



The Greensboro Amateur Radio Association

Feed Line

Providing Amateur Radio news for the Triad



Brian Wilson, NX4U, Editor

www.w4gso.org

info@w4gso.org

GARA Announcements

GARA Picnic

On May 25th GARA holds its annual spring picnic at Hagan-Stone Park, shelter 5. The festivities start at around 5:00 pm with hot dogs and hamburgers being served around 6:00 pm. There is a fee of \$7.00 (children 11 and under eat free). If you did not reply that you were going to attend there is still time, you can notify Donna Ferguson, KD4WIK, at cricketmd@gmail.com that you plan to attend. By the way she has she has volunteered to do the shopping and cooking (but we really know who will end up doing the cooking and maybe the shopping too). She has stated she will not stop anyone who wants to flip a hamburger or burn a hot dog.

Photo courtesy of Tom Forrest, N4GVK

The hot dogs, hamburgers, and soft drinks will be supplied by the Club. If you want to bring your favorite side dish or dessert please do, and bring more to show off how good a cook you are.

I cannot think of a better way to start the Memorial Day weekend, than to spend it with friends and family while taking the time to remember those who gave their lives so we could.

Hope to see you there.

GARA Monthly Meeting - MOVED!!

The GARA May 27th General Meeting is moved. We have just been notified that Capt. Bill's will be closed on Monday 27th (Memorial Day). We are going to combine the May and June General Meetings. The plan is to hold the combined meeting on June 10th at 7:00 pm in Captain Bills Seafood & Steakhouse located at 6108 West Market Street in Greensboro. The presentation topic will be the same, The History of Field Day. The presenter will be Tom Bertolino, KB1P. Tom will highlight the changes in field day from the first field day to the upcoming field day in June.



This Month's Program

Our May/June Meeting will be held on Monday, June 10th at 7:00 pm in Captain Bills Seafood & Steakhouse located at 6108 West Market Street in Greensboro. Come early have dinner and catch up on the latest club info.

The presentation topic is "The History of Field Day." The presenter will be Tom Bertolino, KB1P. Tom will highlight the changes in field day from the first field day to the upcoming field day in June. So come to the meeting and find out how field day has changed over the years.

A reminder February was the start of our Join/Renew ARRL membership through GARA campaign. If you chose to join/renew your ARRL membership through GARA, you can do it at this meeting Craig Bondy, N8STA, GARA's treasurer will have the forms with him. See you at the meeting.

NEXT MEETING

Monday, June 10

The next meeting of the Greensboro Amateur Radio Association will be Monday, June 10th, at Captain Bill's Seafood & Steakhouse, 6108 West Market Street, Greensboro, NC 27409, between Guilford College Road and Swing Road. This program for this month's meeting will be "The HIstory of Field Day." Tom Bertolino, KB1P, will provide a presentation covering the history of Field Day from the past up to what to expect this year.

GARA Meeting Minutes

Regular Meeting Minutes March 25, 2012

The Greensboro Amateur Radio Association held its monthly meeting on April 22nd, 2012, at Captain Bill's Seafood & Steakhouse located at 6108 West Market Street in Greensboro. GARA president, Donna Ferguson, KD4WIK, called the meeting to order at 19:15.

The meeting started with each person giving their name and call sign.

Officer reports

Tom Bertolino, KB1P, spoke about the GARA picnic coming up on May 25th. The cost will be \$7.00 per person with kids 11 and under free. Please respond to Tom with the number of people in your party if you are coming.

Craig Bondy, N8STA, said that he will be accepting picnic fees. Craig also said that we have 82 paid memberships.

David Macchiarolo, AJ4TF, said that both repeaters are working fine. David said that he is receiving QSL cards from the N4G station. David also spoke about the ARISS contact coming up next week, and he stated that the equipment will be installed this week.

Chan White, KJ4ADX, had nothing to report.

Greg Spencer, KG4UQV, had nothing to report.

Roy Smith, N4BYU, welcomed the visitors that came to the meeting as well as some old members that we have not seen in a while.

