”. I can’t think of a better one to have.

Treasury Report:

The JARS Club has approximately \$14,000.00 on account.

Repeater Report:

“It’s there”.

Announcements:

A donation will be made to Wake County Hospice in memory of Emily Potter’s (K4WXG) father. A classified section will be added to the newsletter. Trader’s Net in print.

New Memberships:

John A. Johnston, Jr. (NC4JJ, formerly known as KK4IUB) applied for a family membership with the JARS Club. He was accepted and welcomed into our dysfunctional family.

50/50 Raffle:

The winner was Robbie Spencer (N4DXA), in the amount of \$45.00.

LOM Report:

Doug Eubanks (K1DUG) is still the proud owner of the LID, aka the ‘Butt Gasket’. Can’t keep it forever Doug.

Peggy Lee, KJ4OPH

Repeater Behavior

While the JARS is one of the most laid back groups in the area, if not the state, there are certain behaviors that can not be tolerated and should be avoided on the AK4H repeater, especially since we are on a wide coverage machine.

We need to refrain from discussing the following on the AK4H repeater: sex (including any language that can be construed as sexual in nature), drugs, religion (because we have many members from many religions) and politics (to include any hot political topics).

Also, recently we have been plagued by someone causing malicious interference on the repeater, especially during the nets. The only reason this person is doing this is to get attention. Therefore, it is best to ignore this person. Do not try to reason with him, do not try to bait him into continuing his transmissions, and do not respond to anything he says to any of us no matter how tempting it is to do so. All he wants is attention and if he does not get it, he will eventually go away.

North Carolina Section News

FIELD DAY – 57 clubs and individuals listed North Carolina sites on ARRL's national Field Day Locator webpage, and many more were on the air this past weekend. This year had unusually pleasant weather across the state, and those who operated Saturday night saw a rare "Super" full moon as a treat. Of the four states in the Roanoke Division, North Carolina had almost as many Field Day stations as the other three states of Virginia, West Virginia and South Carolina combined. Log submission deadline is July 23rd.

MAKERFAIRE – Also a rousing success was the sponsorship of Amateur Radio at NC MakerFaire held June 15th at the North Carolina State Fairgrounds in Raleigh. About 5,000 people attended the event, with over 300 stopping by the Amateur Radio booth in the middle of the hall. 80 people filled out forms to find out more about Ham Radio. MakerFaire is a national

hobbyist movement, which caters to experimenters and kit builders. Many thanks to the Raleigh Amateur Radio Society (RARS), Orange County Radio Association (OCRA), Carolina Flashers Photonics, and Triangle ATV as sponsors, and especially to section PIC Woody Woodward, K3VSA, and RARS president Karl Bowman, W4CHX, for their leadership in exposing the world of Ham Radio to electronics hobbyists.

HAM RADIO FOR KIDS OF ALL AGES IN JULY – Want to show kids or grandkids the magic of Ham Radio this summer? Two July events will spark their interest. From July 1 to July 6 will run the annual "Thirteen Colonies" series of special event stations. Each of the original 13 colonies will have at least two stations, and North Carolina has seven this year, all of which will operate as K2J/NC. The seven NC participating stations are W4MPS and KI4VBA in Clayton, N4MIO in Graham, W4MY in Zebulon,

K4WES in Pittsboro, and N4YDU and W0UCE, both from Youngsville. Each state has a scenic QSL card depicting a unique colonial event. North Carolina's shows the Battle of Guilford Courthouse, which took place in Greensboro. A fun activity for Independence Week. To find out more, visit: <http://www.13colonies.info>

Then on July 15th kicks off the ten day quadrennial Boy Scout National Jamboree, now in its new permanent home at Bechtel Summit outside Prince, West Virginia. About 500 North Carolina Boy Scouts will be part of the 40,000 contingent, and Jamboree station K2BSA will have about 10,000 Scouts visitors. K2BSA will be on the air almost 24 hours each day. Not only will it be on almost all HF bands, but it can be reached on Echo Link: K2BSA-R Demonstration Station (node 4566), WV8BSA-R VHF Repeater (node 6544), W6BSA-R UHF Repeater (node 9877), Conference *JOTA-365* (node 480809) and on D-Star: WV8BSA

and Reflector 033A. Details on working K2BSA July 15-24 can be found at <http://www.k2bsa.net/jamboree-live> Most of the K2BSA on air operators will be scouts so young people can talk to other young people.

