



MARS News

July 2013

Volume 64, Issue 7

Mecklenburg
Amateur Radio
Society™

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Upcoming Events

- ◆ Lake Norman Excursion:
Saturday, July 13th
- ◆ Charlotte Motor Speedway
Time Trial Series for CCTA:
Wednesday, July 24th
- ◆ Bike MS: Breakaway to the
Beach: September 21st &
22nd
- ◆ Cystic Fibrosis Cycling
Event: Saturday, October
26th

See www.ridemaps.com for more
information on these events!

PREZ SEZ - A LETTER FROM THE PRESIDENT



Andy Hawkins (K4GKK), President

Hello fellow members,

A couple of weeks ago, the club completed yet another successful ARRL field day. This year, as many of you know, we returned to Mint Hill Park just off Wilgrove Mint Hill Road. We had used this park for a number of years before trying out the Belk Boy Scout Camp. Although this site was very suitable for the field day activities, it was not particularly easy to find and was not accessible by the general public. This was our main reason for returning to the Mint Hill Park.

This year we operated in the 3A category, which allowed us to set up three stations with a bonus GOTA station. The first station was the CW tent, which operated the club's TS570 with a 3-element A3 beam and a 80/40m dipole attached to the Charlotte Fire Department's 50' crank up tower. It was powered by a very quiet Honda generator, which was loaned to us by Mitch, KX4MB.

The next station was the Digital Tent which relied completely on the 20 thru 10 m dipole mounted on an expandable mast at about 30'. This station ran the other TS570 owned by the club, and the signal link interface and antenna tuner. Dave, KJ4SJY and Stan, AJ4ZL provided the

laptop computer used to operate the digital station. The club's Honda generator provided the power.

The GOTA (Get On The Air) station was set up by John, WB2NHQ who provided the radio and antennas and set up under a small awning with the antennas strung between various trees in the vicinity. The power was provided by the main generator, which ran flawlessly during the whole field day event. This area was also where we set up our Public Information Table, complete with various brochures and the odd ham hanging around to help with any questions.

The main phone SSB station was set up in the Club's RV. We used the Ten-Tec Jupiter with the external tuner, which ran into the club's A4 beam, which was mounted, along with a dual band dipole, atop the club's crank up aluminum tower. Power was provided by the main generator, which ran the Astron power supply in the RV. The generator also ran the A/C unit in the RV.

We started set up on Friday, June 21st at about 2:30pm and had most of the antennas and operating tents set up by about 8:00pm. Whilst I did not recognize everyone, I was very pleased with the turn out on Friday for set up. One visitor/helper dressed in his favorite NC Basketball's team colors turned out to be Senator Jeffrey Tarte of the NC Senate, 41st District. Night watch was graciously taken care of by Dave, KC4YPB.

Saturday, June 22nd started off very busy, with me delivering the station equipment to most of the sites. We also had some fun with the antenna launcher trying to set up the dipole at the CW site (I'm still convinced we could have had fresh

chicken for the picnic if I had pumped up the launcher to a higher pressure.... only kidding). Once all the sites were set up and running, including the wireless LAN for the computer logging, we were ready for 2:00 pm to arrive. Meanwhile, over in the picnic shelter, Mary, N4MH and Tom, KA3VVJ (with a lot of help) had prepared a wondrous feast for our traditional Field Day picnic. This was a tremendous success and we had about 40 people come out to enjoy the great weather and wonderful fellowship. Towards the end of the picnic, just before we were to start field day operations, we received a visit from the Chairperson of the Mecklenburg County Commission, Ms. Pat Cotham. She enjoyed some of the fine fare we had to offer and apparently had a very thorough and rapid introduction to the world of amateur radio. She was assisted by Paul, K4VCF who guided her around the site with a long visit at the GOTA station, where John, WB2NHQ gave her a chance to

talk on 2meters (no points counted here). John also had a visit from Greg Houser, W3FIE, who is the communications head for the Charlotte Fire Department.