David Macchiarolo said that he received an email concerning Field Day publicity, and he forwarded it to Greg who is the ARES Field Day coordinator.

John Strandberg, W4DX, spoke about the ham radio expo that GARA hosted at the Greensboro Science Center recently. John said we should look at doing the expo twice a year.

Donna Ferguson said that RF Micro Devices will be holding a free swap fest on May 18th from 8:00 -11:00 am.

Donna Ferguson asked every one to identify themselves.

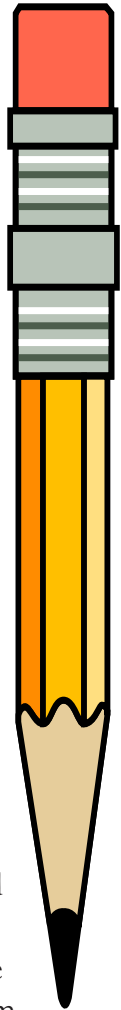
Tom Bertolino spoke about the benefits of being a paid member.

David Macchiarolo gave a presentation on the Raspberry PI microcomputer.

Brian Wilson, NX4U, made a motion to approve the minutes as published, Craig, N8STA, seconded. Motion passed.

Brian Wilson, made a motion to adjourn, Greg seconded and the motion passed. The meeting ended at 20:06.

Respectfully submitted by Greg Spencer, KG4UQV, GARA Secretary.



The Greensboro Amateur Radio Association

President Donna Ferguson, KD4WIK
Vice-President Thomas Bertolino, KB1P
Treasurer Craig Bondy, N8STA
Secretary Greg Spencer, KG4UQV
Financial Todd Smith, AK4TS
Engineering Chair David Macchiarolo, AJ4TF
Operations Roy Smith, N4BYU
Member-at-Large Gaither Frye, W4GCF
Member-at-Large Chan White, KJ4ADX
Appointed Position:
Webmaster & Newsletter Editor
Brian Wilson, NX4U

The Feed Line is ©2012 by the Greensboro Amateur Radio Association and published monthly. Our address is P.O. Box 7054, Greensboro, NC 27417. The purpose of the newsletter is to provide the club and prospective members information about the club and amateur radio in general. Material and information should reach the editor by the first Friday of the month for the next edition of the newsletter. Opinions expressed in "The Feed Line" do not necessarily represent the views of the officers, directors, editor or members of the Greensboro Amateur Radio Association. Material may be reproduced, provided proper credit is given to GARA.

Board Meeting Minutes May 11, 2012

The GARA board of directors held their monthly meeting on May 11th, 2013, at Captain Bill's Seafood & Steakhouse. The members present were: Donna Ferguson, KD4WIK; Craig Bondy, N8STA; Chan White, KJ4ADX; Tom Bertolino, KB1P; and Greg Spencer, KG4UQV.

Officer reports

Donna Ferguson said that she will do the shopping and help with the cooking for the picnic. Donna said that members should feel free to bring a dessert if they wish.

Tom Bertolino gave a report on the progress of the 501(c)3 work he is doing.

Craig Bondy said that we have 88 paid members now. Craig also questioned whether we need a safety deposit box for our records

Greg Spencer gave an update on Field Day.

We discussed inviting the Guilford County School's staff who were involved with the ARISS contact to Field Day.

We discussed the ARISS contact.

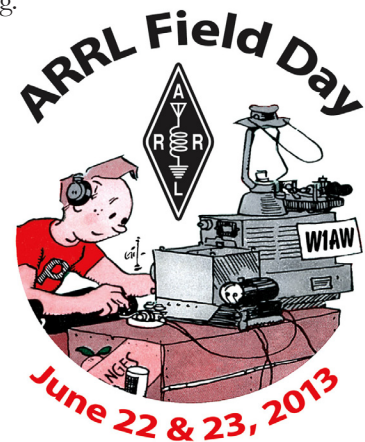
Tom Bertolino said the Gran Fondo Bike ride will be on October 12th.

