

The Official Organ

The Official Newsletter of the Johnston Amateur Radio Society

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JARS Meeting this Thursday Night

It is time again for another monthly JARS meeting. The one and only event any good JARS member should look forward to each and every month. It is this Thursday, September 20th at the Panther Branch Community Building. This is located on State Road Ten – Ten just off of NC 50 South of Garner. Talk-in will be available on the “Mighty 27” should anybody need it. As our resident “Chef-Boy-R-Tommy” will not be with us this month, we are having a covered dish, potluck dinner. So, get in the kitchen and rattle those pots and pans and see what you can concoct and bring it to the meeting. Even though we are having potluck, you still need to remember to bring \$1.00 to help cover the cost of the building.

Inside this month' Official Organ

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Anything else I can think of.

Secretary's Report

At last month's meeting, Dianne, KE4VNX was kind enough to take the minutes for Peggy and she was kind enough to e-mail them to me. I, on the other hand, managed to misplace them. So, here is a “Readers Digest” version of what happened. Our President Robbie called the meeting to order around 7pm. Ricky, KB4RZ did not have a lid report and said that it would be a “cold say” before the club saw the LID again, (I hope he was joking). We had a new member get voted into the club, Aaron Thomas (KK4KFG) and his wife Renee Thomas were accepted as members. There was a joint explanation of the Ramsey Doppler Direction Finder that was used to track down the “Duck” that was causing us so many problems earlier this year. Mike, KD4UJC and Doug, KS4TI did this. Doug, KS4TI brought in some items to be raffled off related to safety.

LOM Report

There was no LOM report submitted as of press time. I wonder if Ricky was really serious about it being a “cold day”. If so, we may not see the LID again before December. Oh well, time will tell.

North Carolina Section News

SPECIAL YOUTH EDITION – This issue of the monthly section newsletter will highlight four extraordinary young North Carolina Hams. After you read their profiles, you’ll agree the future of our hobby looks bright with these Hams setting the pace:

ARRL HIRAM PERCY MAXIM AWARD GOES TO DEREK

BROWN, W4DTB -15 year old Chapel Hill Extra class operator Derek Brown, W4DTB, is the 2012 winner of ARRL’s Hiram Percy Maxim Award. Named after the founder of the American Radio Relay League, the Hiram Percy Maxim Award is bestowed by the ARRL board of directors to an operator under the age of 21 who best exemplifies the spirit of Amateur Radio. Derek was selected from many

other qualified nominees from across the nation. First licensed in 2010, Derek has confirmed over 140 countries, has earned his DXCC, and is closing in on his WAS award. He also completed NIMs/ICS courses 100, 200, 700 and 800, and serves as an Asst. Emergency Coordinator (AEC) for Orange County ARES®. Of particular interest to Derek are digital modes and satellites. He is also the founder of the Youth Amateur Radio Club of America (YARCA.ORG), which aims to further youths in Amateur Radio. The website offers Amateur Radio training for affinity groups such as Boy Scouts. When not doing Amateur Radio, Derek attends Durham Academy where he is on the debating team. Congratulations Derek on being this year’s Hiram Percy Maxim winner.

YOUTH WINS PUBLIC INFORMATION OFFICER OF THE YEAR AWARD

– 12 year old Christopher Tate, KJ4UBL, of Burlington is the 2012 North Carolina Public Information Officer (PIO)

of the year. Christopher was chosen from the section's 14 official ARRL PIOs for his outreach in the Do-It-Yourself (DIY) movement by demonstrating kits he's built at the Burlington and Raleigh MakerFaires. In addition, Christopher has been the spokesman for the Alamance Radio club, and appeared in Field Day stories on Greensboro TV stations. A General Class licensee, Christopher operates phone and CW, and he's a regular on the Tar Heel Emergency Net (THEN). He appears in ARRL's DIY video operating a solar powered QRP rig on CW at the 2011 Raleigh MakerFaire. You can see a copy of the DIY video at <http://www.arrl.org/diy> When he isn't Hamming, Christopher is an accomplished pianist. Like all newly appointed North Carolina ARRL PIOs, Christopher completed ARRL's PR-101 course on how to be an effective PIO. Congratulations, Christopher.

YL ACTIVE IN EMCOMM, PUBLIC SERVICE AND DIY – 14-year-old Margaret McGuire, KJ4RGQ, of Washington became licensed at age 11 as a Technician and soon after upgraded to a General Class license. During Hurricane Irene, she served as the communications operator at the Washington High School shelter relaying traffic to the American Red Cross. She routinely serves as net control station for the Downeast Hospital Net, and participates in local public service events such as MS Walk. Margaret has completed ICS courses 100, 200, 700 and 800 and is active in ARES®. She has built an Elecraft K2 receiver and her own antennas, and she has used radio telemetry via Amateur Radio to track turtle migrations for a school science project. Margaret is an inspiration and a role model to all young Hams.

