



The Greensboro Amateur Radio Association

# Feed Line

Providing Amateur Radio news for the Triad



Brian Wilson, NX4U, Editor

www.w4gso.org

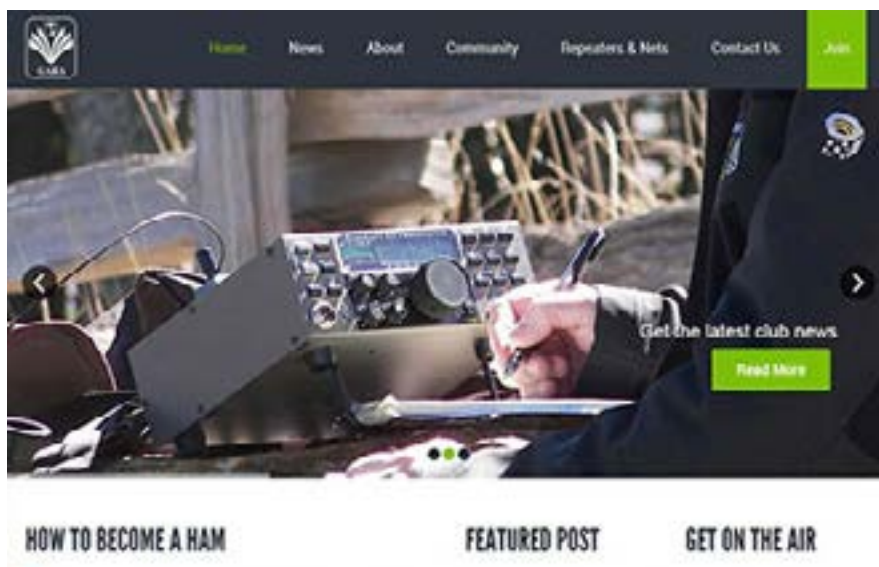
info@w4gso.org

## There is a lot going on!

by Brian Wilson, NX4U

Be sure to look through this issue carefully, because there is a lot going on! What might you ask? To name a few of the events let's start with a RARS Dinner, a FreeFest, a new website and a possible, repeater upgrade. Want to know more? Just continue reading and hopefully many of your questions will be answered.

Do you still have more questions? GREAT! We hope to see you at this month's meeting when many of the questions will be answered.



## This Month's Program

Our March Meeting will be held on Monday, March 23rd at 7:15 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, gossip, and connect faces to call signs.

The presentation topic for this month is GARA's new website hosted by Cameron Conover, AJ4TW. Cameron plans to explain and demonstrate the features of the new website and answer any questions you may have about the site.

Some reminders:

- GARA's 2015 membership was due by March 1, 2015. You can pay your dues at any meeting. GARA now accepts credit cards, checks, or cash.
- GARA has new name badges. If you do not have your, you can get your name badge at any meeting.
- If your ARRL membership is up soon or you want to join ARRL, you can do it through GARA. Renewal/ Join forms are available at this meeting.

### NEXT MEETING Monday, March 23

The next meeting of the Greensboro Amateur Radio Association will be Monday, March 23rd, at Captain Bill's Seafood & Steakhouse, 6108 West Market Street, Greensboro, NC 27409, between Guilford College Road and Swing Road. The program for this month's meeting is GARA's new website hosted by Cameron Conover, AJ4TW.

## GARA Meeting Minutes

### Regular Meeting Minutes February, 2015

The Greensboro Amateur Radio Association held their monthly meeting on February 23, 2015, at Captain Bills Seafood Restaurant located at 6108 West Market Street in Greensboro. Tom Bertolino, KB1P, called the meeting to order at 7:16pm.

