



The Greensboro Amateur Radio Association

# Feed Line



Providing Amateur Radio news for the Triad

Betty Williams, KC2BFN Editor

[www.w4gso.org](http://www.w4gso.org)[info@w4gso.org](mailto:info@w4gso.org)

## This Month's Program

As you've already read, Field Day is approaching very quickly. Plans are already being made for GARA's station, but to further prepare, our meeting this month will feature Tom Bertolino, KB1P who will speak to us about Field Day history, what it means, the different station classes, etc. This should prove to be very informative and interesting, and hopefully it will spur us all on to find a way to participate! In addition, Dave McLin, AC4A, who is coordinating GARA's Field Day activities, will take some time to answer questions and try to enlist helpers to make sure that everything goes smoothly. We hope to see you at Cooper's Ale House this Monday, May 22.

Thanks!  
Scott

ARRL FIELD DAY SITE LOCATOR IS LIVE FOR 2017, PUBLIC SERVICE ANNOUNCEMENTS AVAILABLE (6/24-25) – ARRL Field Day is June 24-25. The Field Day site locator is now up and running, and, to date, around 400 sites already are in the database. The 2017 Field Day public service announcements (PSAs) for event publicity are now available in audio or video formats.

Complete article inside for website information.

### NEXT MEETING Monday, May 22nd

The next meeting of the Greensboro Amateur Radio Association will be Monday, May 22nd, at Cooper's Ale House, Salon D Room, Wyndham Garden Greensboro, 415 S. Swing Rd. Greensboro, NC. This month's program: Tom Bertolino KB1P speaking about Field Day history.

**OUTER BANKS REPEATER ASSOCIATION RECEIVES 2017 GOVERNOR’S VOLUNTEER SERVICE AWARD** – The Outer Banks Repeater Association (OBRA) in North Carolina has been presented with the 2017 Governor’s Volunteer Service Award. OBRA President Andrew Darling, AA3YQ, accepted the citation at the April 17 Dare County Commissioners meeting in Manteo. The citation, signed by Governor Roy Cooper, said that OBRA members set themselves apart from other volunteer organizations “by always being available, even when the weather drives other organizations to sit back and stay out of harm’s way.” The citation said, “During other events they are often the first to arrive and the last to leave as they set up post to coordinate communications, ensuring that the event runs smoothly. And, when needed there is a focal point to deliver seamless coordination with emergency response personnel.” The citation said OBRA’s “disciplined, patient, and knowledgeable operators” are the result of an in-depth training licensing process. OBRA supports Dare County Emergency Management during storms and other major emergencies and provides communication support for numerous public events. — Thanks to Peregrine White, KI4IBF, OBRA PIO. For further information, see <http://www.arrl.org/news/outer-banks-repeater-association-receives-2017-governor-s-volunteer-service-award> (sources: ARRL website, KI4IBF, KJ4JPE)

**HISTORIC NSS CALL SIGN TO BE REACTIVATED FOR FIRST TIME IN MORE THAN 40 YEARS (5/13-14)** – Operators from the US Naval Academy Radio Club (W3ADO) and the Potomac Valley Radio Club (W3GRF) will reactivate the historic NSS call sign on May 13-14 during the Armed Forces Day Crossband Military/Amateur Radio Communications Test. For further information, see <http://www.arrl.org/news/historic-nss-call-sign-to-be-reactivated-for-first-time-in-more-than-40-years> (source: ARRL website)

**The Greensboro Amateur Radio Association**

- President Cameron Conover, AJ4TW
- Vice-President Scott Toth, KV4UP
- Treasurer Jaimie Restrepo, N4JAI
- Secretary Greg Spencer, KG4UQV
- Financial Chandlee White, KJ4ADX
- Engineering Chair Jesse Lindley, K4AX
- Operations Chair John Strandberg W4DX
- Members-at-Large:
  - Chris Thompson, K4HC
  - Gregory Ray, K4MHY
- Appointed Positions:*
  - Public Information Officer
  - Newsletter Editor
  - Betty Williams KC2BFN

**ARE YOU BENEFITING FROM THE ARRL WEBSITE?**

- A few topics to consider:
- Logbook of the World
  - International Operating Tutorials
  - Special Event Stations
  - Contests
  - QSL Services
  - Explore the website [www.arrl.org](http://www.arrl.org) and learn something new or refresh something old.

