



The Greensboro Amateur Radio Association

# Feed Line

Providing Amateur Radio news for the Triad



Brian Wilson, KJ4LKY, Editor

www.w4gso.org

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## 100 Watts, Lousy Antenna

By Chris Thompson, K4HC

I'm sure many of you have heard the evening "DX Hounds" on the repeater recently, along with a little bragging about country totals towards DXCC. I'll bet many of you are also convinced you can't do the same thing with your HF setup.

I'll let you in on a little secret – I also run 100 watts, and have a lousy antenna. Yet I'm "this close" to getting DXCC confirmed on Logbook of the World. By the time you read this, I very well may have DXCC confirmed (if not, it'll be soon). You can do this, too... with a little persistence, patience, and taking advantage of a few tips.

I don't have a tower, I don't have a Yagi antenna – just a vertical and a multi-band doublet strung up between two trees. I don't use an amplifier. I don't spend all my waking

hours in front of the radio. I have a good deal of noise from the urban environment. I have a job, I have a family, I have a household to take care of. These are only challenges.

## Goldwingers "Hammin" It Up

By Donna "DJ" Ferguson, KD4WIK

On April 23rd, we Goldwingers had the opportunity to participate in a motor awareness activity. What a great time we had and the event was a roaring success!!

The event that we attended was a Hamfest, held in Raleigh. These events draw hundreds of amateur radio operators. There are several Hamfests held every year, all over NC. There are also larger Hamfests held in other states, much the same way that Goldwingers hold rallies.

The day started like any normal goldwing ride, way too early. We left

Challenges can be overcome.

I know I've been doing this a while, but it wasn't until just this year that I set a goal of working DXCC  
see **Lousy**, page 8

our house at 5:15 am (0 dark 30) to go meet up with John and Marie Robinson so that they could follow  
see **Goldwing**, page 9

## NEXT MEETING Monday, May 23

The next meeting of the Greensboro Amateur Radio Association will be Monday, May 23rd, at the Golden Corral Steak House, 4404 Landview Dr, Greensboro, NC 27407, off Wendover Ave. near Sam's Club. This month's meeting will be a presentation by Terrell Brown, K4TLB, on the Dayton Hamvention and also, a presentation on "Amateur Radio in TV, Film and Broadcast."

## Save the Date! GARA Picnic: May 21, 2011

The annual GARA picnic will be on Saturday, May 21st from 6pm until dusk at Hagan-Stone Park, Shelter #4. This picnic is open to all GARA members in good standing as of April 1st, 2011, and their guest (spouse, significant other or main squeeze).

The food will be provided by the club and will include but not be limited to hamburgers and hot dogs with all the trimmings, potato salad, baked beans, iced tea, water and a limited supply of regular and Diet Coke.

Please make your plans to attend and RSVP to Todd Smith, AK4TS – todd.smith.greensboro@gmail.com



## GARA Meeting Minutes

### Regular Meeting Minutes April 25, 2011

The GARA regular monthly meeting was held on April 25, 2011, at the Golden Corral restaurant located beside Sam's Club on Wendover Avenue.

Chris Thompson, K4HC, opened the meeting and asked that everyone identify themselves.

Chris asked for reports from the club officers.

Al Allred, K4ZKQ, said that our membership dues are coming in faster than fore cast and the dollars are going out slower than fore cast at this time.

Ernie Wall, NC4EW, said that the check book is balanced and the next bill coming up is the equipment insurance payment due next month.

Greg Spencer, KG4UQV, said that he has volunteered to be

the contact person for GARA at field day this year and he will coordinate with John Doggett, AJ4DV, about what is required to satisfy the town of Summerfield's requirement for insurance during the field day event.

Todd Smith, AK4TS, said that GARA members should start getting e-mails about the club picnic. Todd also spoke about how David Macchiarolo, AJ4TF, has been working hard on the repeaters and trying to locate the source of the interference that we have been experiencing lately.