The 24-hour operation went smoothly with the digital and SSB stations garnering the most interest and contacts. The CW station had a few nibbles on Saturday, but most of the contacts were made on Sunday morning by Earl, K4KAY and Bill, WA2EDN. We did have a few periods of radio silence, which I hope we can fix at next years' event. However, I believe that all that took part in the weekend - whether it was set up, take down, operating or just plain fellowship - had a great time. Even the weather was good during the event except for a short sharp shower we had during take down.

I did mean to publish the results that John had worked up, but I have given the sheet back to him and cannot remember the breakdown we had accomplished.

The thing I do remember is that the score was on par with last year, which is marvelous.

I wish to express my heartfelt thanks to all for a great weekend. Let's do this again next year....

The next meeting is going to be another great subject - Digital operation of your rig via a PC, presented by Mitch, KX4MB. We will have a working radio demonstration. This promises to be very interesting. If you have anything you would like to show off, radio wise, please do not hesitate to bring it along to the meeting and educate us.

If you have any comments or anecdotes to add to the field day experience, please let me or anyone else on the board know, or you can write something up and send it into the Newsletter editor.

Best 73 -
Andy Hawkins, K4GKK

Field Day



2013



*Mary Hunt (N4MH),
Chairperson*

PUBLIC SERVICE COMMITTEE NEWS - MARY HUNT, N4MH

It is that time of the year when our Public Service work slows down a slight bit. Since the last newsletter, there have not been any Public Service Events in which we have participated.

Listed below are the upcoming Public Services Events for 2013 that are on our calendar. If anyone has an event that we need to put on the calendar, please let me know.

On a monthly basis, we support the **Carolina Cycling Time Trial Events** at Charlotte Motor Speedway. We are the track Marshalls and station hams around the track to ensure that there is no drafting and also for safety reasons. The remaining dates for 2013 are: *Wednesday, July 24* *Wednesday, August 14* *Tuesday, September 10*

On Saturday, July 13, the **Red Cross Lake Norman Excursion** will be held with the start point in Mooresville. John White, WB2NHQ coordinates the volunteers for this event.

September 21 and 22, 2013 will be the **MS Break Away to the Beach**. This is the largest Public Service event that we support each year. We leave from Monroe, NC on Saturday morning and the finish point on Saturday is Francis Marion University in Florence, SC. On Sunday, we have two start sites - Florence, SC and Green Seas, SC - and we finish up at Sunset Beach, SC. We also have a start line on Saturday in Columbia, SC that is supported by the Columbia Amateur Radio Club. So mark your calendars early and plan to join us for this great event. To volunteer for this event, go to www.ridemaps.com and scroll down to the event. If you can only work one day of the event, that is GREAT -- we would love to have you!

MS has blocked rooms in Florence, SC for Saturday night. To stay at one of the hotels with the best rates, go to: http://bikenct.nationalmssociety.org/site/PageServer?pagename=BIKE_NCT_breakawaydetails and check out the list.

At the August club meeting, we will have all the up-to-date information on the Bike Tour. We will explain the duties of each position as well as give out SAG kits and T-shirts to new volunteers.

October 26, 2013 is the **Cystic Fibrosis Cycling Event** in Waxhaw, NC. Tim Slay, N4IB coordinates the volunteers for this event.

AMATEUR RADIO LICENSE EXAM SESSION - AUGUST



The next W4BFB sponsored VE test session will be held on Saturday, August 17 at 9:00 am. The test will be held at East Baptist Church in Charlotte, NC. Please arrive at 8:30 am to complete your paperwork.

Please bring the following items with you to the exam: a picture ID, the original and a copy of your license or the original and copy of a CSCE (if you currently hold a license).

The exam fee is \$10.00. This is a walk-in exam. For more information, send an email to Mary Hunt at mhuntbc@gmail.com or call 704-948-7373.