Tom Bertolino said that he will send out an email reminder about the picnic.

Tom Bertolino also made a motion for Todd Smith, AK4TS, to relinquish the N4G QSL card design, Craig Bondy seconded, all in favor. The motion passed. We nominated Tom to take over design work on the cards.

The meeting ended at 8:05pm.

Respectfully submitted by Greg Spencer, KG4UQV, GARA Secretary.



www.arrl.org

List Public Service Events Here

By Tom Bertolino, KB1P

In an effort to support area public service events and assist ham coordinators with their recruitment efforts the Feed Line will publish a list of Public Service Events held in the Triad area. The event will appear in Feed Line until the event's date has pasted. It will contain the event name, date, where the event will take place, and the ham coordinator's contact information. If you want to list your event in the Feed Line please contact Tom Bertolino at kb1p@arrl.net with the following information: name of event, date of event, where the event take place, and your contact information and any special radio equipment required.

DATE	EVENT	PLACE	POC
Sep 14, 2013	Carolina Wine Festival	Triad Farmers Market	thomas@wfeci.com
Jul 20, 2013	Operation Red Sleigh	Asheboro	k4nwj@triad.rr.com
Oct 12, 2013	Grand Fondo 100 mile bike ride	start/end Oak Ridge	kb1p@arrl.net

[In order to make this column a success I need the help of the GARA membership. If you have volunteered for a Public Service Events in the past or are currently scheduled to help out in an upcoming event please let the person who recruited you know about this column (or send me their contact information and I will let him know about this service). Publishing their event in the "Feed Line" might stop their last minute requests for help over the local nets.

If you are a Public Service Event Ham coordinator list your event here, you cannot always depend on Ham's who worked your event in the past. There will always be scheduling problems that will prevent those who volunteered in the past to volunteer again or those last minute family or work problems that will leave you shorthanded. By advertising your event early an often you will increase your volunteer base. The "Feed Line" will give you a way to advertise your event to over 100 club members not to mention the non-member who read the club's newsletter.]

From the President's Shack

From Donna Ferguson, KD4WIK

We did it! We went to space and back AND survived the trip. It was awesome! However, now it is time to get back to "Normal" and plan for the future.

If you don't have plans for Memorial Day weekend, please consider coming to the picnic. We had a lot of fun last year and I know it will be fun again this year. We have approximately 25 confirmed so far and it wouldn't hurt my feelings if I ended up cooking for many more. I'll be doing the cooking this year but I have a few volunteers so I promise the food will taste good.

We also have Field Day coming up. Greg is doing a great job with getting that organized. If all goes well, the Mayor of Greensboro will make an appearance. We have sent out invitations to everyone at Guilford County Schools, and Greg is arranging the media coverage. This year should prove to be interesting. With recent events, I hope we get many visitors to bring attention to Ham radio in community.

I would like to take a moment to thank all of those that helped make the McNair ARISS event a success. Besides myself, big kudos need to go out to:

David Macchiarolo, AJ4TF (For his communication and "kid" herding skills)

Gaither Frye, W4GCF (For taking time to talk to the kids and getting them excited about ham radio)

Dan Habecker (RFMD), W9EQ (For staying cool under pressure and keeping the contact going)

Duane Brantley (RFMD), AG4C (For his technical expertise and support)

Gary Grant (RFMD), N5ODE (For his support and generous donation to McNair of radio equipment)

Layman Idol, KK4LLY (For being our "stand-in" astronaut during the practice contact)

Thomas Fleming, KJ4YDP (For communications and helping to raise and lower the antenna)

Patrick Moore, K2CPR (For help raising and lowering the antenna) btw: He cleans up really well!

Robert Ferguson, KD4TVE (For his help in raising and lowering the antenna)

Photo courtesy of Tom Forrest, N4GVK

Strong arms and backs are always

appreciated. No radio contact is without its physical labor.