Todd said that we should all support the K4NSC station at the natural science center and that he will try to get a team together soon to do some antenna work at the science center.

Betty Williams, KC2BFN, said that the membership drive is going smoothly.

Bob Mays, KE4MOW, spoke about the upcoming Club picnic on May 25th at Hagen Stone Park.

Allen Bradley, KD4IUN, spoke about the soccer tournament coming up on Memorial Day weekend. Allen also said that he is still looking for someone take over the soccer tournaments as this will be the last tournament for him. Contact him at [kd4iun@arrl.net](mailto:kd4iun@arrl.net)



Tom Hatley, KF4JZD, said that there will be Skywarn training coming up at the NC Zoo on May 12th. The class will be in the Stedman building at 4401 Zoo parkway. Call 336-318-6483 to sign up. Tom also said that the Belews Lake triathlon has been rescheduled for September 24th.

Lee Price, KD4GCF, still needs volunteers for the Boy Scout camporee coming up next weekend in Denton, N.C. Contact Lee for information.

Gerald Donnelly, N4PAX, introduced our guest Robert Krasowski, KB2PNM, who gave a very interesting program about a balloon that he launched with a camera on board and used APRS to track the balloon.

The meeting ended at 8:22pm.

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

#### The Greensboro Amateur Radio Association

President Chris Thompson, K4HC  
Vice-President Gerald Donnelly, N4PAX  
Treasurer Ernie Wall, NC4EW  
Secretary Greg Spencer, KG4UQV  
Financial Al Allred, K4ZKQ  
Engineering Chair David Macchiarolo, AJ4TF  
Operations Bob Mays, KE4MOW  
Member-at-Large Todd Smith, AK4TS  
Member-at-Large Betty Williams, KC2BFN  
*Appointed Positions:*  
Webmaster Tom Forrest, N4GVK  
Newsletter Editor Brian Wilson, KJ4LKY

The Feed Line is ©2011 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 2nd 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 9, 2011

The GARA board of directors held their monthly meeting on May 9, 2011, at the Benjamin Branch of the Greensboro Public Library.

Chris Thompson, K4HC, called the meeting to order at 7:00pm with the following members present; Todd Smith, AK4TS; Al Allred, K4ZKQ; Bob Mays, KE4MOW; Ernie Wall, NC4EW; and Greg Spencer, KG4UQV.

There was discussion of David Macchiarolo, AJ4TF, forwarding the updated inventory list to Ernie so he can send it to the insurance company.

Bob updated the board on the plans for the GARA picnic coming up on March 21st. Todd said that so far there are 45 people registered.

We are still alert to the possibilities for an additional repeater location.

Ernie said that the finances are pretty good. He said that our liability insurance is paid up until March 2012. Ernie also mentioned that the ARRL has changed insurance carriers and we have the option to change also. After some discussion Chris made a motion to keep things as they are now and look at changing carriers next year when the policy comes up for renewal, Al seconded, and the motion carried.

Greg said that the town of Summerfield needs a copy of our certificate of liability insurance on hand before field day. Ernie said that he will deliver a copy to the town manager.

Al said that the income from memberships is ahead of forecast and expenses are less. We have 95 members currently on the roster.

At the request of a GARA member, Todd opened a discussion about past memberships that have not renewed. We decided that it would be best to let Betty Williams, KC2BFN, contact the past members as she is recruiting membership already.

We discussed encouraging repeater users to become GARA members. We also discussed some program topics for the upcoming meetings.

Todd said that he has spoken with a printing company and gotten some basic prices for printing shirts with the GARA logo on them.

We discussed taking membership applications and renewals through the website.

Allen Bradley needs some one to take over the soccer tournaments as he is retiring after the next tournament. Chris asked the board to consider who could possibly serve on a committee.

We discussed the front page article in the last feed line about

the HR607 bill which was not quite suitable for all audiences.