*The Feed Line* is ©2017 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

# GARA Meeting Minutes

## Board Meeting Minutes – May 2017

The GARA board of directors held their monthly meeting on May 8<sup>th</sup> 2017 at the Cooper's Ale house located at 415 Swing Road in Greensboro. The members present were; Cameron Conover AJ4TW, Scott Toth KV4UP, Chris Thompson K4HC, Greg Ray KK4MHY, Chan White KJ4ADX, Jesse Lindley K4AX, Jaime Restrepo N4JAI, John Strandberg W4DX and Greg Spencer KG4UQV. Cameron called the meeting to order at 7:15PM

We discussed moving the post office box to a location that is more convenient so the mail can be picked up more easily. It was decided that we would go ahead and change the post office box to Battleground Avenue, Jaime will go by tomorrow and make the change.

Cameron said that Dave McLin AC4A has agreed to be the field day coordinator and we need to give him all the help we can. We discussed whether to combine the GARA picnic with field day, it was decided that we should settle on a location before making the picnic decision. We had a good discussion about places to have field day and John Strandberg said he would check and see what is available. Jaime said he would like to make a \$50.00 donation to help with field day costs.

Jesse spoke about the 145.150 repeater antenna which has had a mounting bracket come loose during a recent windstorm causing the antenna to lean significantly. Chris Thompson K4HC made a motion to allot up to \$500.00 for antenna repair Scott Toth KV4UP seconded and the motion passed with all in favor. We discussed what to do about the antenna and Chris said we should get the climbing technician to inspect it and give us a recommendation.

Chan asked about a clarification of his duties as he had not been informed about concerning IRS tax filing and the Pay pal account. Jaime said he has already filed the IRS forms for GARA's nonprofit status and Scott says he is maintaining the Pay pal account. Chan's duties are to make sure it gets done. Jaime explained the process for filing IRS forms online to the board. Chan asked about the AT&T internet account and what the issue was.

Cameron said he would like Chan to help find a way to sell the donated equipment. Jaime said we can update the insurance inventory list at any time. We discussed updating the inventory and listed values on our old equipment.

Scott Toth KV4UP made a motion to adjourn the meeting. Jaime Restrepo N4JAI seconded, all in favor and the meeting ended at 8:11PM

Respectfully submitted by;  
Greg Spencer KG4UQV  
GARA secretary

# Regular Meeting Minutes – April 2017

The Greensboro Amateur radio association held their regular monthly meeting on April 24th 2017 at Coopers Alehouse located at 415 S. Swing Road in Greensboro.

Scott Toth KV4UP called the meeting to order at 7:15PM

Scott gave an update on Amazon.com- smile and GARA gear available by spread shirt. With free shipping from May 1st through the 7<sup>th</sup> use code FRO517.

Scott noted that GARA is looking for Sunday Net control operators. Please see Scott or Cameron if you would like to help. No experience necessary.

GARA's Ecco link node has been updated using the W4GSO call sign.

Tom Bertolino KB1P gave the membership report stating that as of 4/24/17 we have 90 members, we had one new member join at the meeting.

Scott said the finance committee needs help with picking up donations.

Cameron stated that we need volunteers to take donations to hamfests and we need a field day coordinator.

There was no field day site chosen as of this meeting.

Jesse Lindley K4AX gave the engineering report.

Scott hosted the program on Show us your Ht's

The raffle of the Wouxun 12G-UVD1P was won by Mindy Riewe, daughter of GARA member Chris Riewe.

8:30PM Cameron called for a motion to end the meeting, Tom Bertolino KB1P responded, all in favor.