CONTEST CORNER - The following are the High NC Scores in the 2012 ARRL 10 Meter Contest (Division and Region winners) in: Single Op High Mixed-WX4G; Single Op High CW-N4CW; Single Op High Phone-WK4P (Roanoke); Single Op Low Mixed-AA4NC (Southeastern); Single Op Low CW-AA4FU; Single Op Low Phone-WB2RHM; Single Op Mixed-; QRP-WX4RM (Roanoke); Single Op CW QRP-N4DSP; Single Op Phone QRP-KD4OFG (Roanoke); Multi Op High-N2TU; Multi OP Low-AA2R (Roanoke) High NC Scores 2013 January VHF Contest: Single Op High-N1GC; Single Op Low-N4DBR; Multi Op-K5EK. Contest Corner courtesy of Adam Lawler, WK4P.

ARES – Thirty NC ARES and MARS leaders completed a Dept. of Homeland Security’s Auxiliary Emergency Communications (AEC) class offered in North Carolina the first weekend in June in Raleigh. The two day AEC course was rolled out last year by DHS’s Office of Emergency Communications/Interoperable Communications Technical Assistance Program (OEC/ICTAP). Currently there are not enough certified instructors to teach the AEC course, but as more become qualified, more classes will become available. AEC training is a complement to NC AUXCOMM, which consists of ARES, MARS and unaffiliated Hams who have completed NIMS/ICS courses 100, 200, 700 and 800 (National Incident Management System/Incident Command Structure). In July 2010, NC ARES formally endorsed North Carolina’s 2005 proclamation that volunteers who work on state and county government assignments must have completed NIMS/ICS 100, 200, 700 and

800. All 60 NC county ARES ECs are ICS trained and are AUXCOMM members, and an additional 500 ARES members and unaffiliated Hams have completed NIMS/ICS training and similarly are in NC AUXCOMM. NIMS/ICS trained volunteers improve the professionalism of disaster response, are recognized and accepted by government agencies, and are a key component agencies use in determining eligibility for disaster grants.

SPECIAL EVENTS – July 20, 17th Annual North Carolina Peach Festival, 1400Z-1800Z, NC4MC, Candor, NC. Montgomery Amateur Radio Society.
14.250 14.030 7.250 7.030.

SILENT KEYS – We regret to report the passing of Carl King, KU4HM, and Jerry Netterville, KQ4MS, both of Raleigh.

73 de Bill Morine, N2COP
ARRL North Carolina Section
Manager

Ham Humor

TRUE DUCIE ISLAND STORY

The scenario -- VP6DI has been on the air for a few days and being a new DXCC entity, the whole world (plus a couple of other worlds) is trying for a contact. Its early morning (1630Z) and Ducie has not made an appearance, the frequency at 21.295 MHz is dead quiet.

- ▶ Hello CQ CQ CQ here is W4OLDTIMER, calling CQ and tuning
- ▶ W4OLDTIMER Here is VP6DI
- ▶ VP6 didn't get the rest of the call -- guess you are in Bermuda, I'll turn the beam -- Handle here is Frank
- ▶ Well Frank good to contact you - very good morning -- we are not on Bermuda, we are a DXpedition on Ducie Island
- ▶ HMM Where is Ducie Island
- ▶ BABBLE GROUSE WHAT'S HE DOING ETC -- From The Anxious Mob Wanting Ducie
- ▶ Ducie is in The Pitcarin Group we are on a DXpedition
- ▶ Oh You are on Pitcarin -- let me turn the beam
- ▶ MORE GENTLE ROUTINE QSO FOLLOWS -- GROUSE SCREAMS THE WAITING MOB.
- ▶ Well Frank, I need to get on with today's DXpedition, with

your kind permission, -- can I use the frequency?

▶ OH Sure Thing Jim, I used to DX a bit

▶ SIGNOFF VP6DI sez QRZ 300 to 310! The band explodes!

WELL DONE DUCIE -- A heart-warming story as W4OLDTIMER is 96 Years old and after all it was his frequency!