Al said that Allen Mentor, AI4NG, has donated two radios to the GARA loaner program. Allen is moving into a rest home and needs some help in setting up some radios and antennas.

Bob said that everyone needs to watch what they say on the repeater.

Bob asked about a talk-in station at the picnic and possibly an HF radio. After some discussion it was decided that we just keep it informal and if some one brings a radio that will be fine.

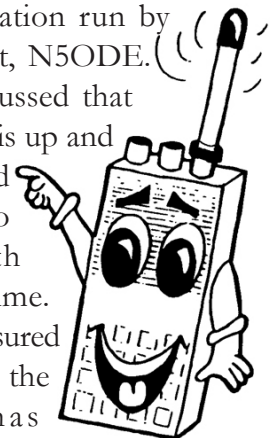
David called in and brought up a discussion about the ecolink station run by Gary Grant, N5ODE.

It was discussed that the station is up and running and there are no issues with it at this time.

Gary has assured David that the station has been properly

set up and has the safeguards necessary to operate properly.

Bob made a motion to bring the meeting to an end, Al seconded and the meeting ended at 8:25pm.



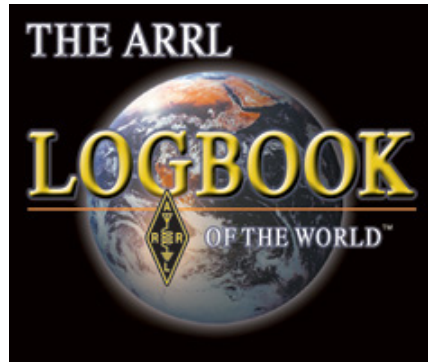
*Respectfully submitted by Greg Spencer, KG4UQV, GARA Secretary.*

## From the President's Shack

Well, another month has snuck up on us. I still have antenna projects that haven't been completed, including erection of a 6 meter beam on the roof. I'm still pushing to complete DXCC confirmed on Logbook of the World, and getting really close...4 more to go as this is being written. I keep working them, and have been impatiently checking to see who's confirmed. I've been having a lot of fun on the repeater in the evenings helping others (and being helped myself) grab a "new one".

I'm already starting to work

on WAS, which is another award that I just never have pursued, but have been working towards but only



when there's not DX waiting to be worked...the propagation gods sometimes have a strange sense of

humor.

Obviously, I've taken to doing a little recreational "award chasing" - just one of the many aspects of Ham Radio that has happened to catch my current interest. And it continues to be fun.

I guess that means when I do get the wallpaper, I'll have to get them framed, and hung up to show off. That of course, means I'll have to clean up the shack, so I can invite people in ..... and THAT is a never ending project, at least in my house.

73, and keep havin' fun!

Chris

## GARA Meeting Topic for May: "Amateur Radio in TV, Film and Broadcast"

By Gerald Donnelly, N4PAX

Join us Monday, May 23 GARA meeting for two excellent program topics.

1. Dayton Hamvention 2011 Report, Terrell Brown, K4TLB, will have just returned from the Dayton Hamvention and will share his perspective on it. He will invite others who have attended the event to share their experiences as well. So, if you are going to Dayton (May 20-22), please come and tell us about it. If you aren't going, then come and listen and enjoy!

2. "Amateur Radio in TV, Film, and Broadcast—a presentation by

Terrell Brown, K4TLB.

Terrell will present to us his fascinating presentation on how ham radio has been presented in Radio, TV, Film and Broadcast. There's no doubt that Amateur Radio has had an impact on our society. It is possible, however, that we (licensed hams) view our avocation one way while others (non-licensed hams) look at us differently. How have we been portrayed in various media? Are we viewed positively or with suspicion? The examples that Terrell with show us will give us

Amateur Radio in TV, Film, and Broadcast



some idea of our public image in the US.

We want to thank Terrell in advance for his willingness to share with us on these two topics. Monday, May 23 is his birthday! We are privileged that he will spend some of his time that day serving GARA graciously! Let's all wish him a "Happy Birthday"!