Everyone's help was greatly appreciated and we have already been contacted by other schools who want us to get their kids excited about ham radio. The school year is almost out but this will be something to look forward to in the fall. Unlike the kids, we are looking forward to the beginning of the school year. It will bring new adventures I ham radio and it will be a great opportunity for other club members to get involved. Even though David, Gaither, and myself got this all started, we won't be able to do it all alone. As we progress forward and our relationship with the schools grow, we will need help. If you are interested in helping out, let us know and as the opportunities come up, we will definitely contact you.

We are looking forward to drier days and great riding weather. Hopefully, by this time next year, I will be two (or three) wheel mobile.

Until next month!

73s,

Donna, KD4WIK (Wild Independent Kid)



Info from Around NC

From North Carolina Section News by Bill N2COP

FIELD DAY JUNE 22-23 – 2013 marks the 80th anniversary for Field Day. With the exception of WWII, Field Day has been held continually since 1933. As of May 31, 35 North Carolina Field Day locations have been listed on the Field Day locator page on ARRL's website at <http://www.arrl.org/field-day-locator>. This is down from the 60 listed in 2012. If your club hasn't listed its location yet, please do so now so inactive Hams, media and the public can find you because public awareness is what Field Day is about. For those who missed the excellent April 24th webinar on how to promote Field Day, a replay of the webinar is available at: <http://p1k.arrl.org/pub/pr> and download the ZIP file entitled "Field Day 2013". The first week in June is the perfect time to list your Field Day location on local community bulletin boards, newspapers and community webpages. Designate a spokesperson who can speak with local media about the importance of Field Day. Tell everyone that NC Hams provide millions of dollars in donated equipment use and volunteer time to help communities, and the spirit of scientific experimentation is still strong in showing wireless opportunities to schools and youth organizations. All 2013 Field Day information, including rules and supplies, is available at: <http://www.arrl.org/field-day>. Above all, please always greet visitors warmly, escort them around your Field Day location and explain what's happening. Every year we hear stories of visitors who are not acknowledged, which leads to further misunderstandings about our hobby. Be proud of Field Day.



NC MAKER FAIRE JUNE 15 TO TAP DIY MARKET – Ham clubs in the RDU area will have a booth at MakerFaire North Carolina on Saturday, June 15th, from 10 AM to 6:00 PM at the Scott Kerr Building at the North Carolina State Fairgrounds in Raleigh. When Amateur Radio last had a booth two years ago, about 200 of the Fair's 4,000 attendees stopped by to learn more about Ham Radio. Many were inactive Hams who were excited to see an Amateur Radio presence. MakerFaire is a national "Do-It-Yourself" (DIY) craft and experimentation movement with a strong emphasis on electronics, especially computer applications. The MakerFaire movement began in California where its largest MakerFaire draws 65,000 annually, and the New York City MakerFaire last year had 25,000 visitors. Many thanks to the clubs helping with NC MakerFaire this year – Raleigh Amateur Radio Society (RARS), Orange County Radio Association (OCRA), Tri-ATV, Carolina Flashers Photonics Group (CFPG) and the ARRL North Carolina section. The Ham Radio booth will feature kit building and QRP and APRS demonstrations. More details on MakeFaire North Carolina can be found at: <http://makerfairenc.com>

May/June, 2013



Saturday June 15, 2013 10:00 - 6:00 **Maker Faire North Carolina**
NC State Fairgrounds, Kerr Scott Build-

Congratulations! You Passed!

Every month on the second Saturday, except in March when it is the third Saturday, W4VEC holds a testing session for those who live in the area. This provides an opportunity for individuals to be able to test for their amateur radio license or upgrade. Thanks to Roy Smith, N4BYU, and a group of volunteers, each month there are new or upgraded hams in our area.

In May, we had three (3) individuals who passed their test(s) and earned either their Technician, General or Extra class license.