Net Whip Report

I don't know why, just don't know. As of Wednesday evening. I still have not received six reports. Four of last months reports came in over four weeks plus late. Others are sent immediately right after net is over. It takes at least forty minutes to do a report in Excel. I have to check and double check each to make sure it is done correctly. Just four reports at once takes a very long time. Only one can be done at a time. Then there are misspelled call signs. That also takes time to check out. I can usually do that thanks to QRZ.

Its been another close call for the check in winner of the month. Its been a long time since he was the winner but he did it again this month. It is no other than the famous Stephen

KJ4QNW. Congratulations
Stephen.

Jack WA2YBM Net Whip

Upcoming Hamfests

07/20/2013 | Mid-Summer Swapfest

Location: Cary, NC

Type: ARRL Hamfest

Sponsor: Cary ARC

Website: <http://www.qsl.net/n4nc>

07/27/2013 | WCARS Hamfest

Location: Waynesville, NC

Type: ARRL Hamfest

Sponsor: Western Carolina
Amateur Radio Society

Website: <http://wcars.org>

08/03/2013 | 15th Annual Cape Fear Amateur Radio Swapfest

Location: Fayetteville, NC

Type: ARRL Hamfest

Sponsor: Cape Fear Amateur
Radio Society

Website: <http://www.cfarsnc.org>

ARRL News

**Regulatory: ARRL to FCC:
Changes to Encryption Rules Not
Necessary**

The ARRL is calling on the FCC to deny a [*Petition for Rule Making*](#) (RM-11699) seeking to permit the encryption of certain amateur communications during emergency operations or related training exercises. Don Rolph, AB1PH, of East Walpole, Massachusetts, petitioned the Commission in March to suggest an additional exception to §97.113, which currently prohibits "messages encoded for the purpose of obscuring their meaning."

"While Mr. Rolph has concisely stated his argument, it is ARRL's considered view that there is no factual or legal basis for the assumption that encryption of transmissions...is necessary in order to continue and enhance the utility of Amateur Radio emergency and disaster relief communications," the League said in its [*comments*](#) filed July 8 with the FCC. The ARRL also turned away Rolph's assertion that the current prohibition in §97.113 "has impacted the relationship of Amateur Radio volunteers and served agencies and significantly limited the effectiveness of amateurs in supporting emergency communications." The League said it's unaware of any evidence that served agencies have been reluctant to utilize Amateur

Radio as part of their emergency or disaster relief communications plans because of the encryption restrictions in Part 97. The Amateur Service rule is based on a similar prohibition in international telecommunication law, the ARRL noted.

The League characterized as "erroneous" and "unfounded" Rolph's assumption that encryption of certain information may be required under the provisions of HIPAA -- the Health Insurance Portability and Accountability Act. The League also said it was unaware of any instance in which state statutes have been cited by any served agency or group as a reason not to employ Amateur Radio for emergency communication.

Radio amateurs, the ARRL countered, are not "covered entities" under HIPAA, which applies only to health care providers, health plans and health care clearinghouses. And, the League added, there is no expectation of privacy in Amateur Radio communications.

More than 200 comments were filed on RM-11699, most of them

tending to support the ARRL's arguments.

Radiosport: CQ World Wide DX Contest Rules Get Complete Rewrite

The sponsor of the CQ World Wide DX Contest, arguably the premier events of the contest season, has completely rewritten the [contest rules](#), effective with this fall's SSB and CW weekends (RTTY is not affected). "The CQ WW DX Contest rules have evolved for over 50 years," said Contest Manager Randy Thompson, K5ZD, in [announcing](#) the updates July 1.

"Changes in technology, operating practices and enforcement efforts caused the rules to become increasingly complex." The primary goal of the rewrite, he said, was "to make the rules simpler and easier to understand." The rewrite already has generated considerable online discussion.

One change offers a "Classic Overlay" category for single-operator, all-band entries. "The Classic Overlay category is intended for the radio purists who want to participate in the most traditional way," Thompson explained. Entrants

will use a single radio and operate without outside assistance, and only the first 24 hours of actual operating time will count toward the operator's score. Also new is a "Rookie Overlay" category for operators licensed 3 years or less. The CQ WW is doing away with the "Xtreme Contesting" and "Team Competition" categories, and "Checklog" is now listed as a noncompetitive entry category.