## 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 Glenda

Nicholson, AG4NC, and a group of volunteers, each month there are new or upgraded hams in our area.

In May, we had 2 individuals who passed their test(s) and earn either their Technician, General or Extra class license.

Next month's testing session

will be on June 11th at #3 Centerview Dr, Hickory Building, Greensboro, NC 27407 at 9:00am. While walk-ins are welcome contacting the lead VE is preferred. Please contact Glenda Nicholson at (336) 674-3810 or by email at [ag4nc@bellsouth.net](mailto:ag4nc@bellsouth.net)



*Christian Herring - KF4LXB,  
Upgrade to General*



*Brian Wilson - KJ4LKY,  
Upgraded to Extra*



*Glenda, AG4NC, and Christian talk  
as the tests are graded.*



All Photos Courtesy of Todd Smith, AK4TS

Several of the VEs grade the completed exams as examinees wait for the results. At least three (3) VEs must be present for the tests to be given. W4VEC often has more than enough.

Remember to tell these folks thank you for their selfless dedication and the numerous volunteer hours they dedicate to the amateur radio community.

In this picture: Glenda, AG4NC; Roy, N4BYU; John, W4DX; Chris, K4HC

## Engineering Update for May, 2011

From David Macchiarolo, AJ4TF

Hello everyone, not much to report this month. The repeaters are running well, I guess it's good that I don't have to report fixing this or that problem this month! I have not even been to the repeater site in the month of May at this writing.

Last month, I reported that we had located some promising "targets" of possible interference, in the immediate area of the repeater site. Unfortunately I haven't had time to do any further investigating of these targets, but I have on loan from Chris K4HC, a tape measure Yagi that will be used to take a look at the area again in the weeks to come, so, more to come, hopefully. I have not heard the suspect interference on the 145.15 machine recently, but, if you do, I would ask the you take note of the date, time and other pertinent conditions, and report it to myself, or any GARA board member.

In my own station, I have completed a few semi-interesting projects in the last month, so I'll fill my space with that this month.

1) My old Tektronix 2465 scope decided to go on strike... it refused to power up. So, having nothing to lose, I disassembled it and tracked it down to a faulty AC power switch, which I replaced. I took a few photos which I posted on Facebook at: <http://tinyurl.com/63ulxtd>

2) I recently ordered the KNB2 wideband pulse noise blanker option from Elecraft for my K2 HF radio (s/n 7006). I built the kit in a few hours, and installed it in the radio, which required a little bit of minor surgery to it. <http://www.elecraft.com/images/KNB2.JPG>

My K2 is now equipped with a lot of the available options:

- SSB modulator
- Noise Blanker
- Audio DSP
- 100W final

The only one I don't have now is the 160m option, which I don't really need until I get a better antenna.

3) I have a home-brew sound card interface that is rigged up between my computer and my Elecraft K2 HF radio. The interface

has a 1/8" audio plug to connect to the K2's speaker output to get the sound into the PC, and it has an eight-pin microphone plug to interface the computer's sound output and PTT to

the radio. Previously, any time I wanted to switch from phone to digital modes, I had to remove and swap cables around, which besides being inconvenient, had the possibility of eventually wearing out the connectors on a moderately expensive radio. So for the last several hamfests, I have been looking for an inexpensive A/B switch box, the kind used for serial ports. At the Raleigh hamfest, I found one for \$3, so with the appropriate connectors, and some creating hole-drilling, I now have a universal-8-pin-mic-and-audio-AB-switch: changing the inputs and outputs to and from the radio to two different sources (mic & speakers, or computer) is simple as flipping the switch. I tried it out last night, and made several contacts on PSK31 in Europe - Poland, two in France, and one in the Ukraine, so I guess at least the "B" side is working!