Next month's testing session will be on June 8th at Hinshaw United Methodist Church, 4501 High Point Road, Greensboro, 27407, at 9:00am. While walk-ins are welcome contacting the lead VE is preferred. Please contact Roy Smith at (336) 312-0647 or by email at n4byu@arrl.net

If you cannot make it to this test session, W4VEC holds a second test every month in this area. Test sessions are held the last Saturday of month at the Red Cross High Point Chapter, 815 Phillips Ave., High Point, NC 277262. Walk-ins are welcome. Contact information is Bob Williams, KB4TWG, email bobwilliams@northstate.net, phone (cell), 336-812-5500.



All Photos Courtesy of David Macchiarolo, AJ4TF



*Danny "Mark" Crain, KK4QVG
Passed General*



*David P. Perryman, KK4RBR
Passed Tech*



*Edward "Mike" Murray, KK4POP
Passed Extra*

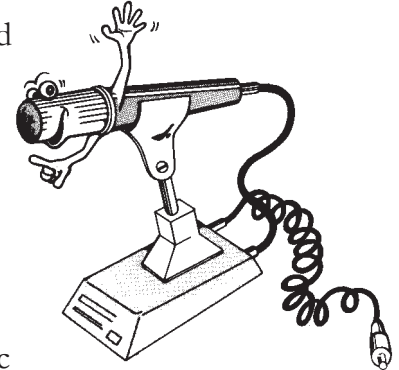
Engineering Update for May, 2013

From David Macchiarolo, AJ4TF

Busy... that is the word for this month. Between my paying job, and lots of ham radio stuff going on, including talking to astronauts, not much change in the repeater status.

VHF Repeater:

Previously I reported that the RX sensitivity of the VHF repeater seems to be lower than normal, but in the last month or so, it seems closer to normal. This could be a result of latent damage to the repeater from the lightning strike, or it could also be due to the periodic interference issue that we see about once a year or so. We will try to measure the antenna SWR soon and I will report on that procedure in a future column.



UHF D-Star Repeater:

Not much change in this machine, it is running normally. I started the programming changes that I discussed last month, but I won't get to finish it for a while...

Starting Monday May 13th, I will be out on the west coast for a while, working on a project there, so I won't be able to get back to my repeater projects for a while.

As always, if you have any questions or concerns about your club repeaters, either VHF or D-Star, or any other technical topic, please contact me at aj4tf@arrl.net

73, David AJ4TF

GARA Takes McNair Elementary into Space

From Donna Ferguson, KD4WIK

As you all know, we have been planning for 9 months to aid students in talking to the ISS. Well, on May 2nd, all the hard work paid off.

The morning of the contact was overcast and drizzling. We all met at the school at 8am to set up, although Duane and Dan did the majority of the set up. The next 2 hours were spent watching Duane and Dan finish setting up and helping where we could. We made sure we knew where to be when everything got started.

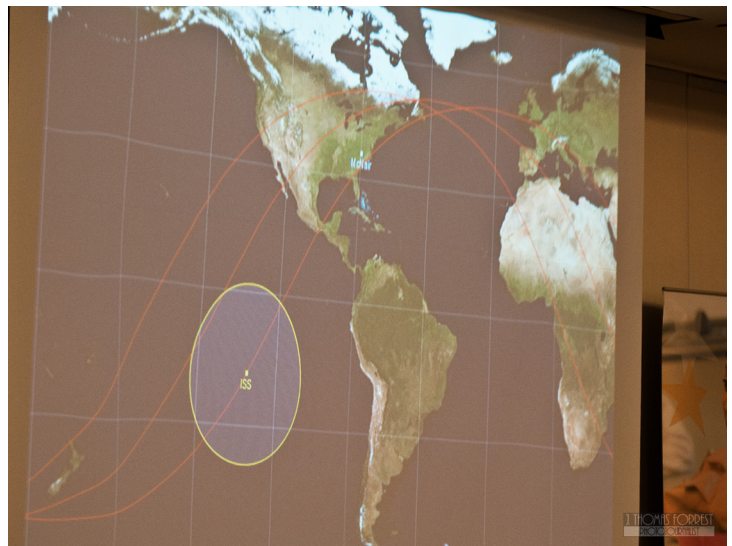


Photo courtesy of Tom Forrest, N4GVK

see ARISS, page 8

ARISS (continued from page 7)

By 10am, everything was ready to go. Children from the other schools were starting to arrive, and the McNair students were starting to enter the gym. Considering the number of people that were in the gym, the noise level was not that loud and the children were very well behaved.