The rewrite creates two categories of Club Competition -- US and DX. Entrants must log contacts as they occur and may not edit their logs after the contest ends. The updated rules also address "unsportsmanlike conduct," such as having an excessive bandwidth, and disqualifications. "Red and Yellow cards have been removed in favor of one action -- disqualification," Thompson noted.

Solar Update

Solar sage Tad Cook, [K7RA](#), reports: Average daily sunspot numbers over the past week rose by more than 23 points to 109.4. Average daily solar flux was up nearly 21 points to 127.9. Two days, July 6 and July 10, had the most geomagnetic activity,

with a planetary A index of 25 on July 10.

July 7 had a solar flux forecast of 145 on July 11-12, and 150 on July 13-15, but, alas, this was scaled back. The latest forecast calls for solar flux at 115 on July 11-14, then 120, 125 and 120 on July 15-17, 125 on July 18-20, then 120, 110 and 105 on July 21-23, 100 on July 24-25, 105 on July 26, and 110 on July 27-28.

Predicted planetary A index is 12, 8, 12, 20, 12, 8 and 10 on July 11-17, then 15 on July 18-21, 8 on July 22, and 5 on July 23 to August 3.

On July 10 at 0710 UTC Australia's [IPS Radio and Space Services](#) issued a geomagnetic disturbance warning for July 10 noting a coronal mass ejection and that the B_z component of the interplanetary magnetic field was pointing south.

In Friday's bulletin look for an updated forecast and reports from readers. For more information about solar phenomena and an explanation of terms, see "[Understanding Solar Indices](#)," by Ian Poole, G3YWX, which appeared in the September 2002 issue of *QST*.

JARS Classifieds:

I have a tower 4 eight foot sections 32 ft.do not know brand name it is tapered has rotor mtg. plate asking \$150.00 for all. WB4EBG wmm2135@aol.com

I have a Uniden TrunkTracker III Scanner for sale. Asking \$150.00 Contact me at jarsmember@centurylink.net

I have a Radio Shack PRO-2096 Digital Trunking Scanner for sale. \$150.00. Contact me at jarsmember@centurylink.net

I have an ADI AR-247 220 MHz radio for sale. Asking \$100.00. Contact me at jarsmember@centurylink.net

If anyone needs help programming the following radios, I have the software and hardware and will be willing to program them to your specifications:

Anytone AT-5888UV
TYT TH-UV F9
Baofeng UV-5RC
Yaesu FT-7900
Wouxun KG-UV2D
Wouxun KG-UV3X
Wouxun KG-UV6
Wouxun KG-UV920P
Wouxun KG-UV920R

Wouxun KG-UVA1

Contact me at jarsmember@centurylink.net

The JARS Classified section is where you can list radios and radio related items. You can also list anything amateur radio related you might be looking for also.

Submit your ads to: jarsmember@centurylink.net



Johnston County A.R.E.S.

Johnston County A.R.E.S. (Amateur Radio Emergency Service) is a group of dedicated amateur radio operators in Johnston County that donate our time and equipment to help out in time of disaster, whether natural or man made. We are *“communication when all else fails.”*

We have our monthly meetings on the second Monday of each month at 7 pm at the American

Red Cross office located at 805-A South Third St. in Smithfield. We also have an A.R.E.S. net the fourth Thursday of each month at 7 pm on the AK4H 147.270+ repeater. All amateur radio operators are welcome to join us either at our meetings or on the net.

You can find out more about Johnston County A.R.E.S. by checking out our web site: www.johnstoncountyares.com on Facebook Johnston County A.R.E.S. or on Twitter twitter.com/JohnstonCoARES Or you can contact me at KD4UJC@centurylink.net or at 919-934-9623



That does it for another edition of the JARS *Official Organ*.

JARS Officers for 2013

Pres.	Robbie	KD4WIY
V.Pres.	Billy	KJ4ZKG
Secretary	Peggy	KJ4OPH
Treasurer	Paul	KD4BJD
Membership	Mike	KD4UJC
Net Whip	Jack	WA2YBM
Photog.	Jack	WA2YBM
Editor	Mike	KD4UJC
	Ham of the Year	
Billy Massengill		WB4EBG

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Hope to see everyone at the meeting Thursday night.

73 de KD4UJC