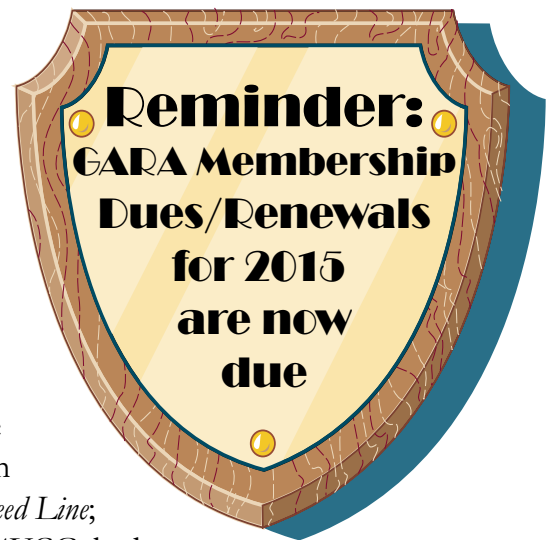
Tom asked that everyone identify themselves. Tom congratulated the new hams.

#### CLUB BUSINESS and OFFICER REPORTS

Cameron Conover, AJ4TW, spoke about upcoming programs. Cameron also spoke a little about Field Day 2015 and the need for a Field Day chairman and committee. Cameron spoke about the responsibilities of the Field Day committee.

Greg Spencer, KG4UQV, had nothing to report; Todd Smith, AK4TS, had nothing to report and stated that we have a good turnout tonight; Roy Smith, N4BYU, spoke about ham radio testing; Jesse Lindley, K4AX, said his report is in *The Feed Line*; Scott Toth, KV4UP, had nothing to report; David Bond, KK4VCG, had nothing to report; Patrick Moore, K2CPR, stated that progress is being made.

Betty Williams, KC2BFN, said that the N4G special event station is listed in QST, and she will place a notice in the *News & Record*, also.



#### SCHEDULED EVENTS

N4G special event station March 14-15.

GARA picnic May 16th.

Field Day June 27-28.

#### The Greensboro Amateur Radio Association

President Thomas Bertolino, KB1P  
Vice-President Cameron Conover, AJ4TW  
Treasurer Todd Smith, AK4TS  
Secretary Greg Spencer, KG4UQV  
Financial Scott Toth, KV4UP  
Engineering Chair Jesse Lindley, K4AX  
Operations Chair Roy Smith, N4BYU  
Member-at-Large David Bond, KK4VCG  
Member-at-Large Patrick Moore, K2CPR

##### Appointed Position:

Public Information Officer  
Betty Williams, KC2BFN  
Webmaster & Newsletter Editor  
Brian Wilson, NX4U

The Feed Line is ©2014 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.

David Macchiarolo, AJ4TF, spoke about the N4G special event station and the need for operators.

Jim Hightower, W4JLH, made an announcement about the upcoming concert scheduled for March 7th to help Greg Spencer KG4UQV with medical expenses after his major operation recently. Roy made a motion that GARA purchase a table at the concert, Allan Kaplan, W1AEL, seconded and the motion carried.

Marty Young, W4MY, presented a program on the North Carolina QSO party coming up on March 1st.

David Macchiarolo, AJ4TF, made a motion to adjourn, Roy Smith, N4BYU, seconded, and the motion carried. The meeting ended at 8:22pm.

*Minutes taken by David Bond, KK4VCG, and transcribed by Tom Bertolino, KB1P.*

## Board Meeting Minutes - March, 2015

The GARA board of directors held their monthly meeting on March 9th 2015 at Captain Bills. The members present were; Tom Bertolino, KB1P; Cameron Conover, AJ4TW; Patrick Moore, K2CPR; Todd Smith, AK4TS; Roy Smith, N4BYU; Jesse Lindley, K4AX; and Greg Spencer, KG4UQV. Betty Williams, KC2BFN, and David Macchiarolo, AJ4TF, were visiting.

Tom called the meeting to order at 7:02pm.

Tom said the application for reserving the park for Field Day has been submitted to the park ranger.

Cameron said the program for this month will be on launching the new W4GSO website.

The board discussed Field Day ideas. Volunteers are needed. Greg made a motion that the Field Day committee look into having a meal on Saturday evening and possibly on Sunday morning. Roy, seconded, all in favor and the motion carried.