At 10:30, we were off and running. During the initial introductions and announcements, they showed a map on the big screen that showed where McNair was in relation to the space station. As soon as the space station was within range, Dan started making the call. He called about 4 or 5 times before he got an answer. Hearing the astronaut's voice come across the speakers was music to our ears.

The first student got up and asked his question and then there was silence. We had a momentary computer glitch and had to switch to the back up frequency. That's okay. This is where Dan gets credit for being cool under pressure. He got everything switched over and we were back up. The children continued to ask their questions until we lost the signal.

There were 20 students prepared with questions and 16 had the opportunity to ask their questions. During the contact, the students in the gym were very well behaved and quiet. As soon as they knew that the signal was lost, everyone cheered. There was so much excitement in that gym. It was definitely a glorious day! The teachers were ecstatic, the students and visitors were very excited, and those of us that worked this event were happy that it was successful and relieved that it was over.

Photo courtesy of Tom Forrest, N4GVK



Now that it's over, we can start gearing up for the new school year and helping students and teachers to get their licenses and getting them on the air. McNair is also going to be working with another school to put together a proposal for equipment to set up a ham station so that the two schools can talk to each other.

It has been a very exciting time in the community for ham radio and I can't wait to see what the future holds!

2013 ARISS - McNair Elementary School

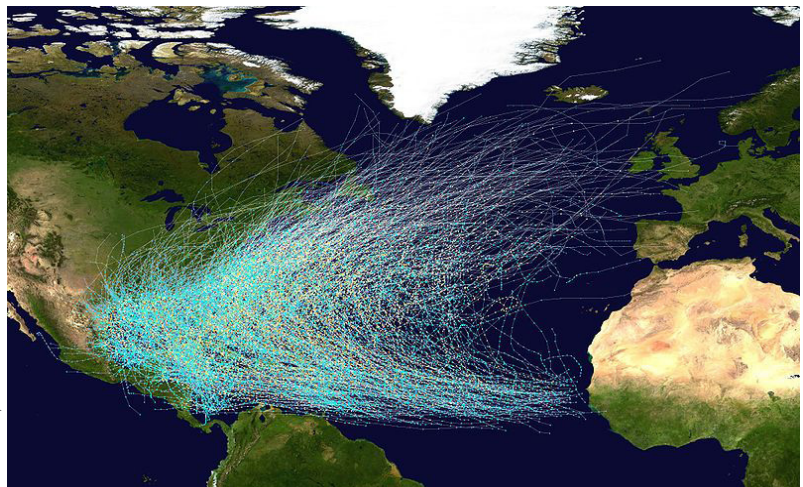
Photo courtesy of Tom Forrest, N4GVK



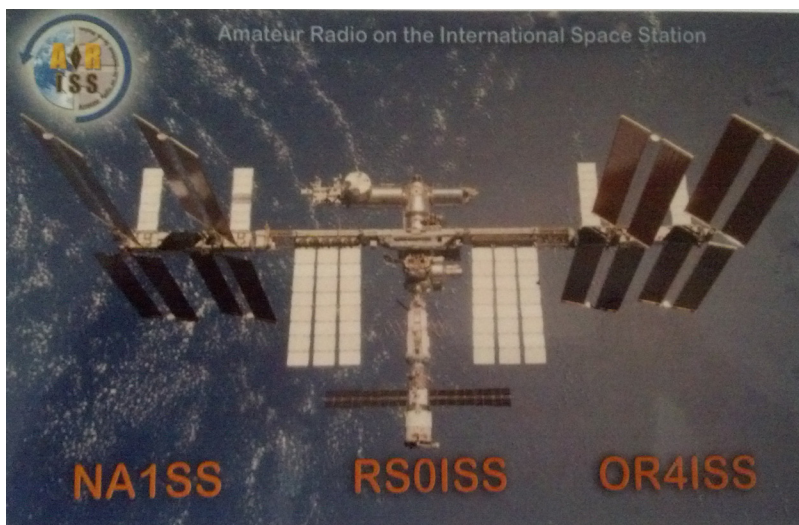
MORE Info from Around NC

From North Carolina Section News by Bill N2COP

“AN ACTIVE OR EXTREMELY ACTIVE” ATLANTIC HURRICANE SEASON for 2013 was the forecast released in May by NOAA Acting Administrator Kathryn Sullivan. Dr. Bill Gray, noted hurricane forecaster, agrees projecting the Atlantic coast will face a 47% probability of a landfall, up from the historical average of 31%. National Hurricane Preparedness Week is underway May 26 to June 1, when the Atlantic hurricane season officially kicks off until November 30th. Wilmington SKYWARN is participating June 1 in StormFest, a community hurricane preparedness fair in Wilmington. Earlier in May, Newport SKYWARN was part of the Marine Corps Air Station (MCAS) Cherry Point Emergency Preparedness Fair. June 1 is also the annual National Hurricane Center’s on air test of its Miami Amateur Radio station WX4NHC from 9:00 AM to 5:00 PM Eastern time. Take part this weekend. Details at: <http://www.arrl.org/news/take-part-in-wx4nhc-s-annual-on-the-air-station-test-from-the-national-hurricane-center> Time to keep your batteries charged and your Go-Kits ready.