**YOUTH CONTESTER AND DXer
SHINING EXAMPLE**

– 13 year old

Garner

Fleming, KK4CLY, of Mebane has racked up many awards in the one year since he has been licensed, such

as DXCC Mixed, Phone, CW, 10M and soon to be 15M and WAS. You can see a picture of Garner in

action on page 101 of the September issue of QST. Q: So how did this young teenager achieve

these awards? A: As a TECHNICIAN! That's right –

Garner is a Technician Class operator. He is an ace on CW, and takes advantage of

Technician CW privileges on HF. The next time you hear a Technician

Class operator complain he can't do DX with his license, tell him about Garner. Oh, and Garner still has time to play on football, basketball and baseball teams. Congratulations, Garner.

North Carolina is fortunate to have many talented young Ham operators.

We will continue to profile young Tar Heels operators in future issues of the newsletter, and if you know of one you think deserves

mention, please drop a line to Section Manager Bill Morine at n2cop@arrl.org

**NC ARES/AUXCOMM GETS FAVORABLE REPORT FROM
HOMELAND SECURITY**

- The Dept. of Homeland Security's (DHS) Office of Emergency Communications

released a case study on the performance of emergency communications during Hurricane Irene in August, 2011. Irene was the first named

storm in which North Carolina's revised ARES® structure was used,

and according to the report, it performed extraordinarily well. Since

2010, NC ARES® has undertaken a series of organizational improvements.

The first was the requirement that all appointed County Emergency

Coordinators (ECs) and higher have FEMA's Incident Command Structure

(ICS) training through ICS courses 100, 200, 700 and 800 in compliance

with former Gov. Mike Easley's Executive Order. Sixty-five of North

Carolina's 100 counties are now

headed by ICS trained ARES® ECs, and North Carolina is approaching 500 ARES® volunteers who have completed all four ICS courses. Then, beginning in 2011, ARES became part of North Carolina AUXCOMM, a partnership between ARES®, RACES and MARS, modeled after a DHS/OEC initiative. Some 30 ARES® volunteers have gone through the second phase of DHS training called “COML”, or “COMmunications unit Leader” and 15 others have completed the OEC AUXCOMM class. This was the model used at the North Carolina Emergency Management’s (NCEM) Regional Coordination Center (RCC) - East in Kinston last August during Hurricane Irene. As the report points out, during the height of the storm, the only form of communications between Kinston and the State Emergency Operations Center (SEOC) in Raleigh was Amateur Radio. North Carolina is rapidly emerging as one of the national models for Amateur Radio emergency

communications. Congratulations and thanks to Section Emergency Coordinator (SEC) Tom Brown, N4TAB, and his team for making NC ARES professional and effective. You can see a copy of the report at http://content.govdelivery.com/attachments/USDHS/2012/08/16/file_attachments/150291/Cas e%2BStudy_Hurricane%2BIrene_Final-2012.pdf

SIMULATED EMERGENCY DRILLS (SETs) OCTOBER 13 & NOVEMBER 10 – SEC Tom Brown, N4TAB, has announced two short SETs for Saturdays October 13 and November 10. Both of these exercises are sequential and build upon each other. Emphasis this year will be on digital modes, although phone will also be used. The exercises will focus on not only the ability to move traffic digitally, but also the difference between modes, and when and how accompanying files - such as spreadsheets and pictures – can be sent. Those who may want to work with soundcard-based Winlink protocols during the SETs can

check to see if their computer soundcards are compatible by running a software test available from <http://www.pasitrep.com/checksr/CheckSR.exe>. More details in the next newsletter.

The Amateur's Code

With several new members and newly licensed hams, I figured it would be a good idea to bring this out and re-print it.

The Radio Amateur is Considerate...never knowingly operates in such a way as to lessen the pleasure of others.

Loyal...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio relay League, through which Amateur Radio in the United States is represented nationally and internationally.

Progressive...with knowledge abreast of science, a well built and efficient station and operation above reproach.

Friendly...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance,

cooperation and consideration for the interest of others. These are the hallmarks of the amateur spirit.

Balanced...radio is an avocation, never interfering with the duties owed to family, job, school or community.

Patriotic...station and skill always ready for service to country and community.

--The original Amateur's Code was written by **Paul M. Sega, W9EEA**, in 1928.

Upcoming Hamfests

10/13/2012 | Winston-Salem Classic Hamfest

Location: Winston-Salem, NC

Type: ARRL Hamfest

Sponsor: Forsyth Amateur Radio Club

Website: <http://www.w4nc.com/events.htm>

10/14/2012 | Maysville Hamfest

Location: Maysville, NC

Type: ARRL Hamfest

Sponsor: Maysville Hamfest Association

11/18/2012 | JARSFest 2012

Location: Benson, NC

Type: ARRL Hamfest

**Sponsor: Johnston Amateur
Radio Society**
Website: <http://www.jars.net>

ARRL News

**+ *ARRL National
Convention: ARRL
Welcomes NASA
Astronaut Lee Morin,
KF5DDB, to 2012***



The ARRL will welcome NASA Astronaut Lee Morin, KF5DDB, as its special guest at its 2012 National Convention, held October 12-14 in Santa Clara, California.