Notes taken by Greg Ray KK4MHY

Respectfully submitted by;

Greg Spencer KG4UQV

GARA secretary.

**ARRL FIELD DAY SITE LOCATOR IS LIVE FOR 2017, PUBLIC SERVICE ANNOUNCEMENTS AVAILABLE (6/24-25) – ARRL Field Day is June 24-25.** The Field Day site locator is now up and running, and, to date, around 400 sites already are in the database. To find a Field Day site near you, type in your town and state in the “Location or Call Sign” box at the upper left. Listings also are available by state or Canadian province. To add a site, visit the Add Field Day Station page. The 2017 Field Day public service announcements (PSAs) for event publicity are now available in audio or video formats. For further information, see <http://www.arrl.org/news/arrl-field-day-site-locator-is-live-for-2017-public-service-announcements-available>

(source: ARRL website)

# From the President's Shack

President's Shack May 2017

It's time for the world's most famous hamfest, it's Dayton weekend. I've never been to Dayton; it's on the list though. If you are going I hope you'll find everything you are looking for and meet all kinds of great people! Also come back and tell us some stories! Jump on the Sunday net and tell us all about it. Speaking of hamfest, we have some interesting stuff happening with fundraising for GARA involving hamfest, I think it could be a lot of fun.

You may be aware that we have a problem with some hardware on the tower, I've been in contact with the city about this and we're working toward arranging to get someone up there to take care of it. The decision on exactly when and what will be done has yet to be made.

Field Day!! It's coming quick. Get involved; come out this Monday to the club meeting to find out why and how. It's time to get involved, we've got a lot going on with the club, fundraising, engineering committee, field day, presentations, and maybe a picnic and open house on the horizon. Get involved and help shape the future of the club, meet some of your fellow members, make some new friends, and have some fun with radios. No better time than the present. I'm looking forward to seeing everyone on Monday night. I'm excited about all the things happening in GARA.

73, Cameron Conover AJ4TW

## FIELD DAY - VOLUNTEERS NEEDED

David McLin, AC4A, our Field Day Coordinator for 2017, will soon be calling field day meetings, and looking for volunteers to help get things organized. We also asked the Guilford Amateur Society (GAS) to participate in a joint effort this year, so we hope to have a good turnout with lots of help. We will need band captains, radios and antennas, operators and loggers, and support equipment like generators, tents, tables and chairs, etc. The current plan is to conduct Field Day in Hagan Stone Park, but we are still awaiting final permission from them, so the location may change. We will keep everyone informed as events unfold.

Like last year, we also plan to have the annual picnic at the same time and location as Field Day. That requires some extra coordination, so we need a Picnic Coordinator. Please consider volunteering so we don't go hungry! Talk to Cameron, AJ4TW if you would like to take on this task.

With both GARA and GAS working together, we should be able to have a great field day this year, and I hope to see you there!

GARA Field Day Coordinator, Dave McLin  
[dmclin@gmail.com](mailto:dmclin@gmail.com)

GAS Field Day Contact, Terrell Brown  
[Terrell.brown@gmail.com](mailto:Terrell.brown@gmail.com)

# May Engineering Update

Summer is almost here and that means Field Day is around the corner. I look forward to setting up a station and working some contacts this year and hopefully we will have a nice turnout.

## 145.150 VHF FM/C4FM Repeater

As I talked about last month we acquired a second Yaesu DR1x repeater, and it was installed last month. It is still being burned in so to speak and it's been doing well with no issues, glitches, etc. and seems to perform as well as the other DR1x. Only sticking point to me is that the drive level on it needs to be adjusted a bit higher for the amp we have. Soon I'll put the original DR1x back online and get the new one adjusted correctly, then begin a regular rotation of use between the two of them.