INTERNATIONAL SPACE STATION QSO A SUCCESS - The May 2nd QSO between the McNair Elementary School in Brown’s Summit near Greensboro and the International Space Station was a rousing success. 2,800 students across Guilford County submitted questions of which 20 were selected to ask astronaut Tom Marshburn, a native of Statesville and a graduate of Davidson and Wake Forest. The ten minute pass permitted 16 of the 20 questions to be presented by students of the school which emphasizes STEM – Science, Technology, Engineering and Math. McNair Elementary is named after Dr. Ronald McNair, North Carolina native and NC A&T graduate who perished in the 1986 space shuttle explosion.



ARRISS – Amateur Radio and International Space Station, a joint program between NASA, ARRL and other Amateur Radio organizations – coordinated the QSO. The McNair ARISS contact was only the third in North Carolina over the past six years. Special thanks to the Greensboro Amateur Radio Association (GARA) and to RF Micro Devices in Greensboro for coordination over the past ten months in preparing for this event. RF Micro Devices also donated radio equipment to McNair Elementary so it now has a fulltime Ham Radio station.

Calendar of Events

- May 17-19 Dayton Hamvention 2013 (Dayton, Ohio www.hamvention.org)
- May 25 GARA Picnic (Shelter #5, Hagan-Stone Park)
- May 25 VE Session (Red Cross Building, High Point)
- May 27 GARA General Meeting (Captain Bill's Seafood, Presentation: Field Day)
- June 8 VE Session (Hinshaw United Methodist Church, Greensboro)
- June 8 Winston-Salem Classic Hamfest
- June 10 GARA Board Meeting
- June 22-23 Field Day (Tannenbaum Park Greensboro)
- June 24 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- June 29 VE Session (Red Cross Building, High Point)
- July 8 GARA Board Meeting
- July 13 VE Session (Hinshaw United Methodist Church, Greensboro)
- July 20 Mid-Summer Swapfest (Cary, NC)
- July 22 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- July 27 VE Session (Red Cross Building, High Point)
- July 27 WCARS Hamfest (Waynesville, NC)
- Aug 3 15th Annual Cape Fear Amateur Radio Swapfest (Fayetteville, NC www.cfarsnc.org)
- Aug 10 VE Session (Hinshaw United Methodist Church, Greensboro)
- Aug 12 GARA Board Meeting
- Aug 24 VE Session (Red Cross Building, High Point)
- Aug 26 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- Aug 31 Shelby Hamfest (Shelby, NC <http://www.shelbyhamfest.com>)
- Sep 9 GARA Board Meeting
- Sep 14 VE Session (Hinshaw United Methodist Church, Greensboro)
- Sep 14 Carolina Wine Festival (Triad Farmers Market, volunteers contactthomas@wfeci.com)
- Sep 23 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- Sep 28 VE Session (Red Cross Building, High Point)
- Oct 12 Gran Fondo Bike Ride (need ham volunteers to help contact KB1P at kb1p@arrl.net)
- Oct 12 VE Session (Hinshaw United Methodist Church, Greensboro)
- Oct 14 GARA Board Meeting
- Oct 26 VE Session (Red Cross Building, High Point)
- Oct 28 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)