Todd said that he will be making some changes to the accounting and record keeping making it more streamlined and accessible. Todd made a motion to start having our board meetings at a library instead of at the restaurant, Cameron, seconded, all in favor and the motion carried.

Roy and David Bond had no report.

Patrick said he would like to see the income and loss information and look into ways to increase income.

The board discussed the 501(c)3 nonprofit status, and Tom reported that he is waiting on a reply from the IRS. Roy said he will call the IRS and see if he can find out the status of the application. Cameron made a motion that we contact the ARRL and other resources on 501(c)3 and see what assistance they may be able to give us, Todd seconded and the motion carried. Tom made a motion that from here on the Finance chairman and or the treasurer handle the 501(c)3 filing, Cameron seconded and the motion carried. Tom then made a second motion that any changes made to the current 501(c)3 application or any new application be approved by the board before being submitted by the financial officer or the treasurer, Cameron seconded and the motion carried.

David Macchiarolo spoke about the N4G special event station that is coming on March 14th & 15th. David said he is equipment rich and operator poor, and he thanked everyone for their support.

Jesse said he is still working on getting the cost estimates for the antenna repairs.

Patrick said that he spoke to the owners of the N4DUB repeater about sharing the internet service and cost. Patrick stated that they were not interested at this time.

Cameron made a motion to purchase and replace the repeater controller with the Arcom unit that David had recommended last year, Roy seconded and the motion carried with all in favor.

The board discussed the Yaesu DR1X repeater that Yaesu is discounting to clubs. There were several emails passed around on this topic over the last week or so. Patrick made a motion that we submit an application to Yaesu and if approved we would purchase a DR1X repeater and use it to replace the 145.150 repeater, Todd seconded, 2 for, 5 opposed and 1 abstention. The motion failed. David Bond made a motion to file the DR1X application with Yaesu and notify the club via email and at the general meeting if it is approved, Cameron seconded, 5 for, 2 opposed and 1 abstention. The motion carried. Patrick spoke about the need for another analog repeater. Patrick made a motion to purchase a second DR1X repeater and install it at another location on a UHF frequency. No one seconded and the motion failed.

Betty Williams said she will place a notice in the *News & Record* about the N4G special event station.

The meeting ended at 8:35pm.

*Respectfully submitted by Greg Spencer, KG4UQV, GARA Secretary.*

## From the President's Shack

For those who did not work at or visit the N4G Special Event Station you missed a great time. I would like to thank all those who helped setup, operated the stations, and helped teardown. Thank you for volunteering your time. Special thanks goes to David Macchiarolo, AJ4TF, who did an outstanding job planning and running this year's event.

The next scheduled event is GARA's Annual Picnic, May 16th at Hagan Stone Park, Shelter 5. May



is a couple of months away, but it will be here before we know it. The board is looking for a GARA member to head the picnic committee. The picnic committee chairperson will work with GARA's board of directors and be responsible for planning and organizing the event. If you are interested in being the picnic committee chairperson or you want to help setup or cook please let me or any GARA board member know. My email address is kb1p@arrl.net

GARA's Picnic is a fun family event.

Do not miss this chance to have your

family meet all those voices that they hear when you are talking on your radio. If have not marked the picnic on your family's calendar now is the time do it. I hope to see you and your family there.

This year's Field Day is scheduled for June 27th -28th with set up Friday afternoon June 26th. It will be held at the same location used for N4G, Colonial Heritage Center in Tannenbaum Park, at the southeast corner of Battleground Ave and New Garden Road in Greensboro.

GARA is responsible for running this year's Field Day. The board is looking for club members to help plan and run this major event. If you are interested helping shape Field Day into a fun event for the GARA, please contact Cameron Conover, AJ4TW, at [shiftlink@gmail.com](mailto:shiftlink@gmail.com).

Don't miss this month's General Meeting on March 23rd. Cameron will be updating the membership on the new website. He will host a presentation which demonstrates the features of the new website. See you at the meeting.