That's all for this month.  
David, AJ4TF



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## For Sale

Contact Tom Forrest, N4GVK, [n4gvk@bellsouth.net](mailto:n4gvk@bellsouth.net) or call 336-202-8650

### HEATHKIT 1 KW LINEAR AMP. SB-200 w/ Manual

Was purchased a while back. Never used it as I don't have the antenna system to do it justice. It was suppose to be in good working order when I purchased it. This is is a! KW on CW and 1200 on SSB using 2 - 572-B tubes - wired for 110, but can be wired for 220 Volts. Asking \$300 (they have been advertised on QRZ for \$400) - sold as-is, no warranty. No shipping, pick-up only. Over all it's very clean. More information: [www.rigreference.com/rig/5254-Heathkit\\_SB\\_200](http://www.rigreference.com/rig/5254-Heathkit_SB_200)

### KENWOOD TM-D710 DUAL BAND RADIO

This is the best dual-bander made by Kenwood. 50W output - 3 power levels. It was purchased new a couple of years ago and has never been mobile and in a clean environment. Mint Condition. Used very little. This radio is capable of packet and has built in modem, APRS and Echolink ready - computer programmable with free software from Kenwood. Programming (PG-5G) cable not included. Asking \$385 - All manuals and original box - sells for \$539 when you can get a coupon from HRO.

More information:  
[www.kenwoodusa.com/Communications/Amateur\\_Radio/Mobiles/TM-D710A](http://www.kenwoodusa.com/Communications/Amateur_Radio/Mobiles/TM-D710A)

## News Briefs That Effect the Ham Community

From ARRL

### FCC Seeks to Raise the Fee for Vanity Call Signs

The FCC released a Notice of Proposed Rulemaking and Order (NPRM) on May 3, seeking to raise the fee for Amateur Radio vanity call signs. Currently, a vanity call sign costs \$13.30 and is good for 10 years.

The new fee, if the FCC plan goes through, will go up to \$14.20 for 10 years, an increase of 90 cents. The FCC is authorized by the Communications Act of 1934 (as amended) to collect vanity call sign fees to recover the costs associated with that program.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. Instructions on how to comment on this NPRM are available on the FCC Web site at, <http://www.fcc.gov/cgb/consumerfacts/howtocomment.html>.

The vanity call sign fee has fluctuated over the 14 years of the current program -- from a low of \$11.70 in 2007 to a high of \$70 (as first proposed in the FCC's 1994 Report and Order). In 2007, the Commission lowered the fee from \$20.80 to \$11.70. The FCC said it anticipates some 14,600 Amateur Radio vanity call sign "payment units" or applications during the next fiscal year.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur

Radio vanity call sign program that began in 1996 came up for renewal five years ago.

Those holding vanity call signs issued prior to 1996 are exempt from having to pay the vanity call sign regulatory fee at renewal, however. That's because Congress did not authorize the FCC to collect regulatory fees until 1993. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC Amateur Radio database.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission.

### College Students Attempt High Altitude Balloon Launch

The Amateur Radio club at Rochester Institute of Technology will be presenting a display of modern technology and applications with ham radio at the university's annual ImagineRIT festival on Saturday, May 7. Members of the RIT

Amateur Radio Club, K2GXT, have constructed a custom High Altitude Balloon that will be suspended below a weather balloon and launched up to 100,000 feet during the festival. The balloon will stream live data back to the exhibit, displaying information such as

location, altitude and temperature. The planned launch will take place close to the beginning of the festival. The group will also be flying a 12 foot long custom radio-controlled blimp. This blimp has appeared several times at the RIT men's and women's hockey games this season.

### Hams Continue to Provide Support

Even though the storms that raged through the Southeast have long gone, the damage and heartache they left in their wake are still present. In Alabama, the state that felt the biggest brunt of the storms, hams made their way to fire stations, emergency operations centers and shelters -- anywhere they were told that they were needed.