National Convention

NASA Astronaut Lee Morin, KF5DDB, will be a special guest at the 2012 ARRL National Convention at Pacificon -- held October 12-14 -- in Santa Clara, California. Morin, an ARRL member, served as a Mission

Specialist on *Atlantis* for STS-110 that launched in April 2002. During this 13th shuttle mission to the International Space Station, he performed two extra-vehicular activities (EVAs) -- also known as spacewalks -- the first time that the station's robotic arm was used to maneuver spacewalkers around the station. Pacificon attendees will have the chance to meet and greet Morin in the ARRL exhibit area. He will also present a forum at Pacificon and will be the speaker at Saturday night's banquet where he will share his experiences about spaceflight and his interests in Amateur Radio.

**+ *Emergency
Preparedness: Get Set
for the 2012 Simulated
Emergency Test***



Are you ready to respond to a local communications emergency? How about within your area, state or beyond? The ARRL Simulated Emergency Test (SET) -- an exercise that enables you and your local, District and Section leaders to test equipment, modes, operating skills and emergency deployment plans to see if everything is in place

and ready for an actual emergency event -- is October 6-7. The SET is one of the premier events of the year that invites the Amateur Radio Emergency Service, the National Traffic System, the Radio Amateur Civil Emergency Service, SKYWARN, members of the ARRL Field Organization and other groups to work in concert together to practice and prepare.

+ Becky Schoenfeld, W1BXY, Named *QST* Managing



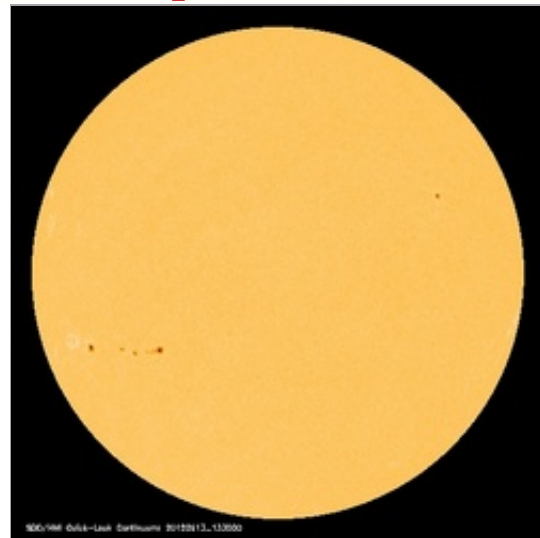
Becky Schoenfeld, W1BXY, has been named as the new *QST* Managing Editor. [Cory Sickles, WA3UVV, Photo]

Editor

ARRL Book Editor Becky Schoenfeld, W1BXY, has been promoted to *QST* Managing Editor, the position formerly held by Joel Kleinman, N1BKE (SK). A

Connecticut native, Schoenfeld has more than two decades of publishing experience. Prior to her employment at ARRL Headquarters, she was Senior Editor at *Teaching K-8* magazine, one of the most popular magazines for childhood educators, and Senior Project Editor for textbook publisher Macmillan/McGraw-Hill. In addition, she founded *Amaranth* magazine, a successful poetry journal. She holds an MFA from Emerson College and a BA from Fairfield University. Her Amateur Radio activities include chasing grid squares in pursuit of her 6 meter VUCC award and DX hunting on 10 meters.

Solar Update



The Sun, as seen on Thursday, September 13, 2012 from [NASA's SOHO Extreme Ultraviolet Imaging Telescope](#). This [MDI](#) (Michelson Doppler Imager) image was taken in the continuum near the Ni I 6768 Angstrom line. The most prominent features are the sunspots. This is very much how the Sun looks in the visible range of the spectrum.

Tad "[You'll find us chasing the Sun](#)"
Cook, K7RA, reports: Solar activity

retreated this week, with the average daily sunspot numbers off nearly 46 points -- about 35 percent -- to 83.1, while the average daily solar flux declined 18 points to 118.9.

Geomagnetic conditions were quieter, with the planetary and mid-latitude A index most days in the single digits; the average planetary A index declined from 14.1 to 6.6. The predicted daily solar flux is 100 on September 13, 95 on September 14-16, 100 again on September 17-18, 105 on September 19, 95 on September 20-21, 100 on September 22, 110 on September 23-24, 115, 125 and 130 on September 25-27, and peaking at 140 on September 28-October 1.

The predicted planetary A index on September 13-17 is 5, 7, 10, 12 and 8, then down to 5 on September 18-19, 10 on September 20, 8 on September 21-23, 5 on September 24-28, 10 on September 29, and back down to 5 on September 30-October 2. Look for more on the ARRL website on Friday, September 14. For more information concerning radio propagation, visit the [ARRL Technical Information Service Propagation page](#).

JARS Officers for 2012

President	Robbie	KD4WIY
V.President	Billy	KG4ZKG
Secretary	Peggy	KJ4OPH
Treasurer	Paul	KD4BJD
Membership	Mike	KD4UJC
Net Whip	Van	KM4TC

Club Photographer
Jack
WA2YBM

Editor Mike KD4UJC
Ham of the Year Tommy
N4CBI

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This concludes another edition of the "*Official Organ*".

Remember to send in any articles, pictures, stories or anything else you want in **our** newsletter to:

jarsmember@centurylink.net



73 de KD4UJC