AMATEUR RADIO LICENSE EXAM SESSION - AUGUST

Address:

YCARS Clubhouse
2119 Squire Rd
Rock Hill SC 29730-7593

There is an upcoming license exam session in Rock Hill, SC on Saturday, August 17, 2013. This event will be sponsored by the YCARS club. Testing will begin at 9:30am and walk-ins are allowed.

Contact Information:

Jason R. Starnes
(803) 980-2342
jrstarnes@gmail.com



Stan Bagwell - **AJ4ZL**
Mitch Barbato - **KX4MB**
Jeff Blythe - **KA4WYC**
Hal Bouton - **N4QT**

Vincent Caponi - **K2AMV**
Richard Dodd - **K4KRW**
Shelley Eaves - **KJ4ATK**
Shawn Goodin - **K4RSG**



MEMBER SPOTLIGHT



Corey Steele, as of this writing, was prepping for his license. He joined the MARS at the June 2013 meeting as an associate member. He is waiting to test at the next VE session. Corey lives in Charlotte, coming here from south Florida five years ago. He is a native of Londonderry, New Hampshire. His interest in amateur radio grew out of his exposure to vacuum tube radios and Morse Code when he was a student at his vocational/tech high school. The interests in electronics channeled him into a career as an electrical engineer. Corey has been employed in the IT industry since the early 1980's. During that time, he worked in satellite communications for RCA, before the days of high-speed technology communications. His work also included a stint with IBM on mainframes and basic continuity planning. In Florida, he was Director of IT for the Seminole Indian Casino and worked closely with the Emergency Coordinator for RACES. On 9-11, Corey was in New Hampshire and deployed to lower Manhattan working in trenches to reroute communications cables. The work was supposed to be a temporary fix for the communications problems, but the final product was such that the "temporary" fix is still in place. Corey's interest in the older vacuum tube radios and circuits has not waned over the years. He enjoys restoring the old radios, especially transoceanic models enjoyed by so many in the 50's and 60's who were glued to the radios listening to faraway places. When Corey gets his license, he says his interests in the hobby will gravitate toward RTTY and Satellite communications. MARS welcomes Corey and looks forward to having his participation in club activities.



Tony Lewis, KE4VVF

In the last edition of the newsletter, we announced that **Tony Lewis, KE4VVF**, is taking over as Mecklenburg County ARES Emergency Coordinator. Tony is not a newcomer to amateur radio. He received his first license in 1995 after a VE testing session sponsored by W4BFB. Because of work constraints (on call 24-7), he had to take a limited 10-year hiatus from amateur radio and was only checking in on the 2 meter net occasionally. He was able to start giving more attention to the hobby two and a half years ago, when he is not tending his "antique variety" rose garden. Tony has lived in Charlotte since 1982 after he moved from Greene, New York. He has worked in emergency management at an industrial plant for 16 years. He wants to expand the base of hams who are involved in ARES because of the value they bring to amateur radio and especially the community. Expect to hear him recruiting for ARES volunteers who can be FEMA certified in the event hams are deployed in an emergency. Tony is working hard to promote and advance using simplex in the event one or more repeaters are knocked out. He encourages hams to turn on the 2 meter rig on any Sunday night at 8:30 on simplex 147.505. He lives north of I-85, off of I-77, at one of the highest elevations in the Charlotte area and when he starts swinging his beam, you may be able to make contact. For those in the south end of the county, he estimates his beam will be pointed toward Matthews about 8:45 p.m. Give the simplex net a try. Tony will appreciate the effort and any contact.