Calling it his first experience with an EF-5 tornado, ARRL Southeastern Division Director Greg Sarratt, W4OZK, said that the devastation is "mind-boggling! ARES® successfully provided a massive amount of critical communications, got repeaters back on the air, with no utility power. It

took five days before significant utility power was

restored; my power was restored on the evening of Day Six. ARES® has gone above and beyond in supporting multiple government and not-government organizations and conducting many other tasks, all at once. ARES® works!"



## Lousy

continued from page 1

(100 “countries” confirmed). And while I have a few choice contacts in the log from about 10 years ago, since February, I’ve confirmed 76 countries (as of the time this is being written). How, you may ask?

I admit, I have one “advantage” that many of you don’t use...I enjoy CW. A significant portion of my confirmed contacts are on CW – because that’s my mode of choice. There’s some really juicy DX out there to be worked on CW. But this isn’t an article trying to push you into adding CW to your skill set (unless you WANT to)...this is about things you can do NOW.

First – operate during a contest. It seems that most any weekend, there’s a contest going on. Some are small, but there are a few “big ones” every year that you really should try to take advantage of. The ones I’m thinking of are ARRL DX, CQ WorldWide, and CQ WPX. The big

advantage of working a contest is that the DX WANTS to work you. Since there are so many DX stations on the air and active, the competition isn’t quite as great for each contact. Just a bit of research, and you’ll understand the exchange required (every contest is a little different). Then spend a few hours actively working contacts during the contest. You can work at your own pace, and with the time you have available.

Second – take advantage of your computer. Almost everybody has one these days. Use electronic logging. Not only will you eliminate time entry errors, it makes uploading the log that much easier. Along with this, assuming you have a full-time internet connection – use the internet spotting networks. This will alert you to where the DX is working at any given time. If you have a modern radio that allows computer control – hook it up to the computer as well. This way, a single mouse-click will get you on frequency, ready to work that new one. The

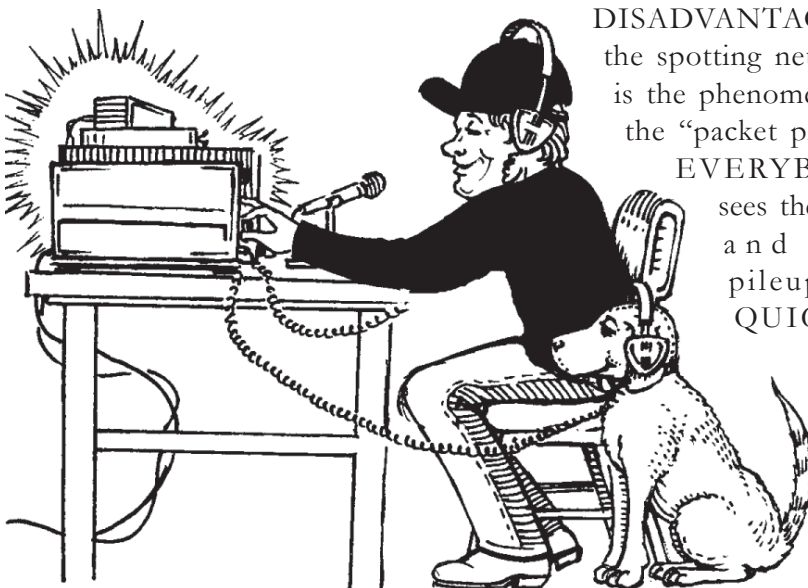
DISADVANTAGE to the spotting networks is the phenomena of the “packet pileup.” EVERYBODY sees the spot, and the pileup can QUICKLY

get large and unruly. So, don’t forget to tune around to see what YOU can find.

Third – If you’re not already doing so – add digital modes to your repertoire. PSK-31 is tailor-made for weak-signal, low power work. JT65 is another one, and well suited for VERY weak signal work. A sound-card interface between your computer and radio adds a whole new world – plus has the advantage of being “quiet” – no disturbing the family late at night shouting into a microphone (*by the way, stop shouting into the microphone...it doesn’t make you any louder at the other end...it just adds distortion to your signal*).