As some may know, we had some trouble with the VHF antenna this month. We use a Decibel Products DB220 antenna (currently produced by Commscope), that sits right around 300 ft at the top spot of the tower. In the first week of May few storms blew through the area, and antenna was blown over to about a 45 degree angle on the top of the tower. The same day this happened there were a lot of reports of straight line wind damage in the area. The top bracket came loose but held, as you can see in the attached picture. It was luckily able to be fixed during regular maintenance on the tower that was being performed by the City of Greensboro so all is well as it apparently was fixed the same day I'm typing this report. Signal strength seems to be back up to the same level and when I go out to swap repeaters I'll check the SWR to make sure nothing has changed. Here at home even three miles away the repeater was noisy, and I noticed in some parts of Greensboro that signal strength was about half what it normally is. From what I could tell areas to the east and west of the antenna suffered the most due to the direction the antenna was leaning. So those that commute on Interstate 40 should notice an improvement with it being fixed today (May 19th)

## 442.8625 UHF Dstar Repeater.

The Icom G3 gateway software is still in the forefront of our current list of things to do with the Dstar repeater. Currently Steve K4SQI and Scott KV4UP are the Dstar IT guys and working on getting it done sooner than later and exploring some hardware options on the way. The computers at the site for the Dstar repeater have been in service for eight years now. We'd like to simplify/modernize that sooner than later before we are stuck with non-functioning equipment. Work is being started this weekend to get the gateway backed up and G3 software installed.

Jesse K4AX  
Engineering Chair

**DAMAGED REPEATER ANTENNA PICTURES BELOW**



## FINANCE COMMITTEE NEEDS YOUR HELP

Finance Committee needs some volunteers willing to help us price and prepare used equipment for several Hamfests coming up such as:

5/27 DurHamFest, Saturday, 8:30 a.m. – 12:30 p.m. < <http://dfma.org/dfmaDHF.html> >;  
 Winston-Salem Classic Hamfest -- June 3rd;  
 Firecracker Hamfest (Salisbury, NC, <http://www.rowanars.org/firecracker-hamfest/>) July 8th;  
 Mid-Summer SWAPFEST (Cary, NC, <http://www.qsl.net/n4nc>) July 15th.

If you are interested in going to any of these and representing GARA, please contact Chandlee White, KJ4ADX at [AccessInformationServices@gmail.com](mailto:AccessInformationServices@gmail.com). Let me know which event you would like to attend, what you are interested in doing and I will get back to you.

Chandlee White -- KJ4ADX  
 Finance Committee Chair

### Grounding and Bonding for the Radio Amateur

#### **Proper Station Grounding is Important!**

... Build your ham radio station with effective grounding and bonding techniques:

- **AC safety:** protects against shock hazards from ac-powered equipment by providing a safe path for current when a fault in wiring or insulation occurs.
- **Lightning protection:** keeps all equipment at the same voltage during transients from lightning and dissipate the lightning's charge in the Earth, routing it away from equipment.
- **RF management:** prevents unwanted RF currents and voltages from disrupting the normal functions of equipment (also known as RF interference or RFI).

**Grounding and Bonding for the Radio Amateur** shows you how to make sure your station follows current standards for lightning protection and communication systems, not to mention the National Electrical Code. You'll learn effective grounding and bonding techniques for home stations, including condos and apartments, portable and temporary stations, as well as towers and outside antennas. (arrl.org)

## *ISS Commander Peggy Whitson, ex-KC5ZTD, Sets New US Record for Time in Space*

Current International Space Station (ISS) Commander [Peggy Whitson](#), ex-KC5ZTD, this week broke the record for cumulative time spent in space by a US astronaut. President Donald Trump -- with daughter Ivanka Trump and astronaut Kate Rubins, KG5FYJ, joining him in the Oval Office -- called Whitson on April 24 to congratulate her on her accomplishment. With Whitson for the call on board the ISS was astronaut Jack Fischer, KG5FYH, who arrived on April 20 for his first mission aboard ISS.

"Peggy is a phenomenal role model for young women, and all Americans, who are exploring or participating in STEM education programs and careers," President Trump said. "When I signed the INSPIRE Women Act in February, I did so to ensure more women have access to STEM education and careers, and to ensure America continues to benefit from the contributions of trailblazers like Peggy."