Alfred Kokoszczynski

Alfred Kokoszczynski, KC2GZI, joined MARS at the June meeting. He moved here from Liberty, New York and is now living in Indian Trail. His last job in NY was working for a hospital blood bank. His career and travels have taken him to many states and cities east of the Mississippi. Alfred received his first ham license in 2000 in Liberty, NY. Since then, he upgraded to Extra and became ARRL certified as a Volunteer Examiner (VE) to test candidates for amateur radio licenses. His interest in amateur radio began as a kid reading Popular Science/Popular Mechanics magazine articles about ham radio operators and fascination with projects related to the hobby. Competing demands in Alfred's life put licensing on hold until 2000. Since then, he was active in clubs in the northeastern United States and at one time, was President of South Towns Amateur Radio Society (STARS) in western New York. In addition to the hobby of amateur radio, Alfred enjoys working on and restoring old bicycles. One of those junk bikes was stored in a former neighbor's garage or outbuilding for over 20 years. The bike owner was surprised when Alfred researched the bike and determined it was worth \$700. Like vintage ham radios, old bikes from the 40's and 50's have more than sentimental value – they can be worth a little to a lot of money. Alfred describes himself as a "tinkerer" and likes to fix things rather than throw them away. What ham is not a "tinkerer"? MARS welcomes Alfred to the W4BFB family and we look forward to his involvement with the club.

73 - Paul / K4VCF
Public Information Officer

80 - 40 - 20 MULTIBAND DIPOLE

Here's a plan for a neat portable triband dipole that works great for portable operation.

The center is a 2in PVC schedule 40 pipe CAP with 3 stainless steel eyebolts. One for hanging and two to attach the radiators, plus an SO-239 for the coax attach. I drilled two smaller holes for the pigtails to pass through from the SO239 to the radiators.



The wire can be of your choice, but for portable operation, I used some 14 gauge stranded flexible insulated wire. The flexible nature makes the antenna easy to roll up on 2in PVC pipe sections (see picture below).



The spreaders are 3/8in PEX pipe found in your local plumbing supply department in 5ft lengths. The triband antenna used 5 one foot spreaders per side.

Here is the bill of materials:

- 2 in PVC Cap
- 3 1/4 in Stainless Eye bolts (they come with one set of nuts)
- 3 1/4 in stainless steel nylock nuts (1/4-20) for the eye bolts above
- 1 SO-239
- 2 pieces of 5 foot 3/8 in PEX
- 2 18 in pieces of 1 1/2 or 2in PVC Pipe to wrap antenna for storage.
- 240 ft of antenna wire

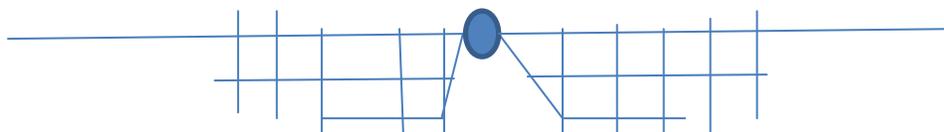
Wire Lengths:

80m 58ft 4 in per side

40m 32 ft per side

20 m 16 ft 6 in per side

Make longer and fold over to match desired



**Please note: the dimensions on the handouts given at the club meeting were INCORRECT! These are the correct dimensions!*

I drilled holes in the spreaders 1 inch from each end and in the center for a friction fit on the wire. The tighter fit, the better. Holds the spreader in place. I laid out the dipole on my driveway and made the wire about 3 foot longer than needed so I could adjust for the phone or CW bands. Just fold the excess back and twist it over itself. I tied all the wires separately to the SS eyebolt and then stripped a 1/2 in opening in the wire to solder them all together and with a small pigtail to go to the SO239. DO NOT RELY ON THE EYE BOLT FOR ELECTRICAL CONTACT!

Slide all 5 spreaders on the end of the 80 m wire and move down then put 3 spreaders on the 84-40-20 part and two on the 80-40 part. The lengths above were for 3.75Mhz, 7.2 MHz and 14.2 MHz.

Here you can see all 5 spreaders on one side:



How the spreaders fit on the wire. The weight of the shorter antennas will keep the spreader vertical. This shows the end of the 20m antenna right at the spreader.

Here's a picture at my campsite. The circle points to one end with a spreader.