Fourth - If you’re going for an award, you have to get these contacts confirmed. Sign up for Logbook of the World (see: <http://www.arrl.org/lotw>). It’s free to use – it only costs a nominal amount if you want to use these contacts to apply for an award. Get a supply of envelopes and postage to your incoming DX Bureau (see: <http://www.arrl.org/incoming-qsl-service>). Remember that not every contact will confirm – you’re going to have to work more than one station in each country to get the confirmations – unless you’re VERY lucky! My contacts uploaded to Logbook of the World confirm at about a 20% rate – your mileage may vary.

Finally – you gotta work ‘em to get ‘em confirmed! Get on the air regularly and make contacts. You’ll have fun, you’ll make new friends, and you can get up and brag about the “new one” you just snagged.





## Goldwing

continued from page 1

us to Raleigh. We arrived with just enough time to get parked, and get ready for the doors to open at 8 am. I never realized just how hard it is to perform simple tasks without enough caffeine! Between the four of us (and at least one of us wasn't quite awake yet), we managed to get everything ready by 8am.

As part of the set up, we had two computers set up with motorist awareness videos running. We also had lots of brochures, copies of Wing World and bumper stickers to give away.

Marie and John took the lead and started talking to people. Around 9, Ralph came in and Wayne and Elva Grant showed up with lots more supplies. We

all took turns talking to passing hams, passing out brochures and reminding everyone "Look Twice, Save A Life". Marie, John, Ralph, Wayne, and Elva were all a very big help. This event was definitely more than a two person job and the help was greatly appreciated.

We met lots of people who were both interesting and weird. We also met several young hams. We were amazed at the number of amateurs that we talked to who were also motorcycle enthusiasts. Some of them still currently ride and were very interested by the show and tell that Robert put on. He explained and showed the ham radio set up we have on our bike. We even spoke to some fellow goldwingers. Some had given up

riding for various reasons but were still much in love with the hobby. It was really neat to see just how ham radio and motorcycles could work together.

For more information on GWRRA please go to <http://www.gwrrancg.org>.

For more information on ARES <http://www.guilfordares.org> and for more information on Ham Radio in general please go to <http://www.arrl.org/new-to-ham-radio>



### ANNOUNCING THE ALL NEW

# Winston-Salem Classic Hamfest

**Saturday, June 11, 2011** Hours 8 AM - 2PM

Talk-In 146.64 (100Hz) - alternate 145.47, (100Hz)

All three Forsyth Amateur Radio Club hamfests have moved to the new **Summit School Athletic Center, 2100 Reynolda Road in Winston- Salem, N.C.**

Features include a big outdoor fleamarket in the parking lot area, a large air-conditioned indoor selling space, breakfast and lunch concessions, FCC testing, ham-related exhibits, admission of only \$5 per person and \$10 inside to reserve inside tables!

**SPONSORED BY  
THE FORSYTH AMATEUR RADIO CLUB, INC.**

GOTO [WWW.W4NC.COM](http://WWW.W4NC.COM) FOR FULL DETAILS



# Area Happenings

**FOURTH MONDAY** – at 6:30pm, the Greensboro Amateur Radio Association have their regular monthly meeting at the Golden Corral, 4404 Landview Dr, Greensboro, NC 27407, off Wendover Ave, near Sam's Club. 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 June to Nov. 2011

June 11, 2011

July 9, 2011

August 13, 2011

September 10, 2011

October 8, 2011

November 12, 2011

**Location:** #3 Centerview Dr,  
Hickory Building,  
Greensboro, NC 27407

**Time:** 9:00am

**Contact:** Glenda Nicholson

**Phone:** (336) 674-3810

**E-mail:** ag4nc@bellsouth.net

## GARA REPEATERS

145.150 MHz - offset, 100 Hz. tone

442.8625 MHz. + offset, Digital D-Star



**Greensboro Amateur Radio Association**

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