Whitson tweeted back, "Thank you, Mr. President, for the great opportunity to highlight the research we are doing up here aboard the space station and beyond!"

Last November, Whitson, 57, launched to the ISS on her current mission, with 377 days in space already under her belt, and broke the 534 cumulative-day record in space held by Jeff Williams, KD5TVQ. Whitson became the first woman to command the space station in 2008, and on April 9, she became the first woman to command it twice. She also holds



**Peggy Whitson, ex-KC5ZTD, is joined by astronaut Jack Fischer, KG5FYH, as she speaks with President Donald Trump. [NASA photo]**



the record for most spacewalks by a female astronaut.

"This is an inspirational record Peggy is setting today, and she would be the first to tell you this is a record that's absolutely made to be broken as we advance our knowledge and existence as both Americans and humans," said NASA acting Administrator Robert Lightfoot.

This is Whitson's third long-duration stay on board the space station, and her mission was recently extended for another 3 months. Instead of returning to Earth in June as originally planned, Whitson will remain on the ISS until September, returning home with Fischer and Russian cosmonaut Fyodor

Yurchikhin, RN3FI.

Whitson first served aboard the ISS in 2002 as part of the Expedition 5 crew, was the Expedition 16 commander some 5 years later, and has conducted numerous Amateur Radio on the International Space Station (ARISS) contacts with students on Earth. Whitson has since let her Amateur Radio license lapse. -- *Thanks to NASA*

*Look Who 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 David Macchiarolo, AJ4TF, and his team of volunteer examiners for taking time out of their busy schedules each month to help new or upgraded hams in our area.

Next month's testing session will be on June 10<sup>th</sup> at Hinshaw United Methodist Church, 4501 High Point Road, Greensboro, 27407, at 9am. While walk-ins are welcome contacting the lead VE is preferred. Please contact David Macchiarolo, AJ4TF, email [aj4tf@arrl.net](mailto:aj4tf@arrl.net), phone (cell), 336-420-9424.

If you cannot make it to this test session, W4VEC holds a second test every month in this area. Test sessions are held at 10am on the last Saturday of each month at the Red Cross High Point Chapter, 815 Phillips Ave., High Point, NC 277262. Walk-ins are welcome. Contact information is David Macchiarolo, AJ4TF, email [aj4tf@arrl.net](mailto:aj4tf@arrl.net), phone (cell), 336-420-9424.

***Results from April 29, 2017 VE Session High Point, NC***



HAMEL, SANDRA L.  
Winston-Salem  
Earned Technician

HERBERT, RICHARD B (BRYAN)  
Archdale  
Earned Technician



MARTI CALOCA, JUAN M  
High Point  
Earned Technician

POWELL, BUNA J (JOHN)  
KA4CYW  
Advance  
Upgrade from Novice to Technician



TRAVIS, JESSE E  
Butner  
Earned Technician

REINER, PAUL J  
Lexington  
Earned Technician

HUTCHERSON, BRUCE C  
Winston-Salem  
Earned Technician

**NO PICTURES AVAILABLE:**

WILKINS, JOHN - Clemmons – Earned Technician

WAISNER, EVAN W. – Asheboro – Earned Technician

*Results from VE Session, Greensboro, May 2017*



WAISNER, MARK W.  
Asheboro  
Earned Technician

SCRONCE, CLIFTON E.  
KC4ANQ  
Greensboro  
Earned General

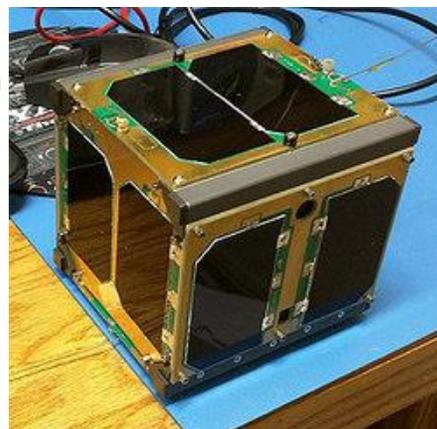
## RadFxSat (Fox-1B) Passes Mission Readiness Review, Could Launch in September