VIP'S SHOW UP FOR W4BFB FIELD DAY IN MINT HILL

The Mecklenburg Amateur Radio Society (MARS) was pleased to have State Senator Jeff Tarte (R) show up on Friday afternoon to lend a hand as volunteers began setting up antennas and equipment for Field Day 2013. The Senator, whose district includes Mint Hill, drove from his home in Cornelius to show his support for Field Day.



State Senator Jeff Tarte is shown with Tony Lewis, KE4VVF, ARES Coordinator; MARS President Andy Hawkins, K4GK; and Mitch Barbato, KX4MB, MARS, Vice President.



State Senator Jeff Tarte helps Tony Lewis, KE4VVF, unload the antenna trailer as the volunteers began assembling the mast and antenna sections.



State Senator Jeff Tarte is shown helping Dave Bagwell, KJ4SJY, with preparations in advance of raising the mast for the antenna near the front of the Mint Hill Park.

Mecklenburg County Commission Chairman, Pat Cotham, accepted the club's invitation for lunch. During lunch, she asked many questions about hams and quizzed members and guests about amateur radio. During the two hours Chairman Cotham spent at Field Day, she expressed her support for amateur radio, understanding the value of the hobby as a critical back up communications network if and when the public safety communications systems are threatened.

Mary Hunt, N4MH, MARS Public Service Committee Chair, briefed Chairman Cotham on public service events in which W4BFB is involved. Mary explained in detail how the club supports the MS Ride to the Beach each year by providing the communications system for the entire weekend fundraising event along with other projects.

Chairman Cotham spent time with John White, WB2NHQ, who ran the Get On The Air (GOTA) base. During that time she was given an amateur radio 101 by John and she made a contact with a ham in Mooresville. She asked for and was

given a package of ARRL materials covering a wide range of amateur radio topics. She expressed her feeling that the science and technology in amateur radio would be an excellent resource for some teachers in the school system.



Mecklenburg County Chairman Pat Cotham talks with Scott Comerford, KG4LWA, his wife, Diana Comerford, and Stefanie Comerford, KK4LZR, after the picnic lunch.

Mecklenburg County Chairman Pat Cotham listens as John White, WB2NHQ, explains the equipment in the Get On The Air station and tells her more about Field Day and the contesting element of the ARRL exercise. Afterwards, she made a contact for John. She showed a genuine interest in what amateur radio enthusiasts do in their community and expressed her concern that the public has no idea as to the value of hams in the community.



PACKET UPDATE

NEW FEATURE! If you want to send someone an email from packet radio, you can do it all from the W4BFB BBS now. It's actually really easy and it relays the email using the WinLink 2000 Email System (WL2K WinLink RMS). Simply access packet radio the way you normally would. You can use a classic TNC and a terminal window to connect to the BBS, use Telnet and the internet or just use Outpost to send and receive messages. Either way, as long as you can access the W4BFB BBS, it will work.

An important reminder: You can always send RMS messages from the W4BFB BBS, BUT if you want to RECEIVE replies from your emails THROUGH the BBS, you must notify the SYSOP of the W4BFB BBS and tell them you wish to RECEIVE RMS messages through your local BBS. SYSOP@W4BFB.#CLT.NC.USA.NOAM

NOTE: You can still read any replies that anyone sends you through RMS services by connecting to your local RMS gateway and checking your messages there.

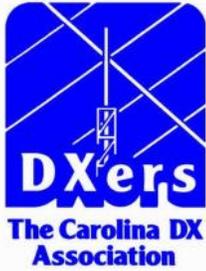
Using Terminal Access to the BBS:

Once connected to the BBS, type SP RMS:examplemail@mailserver.com (Put the person's email you would like to send to in the examplemail@mailserver.com section) and press enter. Type the subject of your email and press enter. Type the message of your email as you normally would. Type on a single line to send the message. DONE!