Tom Bertolino, KB1P

President, GARA

**March, 2015**





## 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 March, there were five (5) who passed their test(s), and earned either their Technician, General or Extra class license.

Next month's testing session will be on April 11th 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 Roy Smith at (336) 312-0647 or by email at [n4byu@arrl.net](mailto: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 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 Bob Williams, KB4TWG, email [robwilliams@northstate.net](mailto:robwilliams@northstate.net), phone (cell), 336-812-5500.

**Photos Courtesy of Tom Bertolino, KB1P, and/or Roy Smith, N4BYU**



***Gordon Shanks  
Passed Tech***



***Thomas Graham  
Passed Tech***



***Doug Becroft  
Passed Tech***



***Dennis Schumaker  
Passed Tech***



***Jeffrey Triplett  
Passed Tech***



## March Engineering Update

*From Jesse Lindley, K4AX*

March was a busy month for the engineering committee! At the beginning of the month the UPS backup power supply that failed at the end of February was replaced on the VHF machine. Also, Patrick, K2CPR, and I removed the lower VHF backup machine to clean out the residue left behind from a rodent invasion! Inside the repeater and all over the bottom of the cabinet seemed to be a rest stop for our rodent friends at the repeater site. They also visited the paper packing around the VHF duplexer and the bottom of the cabinet. Everything was cleaned, repeater installed, and a excess telephone alarm line was removed. At this time we also switched the VHF machine to the backup that we had removed to verify it was still working. It was noted that the RX on the backup machine seemed to be a bit better than the main unit.



**Crimping a new connector**

The same day Patrick and I also noticed a lot of extra N to SO-239 adapters and right angle adapters on the D-STAR repeater, and a extra piece of coax that was joined together with a gender changer and barrel connector. We removed the adapter and extra cable.



**Dstar repeater, gateway and controller servers remounted to the rack to be self supporting.**

Later in the month, Cameron, a helpful friend and I visited the site again to check out the RX on the main repeater. It was down -12dbm over the backup, around 118 on RX sensitivity. It was quickly adjusted to around -126dbm @ 12 db sinad, a great improvement. Power out and SWR was inline. The repeater was also tested for noise at this time with signals input in directly into the repeater, duplexer, hardline to the Polyphaser lightning protector, and past it, and into a antenna with the weakest

signal that could be generated that would trip the squelch. No noise could be detected at that time in any of the tests and the main VHF repeater seems to be doing very well.

see D-Star, page 7

## D-Star (continued from page 6)

David, KK4VCG, came out to help with the D-STAR Linux based gateway to help do a backup. We ran into an issue with the usb thumb drive partition and the backup service was started but could not complete. We broke the gateway linking in the process because the machine thought it was doing



**Removed extra adapters and cable not needed in the install to reduce loss. More will come off when new heliax jumpers are made with the right connectors on them.**

a backup. The next day, with advice from David, AJ4TF, about the backup service running, David, KK4VCG, got the D-STAR gateway going!

On March 19th Cameron and I visited the site in what we thought would be a quick visit to rework ethernet cables and mount the D-STAR server and gateway computers to the rack so they would be self supporting. They had been sitting on the D-STAR repeater and over the years they were starting to slope the Dstar machine at a downward angle from the weight. 4ft ethernet cables were replaced with 1ft long jumpers. On a previous visit that week, I noticed that the N connector on the TX line between the D-STAR machine and the amplifier looked loose, and with a very light pull the cable came right out of the connector with the pin still attached. A new N connector was crimped on, more gender changer adapters that were not needed were removed for a total of seven adapters or connectors removed from the RX and TX lines. Two more are slated for removal once a new cable is made from the amp to the duplexer. Other room for improvement was noted and will be done in the next month. Later that evening Cameron was able to work the repeater at low power on a HT in a area he was not able to previously, and Rick, NM3G, checked in stating that for the first time ever he was able to hear and get into the D-STAR repeater from his house!