This purpose of this calendar to provide information on events in and around our area that might be of interest to our readers. As you might expect, there are many more events (public service, hamfests, flea markets, etc.) taking place in North Carolina and around the Greater Greensboro Area. If you know of an event that would be of interest to our readers, please contact Tom, KB1P at kb1p@arrl.net.

Area Happenings

FOURTH MONDAY – at 6:30pm, the Greensboro Amateur Radio Association have their regular monthly meeting at Captain Bill's Seafood & Steakhouse, 6108 West Market St., Greensboro, NC 27409. Please plan to gather at 6:30pm for dinner. The meeting is scheduled to start at 7:15pm

CLUB NETS:

SUNDAYS – at 7:30pm, the **Technical Forum** on the 145.150;

- at 9pm, the **GARA News and Information Net**. This net features *NewsLine* and is on the 145.150, W4GSO repeater. Roy Smith, N4BYU is always looking for net controls. Contact him if you would like to help.

TUESDAYS – at 8:30pm **The Triad SkyWarn Net** meets on the 147.225, K4ITL repeater, no tone required.

TUESDAYS – at 9pm, the **D-STAR Net** meets on 442.8625 (W4GSO B and Reflector 17C)

WEDNESDAYS – at 8:30pm, **The Guilford Amateur Society Rag Chew Net** holds their weekly net on the 145.250, W4GG repeater with an 88.5 Hz. tone. Jim Hightower, W4JLH is the net control.

THURSDAYS – at 9pm, **The Guilford County ARES Net** meets on the 145.150 repeater (100 Hz. tone).

OTHER ACTIVITIES :

FIRST MONDAY – **The Guilford County A.R.E.S.** monthly meeting is held at 1002 Meadowood St. off W. Wendover Ave, in the EMS building, beginning at 7pm.

THIRD MONDAY – at 6:15pm **The Guilford Amateur Society** holds their monthly meeting at Tex & Shirley's Restaurant in Friendly Shopping Center. Eat at 6:15pm and the business meeting begins at 7pm.

THURSDAY – at 11:15am, Greensboro Hams get together for lunch. Thursday lunch group is meeting at the K&W Cafeteria, 300 Forum VI Mall at Friendly Shopping Center. Talk-in is on the 145.150, W4GSO repeater with a 100 Hz. tone.

EVERY FRIDAY – at 8pm (approximately) Greensboro Hams get together for coffee at Starbucks at Edney Ridge Rd.

The W4VEC Testing Schedule July to Dec. 2013

July 13, 2013

August 10, 2013

September 14, 2013

October 12, 2013

November 9, 2013

December 14, 2013

Location: Hinshaw United Methodist Church, 4501 High Point Road, Greensboro, NC 27407,

Time: 9:00am

Contact: Roy Smith

Phone: (336) 312-0647

E-mail: n4byu@arrl.net

GARA REPEATERS

145.150 MHz - offset, 100 Hz. tone

442.8625 MHz. + offset, Digital D-Star



Greensboro Amateur Radio Association

P.O. Box 7054

Greensboro, NC 27417

www.w4gso.org

FIRST CLASS MAIL

The Official Publication of GARA