RadFxSat (Fox-1B) has successfully cleared another hurdle. A Mission Readiness Review was held April 29, at the Cal Poly campus before a board representing Tyvak, Cal Poly, and NASA, to verify that all requirements have been met for a safe and successful launch and deployment. AMSAT Vice President for Engineering Jerry Buxton, N0JY, presented 81 *PowerPoint* slides covering all Interface Control Document (ICD) requirements, mission, operations, and deorbit. Following the presentation and a question-and-answer session, the panel unanimously approved RadFxSat as ready for flight.

The next milestone will be integration of the CubeSat into the Poly Picosat Orbital Deployer (P-POD). Launch is set for no earlier than September 21, 2017, aboard a Delta II launcher from Vandenberg Air Force Base in California.

A partnership with [Vanderbilt University ISDE](#), RadFxSat hosts four payloads for the study of radiation effects on commercial off-the-shelf components. It's one of four CubeSats making up the NASA [ELaNa](#) XIV mission, riding as secondary payloads aboard the Joint Polar Satellite System JPSS-1 mission.

RadFxSat features the Fox-1 style Amateur Radio FM U/V repeater, with an uplink on 435.250 MHz (67.0 Hz CTCSS) and a downlink on 145.960 MHz. Satellite and experiment telemetry will be downlinked via the "DUV" (data under voice) subaudible telemetry stream and can be decoded with the *FoxTelem* software. -- Thanks to AMSAT News Service via Jerry Buxton, N0JY



### UPCOMING HAMFESTS AND CONVENTIONS –

May 27: 43rd Annual DurHamFest, Durham FM Association, Durham, NC,

<http://www.dfma.org/dfmaDHF.html>

June 3: Winston-Salem Classic Hamfest, Forsyth Amateur Radio Club, Winston-Salem, NC,

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

July 8: Firecracker Hamfest, Rowan Amateur Radio Society, Salisbury, NC,

<http://www.rowanars.org/firecracker-hamfest/>

July 15: Mid-Summer SWAPFEST, Cary Amateur Radio Club, Cary, NC, <http://www.qsl.net/n4nc/>

July 29: WCARS Hamfest 2017, Western Carolina Amateur Radio Society, Waynesville, NC,

<http://wcars.org/>

August 5: 20th Annual Catawba Valley Hamfest, McDowell Amateur Radio Association, Morganton, NC,

<http://www.cvhamfest.com>

August 12: 19th Annual Cape Fear Amateur Radio Society Swapfest, Cape Fear Amateur Radio Society, Fayetteville, NC, <http://www.cfarsnc.org>

September 1-3: 61st Annual Shelby Hamfest/ARRL North Carolina State Convention, Shelby Amateur Radio Club, Shelby, NC, <http://www.shelbyhamfest.org> It is not too early to apply for ARRL-affiliation of your club's upcoming hamfest! For more information, see <http://www.arrl.org/arrl-sanctioned-events>

(source: ARRL website)