Lastly, I'd like to say that the board voted on a new repeater controller for the VHF repeater and I look forward to getting it in place. The controller is a Arcom 210 that David, AJ4TF, and the previous engineering committee recommend to replace the aging RC2 controller.



**Removed 4ft long Ethernet jumpers and replaced with 1ft jumpers to clean up the install a bit.**

Jesse Lindley, K4AX@arrl.net

73, from the GARA Engineering Committee!



## Repeater Upgrade – Yaesu DR-1X

Dear GARA members,

As anyone who deals with technology knows, nothing lasts forever. And, like with cars, there is a time when it makes sense to upgrade to a newer model before your old one experiences more problems than you can afford. On rare occasion, someone will come along and offer you a good deal on a car with new features around the same time you're looking to replace the old model with a new one. It doesn't happen often, but when it does, it's a good idea to take advantage of the deal.

Our club is in a similar situation. Because of their age and the era in which they were designed and built, our VHF repeaters are challenging to program and maintain, and they require a binder full of instructions to understand properly. They are also decades old, so there isn't a way for any of us to tell with any certainty how much longer they'll last, but that may not matter. The club has an opportunity to purchase a brand new repeater with new features at a very discounted rate, and the board would like your input.

Here is the deal: Yaesu has a new repeater system named "Fusion." It's called this because the same repeater can handle both analog and digital signals. Yaesu would like to sell more HTs and mobile VHF radios, so they've been offering their new DR-1x repeater to clubs for only \$500 – that's over 70% off the new retail price of almost \$1700. This offer isn't available to individuals or anyone else, just amateur radio clubs. The catch is that the deal ends on March 31, so a decision needs to be made very soon.

It should be noted that many other clubs in the Piedmont area have already taken advantage of this offer and either have this system on the air now, or will deploy it soon. For example, the Reidsville/Madison club is already using two DR-1x repeaters, and both the Thomasville and Winston-Salem clubs will be upgrading in the near future because of this deal. This makes adding it to Greensboro more attractive as the central location in this area.



The DR-1x repeater will be setup so that it can receive both standard analog FM signals and C4FM digital signals from any C4FM compatible radio. Once it receives a digital signal, it will convert it to analog and output an analog signal only so that everyone, both with old and new radios, can hear it. That way, those with existing analog FM radios will be able to continue to use the repeater as always, but those who want to try new C4FM radios can take advantage of their benefits, like improved voice clarity using the same amount of output power at a further distance from the repeater. The DR-1x is also much simpler to program through a front full-color touch panel, and that will help ease setup and maintenance for engineering committees of the future.

In order to maintain our current repeater setup as a fully redundant backup system, the board would prefer to also purchase an additional power amplifier to use with the new repeater to increase the output signal strength. This will add to the cost some, but should be able to be purchased for a reasonable amount of a few hundred dollars.

There will be a discussion about this at this coming Monday's meeting. Please feel free to ask questions or give thoughts. Also, if you're interested in this project or are so inclined, please consider giving a one-time donation to offset the cost of purchasing the new equipment. A few people have already pledged to give to the project, so if approved by the membership, the cost to the club will already be less than stated above.

Sincerely,

The GARA Board of Directors



## RARS Hamfest Dinner

The RARS Hamfest Dinner is April 3 at 7:00 pm in the Social Room of the Jim Graham Building on the NC State Fairgrounds. You and your family are invited to attend and to greet our vendors and dealers.

The meal is FREE.....RARS provides the pork barbecue, fried chicken, barbecue chicken, slaw, green beans, boiled potatoes, hush puppies, and drinks. We suggest that you consider bringing a side dish of baked beans, other cooked veggies, raw veggie trays and dips, tossed salads, pasta salads/casseroles, or desserts. We do not need chips, rolls/breads, or sandwiches or any additional items of food (those listed in blue above) that the club is providing. The items I have listed in green have proven to be what folks will take as they go through the lines after getting plates filled with the food the club provides; however, if you have any food item not listed that you want to bring, please feel free to do so.