Using Outpost Packet Message Manager:

You MUST be using the W4BFB BBS for this to work!!! Only BBS's that use the BPQ Mail program can successfully send this type of message through BBS connections! Click the NEW button at the top of the Outpost screen. Click the PVT button at the top of the screen to indicate a PRIVATE message. Make sure W4BFB is in the BBS box and make sure your callsign is in the FROM box. In the TO box, type RMS:examplemail@mailserver.com (and put the person's email where it says examplemail@mailserver.com). Fill in the Subject line. Type your message in the lower area of the screen as you normally would. Click SEND at the top of the screen. DONE!

CAROLINA DX ASSOCIATION BONEYARD



Don't forget about our partnership with CDXA and their Boneyard. They have a page on their website (<http://www.cdxa.org/boneyard.shtml>) for CDXA and MARS members to list their equipment for sale or swap. A maximum of 5 pieces of equipment can be listed on the Boneyard, per person, at any one time. Pictures of equipment are welcome. Equipment will be listed for a maximum of 180 days unless notified by seller that equipment has been sold or traded. After the 180 days, items may be removed from the list. Members wishing to list equipment can send the information to wb4bxw@gmail.com.

JOIN US FOR DINNER!

Come out and join us for dinner before the monthly club meetings and indulge in some great food and great conversations. We meet every month at Landmark Restaurant Diner around 5:00pm. The address of the restaurant is 4429 Central Ave, Charlotte, NC 28205.

See you there!



If you haven't paid your membership dues, they are **PAST DUE!** Please speak with the Treasurer, Tom Hunt, ASAP so we can get your membership status updated. Thank you.



All articles for the August newsletter must be submitted to the newsletter editor at w4fbeditor@w4fbf.org by **Friday, August 9th!** Thank you for your cooperation.



MARS MEETING MINUTES: JUNE 25, 2013

The meeting was called to order at 7:33 pm by President Andy Hawkins, K4GKK.

Guests were welcomed: Matt Young, KK4HNM; Alfred Kokoszczyński, KC2GZI; and Garrett Starnes, KK4QVI.

The following new members were voted into the club: Cory Steele (taking his test soon).

Andy announced the raffle for glasses. Stefanie, KK4LZR sold tickets.

Mitch, KX4MB showed a band chart this is very durable that we can get for all club members.

John White, WB2NHQ told the club about the Lake Norman Excursion Cycling Event to be held on July 13 at Lake Norman area. There will be rest stops and the Red Cross has also asked for Sag vehicles with ham radio operators. www.lakenormanexcursion.com

Mary Hunt, N4MH discussed the MS Break Away to the Beach that will be held on September 22 and 23. This is our largest public service event of the year. We need lots of SAGS and rest stop volunteers. To sign up, go out to Elena's web site – www.ridemaps.com. Once you sign up on that web site, it will give you a link to also sign up with the MS Society. It is necessary to sign up on the MS Web Site for insurance purposes.

Andy asked for volunteers for Hamfest Chairman.

Tom presented the budget. Members discussed it. Paul Jones, K4VCF made a motion to accept it; Andy Beary,

WA3DQS seconded it. The budget passed.

Dr. Bill Heybruck, WA2EDN presented an antenna he puts up when camping on Stone Mt. Georgia.

Last weekend was field day. Andy said we did about the same in points as last year. He listed the dignitaries that had attended. The food put on by Mary and Tom Hunt was wonderful. A slide show in the background had various pictures of field day.

People got more raffle tickets and Stefanie drew names. Andy adjourned the meeting at 8:48.

Submitted by Sandra Jones, KK4DAW
Secretary MARS



CLUB MEETING

The Mecklenburg Amateur Radio Society™ club meets on the last Tuesday of every month at 7:30pm. Our meetings are held at East Baptist Church (next to East Mecklenburg High School, near Conference Drive). The address is 6850 Monroe Road, Charlotte, NC 28212.

Everyone is welcome, even those who do not have their license yet! We love seeing new faces, so come out and join us and see what our club is all about!