# Calendar of Events

May 22	GARA General Meeting (Cooper's Ale House in Salon "B", Greensboro)
May 27	VE Session (Red Cross Building, High Point)
May 27	DurHamFest ( <a href="http://dfma.org/index.php?option=com_content&amp;view=article&amp;id=402&amp;Itemid=16">http://dfma.org/index.php?option=com_content&amp;view=article&amp;id=402&amp;Itemid=16</a> )
Jun 3	Winston-Salem Classic Hamfest (Winston-Salem, NC <a href="http://www.w4nc.com/events.htm">http://www.w4nc.com/events.htm</a> )
Jun 10	VE Session (Hinshaw United Methodist Church, Greensboro)
Jun 12	GARA Board Meeting
Jun 24-25	Field Day Place TBA
Jun 26	GARA General Meeting (Cooper's Ale House in Salon "B", Greensboro)
Jul 8	VE Session (Hinshaw United Methodist Church, Greensboro)
Jul 8	Firecracker Hamfest (Salisbury, NC, <a href="http://www.rowanars.org/firecracker-hamfest/">http://www.rowanars.org/firecracker-hamfest/</a> )
Jul 10	GARA Board Meeting
Jul 15	Mid-Summer SWAPFEST (Cary, NC, <a href="http://www.qsl.net/n4nc">http://www.qsl.net/n4nc</a> )
Jul 24	GARA General Meeting (Cooper's Ale House in Salon "B", Greensboro)
Jul 29	VE Session (Red Cross Building, High Point)
Jul 29	WCARS Hamfest (Waynesville, NC <a href="http://wcars.org/">http://wcars.org/</a> )
Aug 5	20th Annual Catawba Valley Hamfest (Morganton, NC <a href="http://www.cvhamfest.com">http://www.cvhamfest.com</a> )
Aug 12	VE Session (Hinshaw United Methodist Church, Greensboro)
Aug 12	19th Annual Cape Fear Amateur Radio Society Swapfest (Fayetteville, <a href="http://www.cfarsnc.org">http://www.cfarsnc.org</a> )
Aug 14	GARA Board Meeting
Aug 26	VE Session (Red Cross Building, High Point)
Aug 28	GARA General Meeting (Cooper's Ale House in Salon "B", Greensboro)
Sep 1	North Carolina State Convention (Shelby, NC <a href="http://www.shelbyhamfest.org">http://www.shelbyhamfest.org</a> )
Sep 9	VE Session (Hinshaw United Methodist Church, Greensboro)
Sep 11	GARA Board Meeting
Sep 25	GARA General Meeting (Cooper's Ale House in Salon "B", Greensboro)
Sep 30	VE Session (Red Cross Building, High Point)
Oct 9	GARA Board Meeting
Oct 14	VE Session (Hinshaw United Methodist Church, Greensboro)
Oct 23	GARA General Meeting (Cooper's Ale House in Salon "B", Greensboro)
Oct 28	VE Session (Red Cross Building, High Point)
Nov 11	VE Session (Hinshaw United Methodist Church, Greensboro)
Nov 13	GARA Board Meeting
Nov 25	VE Session (Red Cross Building, High Point)
Nov 27	GARA's Election (Cooper's Ale House in Salon "B", Greensboro)
Dec 9	VE Session (Hinshaw United Methodist Church, Greensboro)
Dec 11	GARA Board Meeting (transition meeting)
Dec ?	Area Ham Christmas (holiday) Party TBA
Dec 25	No GARA General Meeting this month
Dec 30	VE Session (Red Cross Building, High Point)

The 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@arrrl.net](mailto:kb1p@arrrl.net).

# Area Happenings

**FOURTH MONDAY** – at 6:30 pm, the Greensboro Amateur Radio Association have their regular monthly meeting at Cooper's Ale House, 415 S. Swing Rd., Greensboro, NC 27410. Please plan to gather at 6:30 pm for dinner. The meeting is scheduled to start at 7:15 pm

**CLUB NETS:**

**SUNDAYS** – at 8:30 pm, the Technical Forum on the 145.150;-at 9pm, the GARA News and Information Net. This net features News Line and is on the 145.150, W4GSO repeater. Patrick Moore K2CPR 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 54C)

**WEDNESDAYS** – at 8:45pm, 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.

## GARA REPEATERS

145.150 MHz - offset, 100 Hz. tone

442.8625 MHz. + offset, Digital D-Star

## The W4VEC Testing Schedule June 2017 to .Sep.2017

June 10, 2017

July 8, 2017

Aug. 12, 2017

Sep. 9, 2017

Location: Hinshaw United Methodist Church, 4501 High Point Road, Greensboro, NC  
Time: 9:00am

Contact: David Macchiarolo  
Phone: 336-420-9424  
E-mail: aj4tf@arrl.net



### Greensboro Amateur Radio Association

P.O. Box 7054

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