Can I count on you to contribute a side dish, preferably divided into two throw away containers? We will have two serving lines and try to have the same items in both lines. Food items need to be brought to the Jim Graham by 6:15 or as close to that time as possible. We do not have refrigeration for foods so keep this in mind if you need to bring something earlier in the day. Desserts, veggie trays, and tossed salads would not need refrigeration...but even they do not need to sit for hours before being served. You do not need to let me know what you might bring.... but e-mail or call me if what I have indicated is not clear.

Thanks so much for giving my request for items of food every consideration. Should you not be able to contribute an item of food, you are still welcome to attend the dinner. Bringing something is by no means required... so, please, come have dinner with a fine group of fellow "Hams"! Our Friday night dinners have proven to be very popular and enjoyable over a period of at least 15 years.

Looking forward to having you and your families join us for dinner on April 3 at 7:00 pm.

Mary Jo Littlewood, k4mjl@arrl.net, 919-872-6555

## FreeGate 2015 - May 16, 2015

### The Qorvo (Formerly RFMD) Amateur Radio Club Presents

FREEGate 2015 - A FREE tailgate swapfest!

Yes, that's right FREE – NO ADMISSION FEE!

**Saturday, May 16th 2015 from 8:00AM to 11:00AM (Rain or Shine)**

Qorvo (formerly RFMD) Headquarters – BACK parking lot ONLY please

7628 Thorndike Rd., Greensboro, NC 27409 - Talk in frequency - 145.250MHz PL 88.5Hz

NO admission fee, NO space rental! All profit is yours!

We provide a paved parking lot, on-site ATM, and indoor toilets. You provide everything else: tables, canopies, power, drinks, food, and merchandise.

**Vendors: dBj Electronics**

*Please ... NO firearms, NO pornographic material permitted on site!*

For more information: [info@kd4rf.org](mailto:info@kd4rf.org) - Visit [www.kd4rf.org](http://www.kd4rf.org) for updated information

Thanks and 73, Rick, NM3G

**March, 2015**

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## For Sale

MFJ Super Menu Driven Memory Keyer model MFJ-492. Like new in box with instruction manual. \$50 or best offer. Ed Miller AD4YB, [edddsad4yb@gmail.com](mailto:edddsad4yb@gmail.com) or phone 336 282 0937



## Silent Key - Alton Charles Purcell, K4SFM



GREENSBORO ALTON CHARLES PURCELL, AGE 72, WAS born February 8, 1943 in Greensboro to William Fletcher Purcell and Dorothy Pulley Purcell. He died March 5, 2015 in the home with his loving family by his side. He was preceded in death by his brother Kenneth and surviving wife Rena Mae Purcell of Greensboro, and is survived by one brother, Harvey and Delores Purcell of Harkers Island, and two sisters, Elaine and David Barham of Harkers Island, and Marie and Steve Miller of Gloucester. Alton graduated Page High School in 1960. He worked as an electrician by trade and retired from Moses Cone Health System. Alton had a love of golf and was a member of Monroeton Golf Club where he was a member of the Best Ball group. He also had a passion for salt water fishing

and playing the guitar. He was also an avid Ham radio operator. He was a man who could do anything that he set his mind to accomplish. Most of all, he set his mind and heart into raising a family with his beautiful wife. He was a man of Christian faith. Although his life has stopped in this world, it began anew when he entered the gates of Heaven. Alton's family was extremely important to him and he is going to be missed by them all. Alton is survived by his wife Brenda Purcell. Alton and Brenda were married for 53 years. He is also survived by four children: Bruce and Teresa Purcell, Rex Purcell, Ronda Crawford, and Ben and Lina Purcell; four grandchildren: Kurt, Vania, John, and Morgan; and two great-grandchildren, Lillian and Anthony. Romans 8:16-17: "The Spirit itself beareth witness with our spirit, that we are the children of God: And if children, then heirs; heirs of God, and joint-heirs with Christ; if so, be that we suffer with him, that we may be also glorified together."

## Silent Key - Ed Fulcher, KJ4CR



STONEVILLE EDWARD L. ED FULCHER, SR., 64, PASSED away Sunday evening, February 15, 2015 at his home in Stoneville. Memorial services will be held at 11 a.m. Saturday, February 21, 2015 at Stoneville Christian Disciples of Christ with Rev. George "Buddy" Self officiating. Ed was born in Rockingham County to the late Russell and Preston Shivley Fulcher. He was formerly a supervisor for Burlington Industries and later served as the custodian for Baptist Temple Church for many years. Known as "KJ4CR", Ed spent as much time as possible on his HAM radio and was a longtime member of the Gold Wing Motorcycle Club. He was also a longtime and faithful member of Baptist Temple Church. Along with his parents, he was also preceded in death by his wife, Wanda Southard Fulcher. He is survived by his sons, Lee Fulcher, Jr. of Reidsville and Mac Fulcher and wife, Courtney of Cascade, VA; his granddaughter, Katy Fulcher of Reidsville; sisters, Russelene Disher and husband, David of the home and Virginia Gail Eisbacher and George of Stoneville; brother, Jimmy Mark Fulcher, Sr. of Eden; and several nieces and

nephews. Wilkerson Funeral Home is serving the family and condolences may be made to the family on-line at [www.wilkersonfuneral.com](http://www.wilkersonfuneral.com).

**March, 2015**

## Calendar of Events

- Mar 23 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- Mar 28 25th Annual Down East Hamfest (L CC Gymnasium, 231 Highway 58 South Kinston, NC)
- Mar 28 VE Session (Red Cross Building, High Point)
- Apr 4 NC State Convention (43rd Annual RARS Fest Raleigh, NC) <http://www.rars.org/rarsfest>
- Apr 11 VE Session (Hinshaw United Methodist Church, Greensboro)
- Apr 13 GARA Board Meeting
- Apr 18 Catawba Valley Hamfest (Morganton, NC) <http://cvhamfest.com>
- Apr 25 VE Session (Red Cross Building, High Point)
- Apr 27 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- May 9 VE Session (Hinshaw United Methodist Church, Greensboro)
- May 11 GARA Board Meeting
- May 16 GARA Picnic, Hagan Stone Park, Shelter #5
- May 25 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- May 30 VE Session (Red Cross Building, High Point)
- Jun 8 GARA Board Meeting
- Jun 13 VE Session (Hinshaw United Methodist Church, Greensboro)
- Jun 13 Winston-Salem Hamfest (Summit School, 2100 Reynolda Rd) <http://www.w4nc.com>
- Jun 22 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- Jun 27-28 Field Day
- Jun 27 VE Session (Red Cross Building, High Point)
- Jun 7 30th Annual Firecracker Hamfest (Salisbury, NC) <http://www.rowanars.org>
- Jul 11 VE Session (Hinshaw United Methodist Church, Greensboro)
- Jul 18 Mid-Summer SWAPFEST (Harold Ritter Park, Cary, NC) <http://www.qsl.net/n4nc>
- Jul 25 VE Session (Red Cross Building, High Point)
- Jul 25 WCARS Hamfest (Haywood County Fairgrounds, Waynesville, NC) <http://wcars.org>
- Jul 27 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- Aug 8 VE Session (Hinshaw United Methodist Church, Greensboro)
- Aug 8 17th Annual Cape Fear Amateur Radio Swapfest (Fayetteville, NC) <http://www.cfarsnc.org>
- Aug 10 GARA Board Meeting
- Aug 24 GARA General Meeting (Captain Bill's Seafood & Steakhouse, Greensboro)
- Aug 29 VE Session (Red Cross Building, High Point)

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](mailto: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 54C)

**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

Feb. to July, 2015

Apr. 11, 2015

May 9, 2015

Jun. 13, 2015

July 11, 2015

Aug. 8, 2015

Sept. 12, 2015

**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](http://www.w4gso.org)

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