July Meeting Topic: Ham Radio Deluxe



BOARD MEETING MINUTES: JULY 2, 2013

Treasurers Report: We reviewed the budgets, the P&L, and the balance sheet for the current year.

VP Report: Field Day went well. We will print out Hamband Charts on 13x19 sheets of paper to sell at the next club meeting for \$1 each. July's Program will be an HRD Demonstration. We will do a general overview, along with operate HF and Digital, etc. The August Program will contain a presentation on the MS Bike Ride.

Secretary Report: 122 Members. Reminder: If you haven't paid your membership dues, they are past due.

Committee Reports:

Members: Discussed multi-year memberships, late fees, discounts, etc., but put that on the backburner for now. We discussed having someone follow up with members that have lapsed membership.

Repeater Committee: Phone Lines – There are two more telephone adapters required. Cancelled all landlines to repeater sites. 146.940 repeater took a lightning hit 2 weeks ago. This has since been repaired. Last week the entire site lost power. Generator didn't work. This has since been repaired. Packet (current setup) is working well. Proposing a pre-amp for the 146.940 repeater. Also considering bumping up the output power of the repeater (currently 20w – SERA allocates 100w for us). May look into replacing power supplies with rack mounted power supplies. Need to swap out repeater & controller at Spencer Mt. 145.290 repeater has no tone on it –

tone board was not working with the repeater and hasn't been installed for some time now. Need to replace antenna with dual band antenna and new diplexer.

Public Service: July 13 – LKN, July 24 – CCTA, 9/21-22 – MS 150

Grants/Resources: Andy had a chat with Greg Houser at Field Day. Would like to sit down and meet together to discuss the club's needs, wants, wishes, etc.

ARES: Tony Lewis – ARES EC – went over who he is, what his role is as EC, his expectations of ARES, being an EC, and the club are. He also asked what the club's expectations were of him as EC. We discussed various nets which are held, the reporting we collect and deliver, etc.

Bryan is interested in selling his cargo trailer to the club. The club is also interested in selling its RV, which is in disrepair. Bryan proposed the sale of his cargo trailer to the club – the board would like to check out the trailer before making any motion. If we were to purchase a new trailer, it would need to be kitted out – Air Conditioner, Generator, Shelving, etc. Possibly going to reach out to the club members to see if they would like to donate funds towards this project.

We are making headway on the SSC application to the ARRL – we will be compiling responses from board members and submitting the application this month.

Submitted by Charles Comerford, KK4HOK

ASK YOUR ELMER

They say one of the best ways to learn something is to ask questions and some of your best resources are right within our club. These club members are willing to share their knowledge with you to help you become a better, more informed ham. Please email them with any questions!



Antennas	Bob Ferdinand, K9TMU; Bill Miller, KT4YE; Mike Wentz, KE4EHC
Digital Modes	Stan Bagwell, AJ4ZL
D-STAR	Eric Webner, K4FAN
ICOM Radios	We're still looking for someone to put here... let us know if it can be you!
Kenwood Radios	Bob Ferdinand, K9TMU; Bryan Ferdinand, K4NET
Packet Radio	Bill Newsome, AC4ZR; Seth O'Neal, KF4LLF
Ten-Tec	George Hohas, W4GEH
Yaesu Radios	Mitch Barbato, KX4MB

METROLINA 2-METER EMERGENCY NET™

Net Controllers

- Sunday: Jerry, N4MIU
- Monday: Bryan, K4NET
- Tuesday: Stan, AJ4ZL
- Wednesday: Dave, KJ4SJV
- Thursday: Charles, KK4HOK
- Friday: Don, KJ4ATJ
- Saturday: Pam, N8PAM

*John, WB2NHQ, is presently covering Saturday night's net until further notice.

Join us for the Metrolina 2-meter Emergency Net™ every night at 9:00 P.M.! The primary frequency is our 146.94 repeater and the alternate backups are our 145.29 repeater or 146.52 simplex. The tone is turned off during this net.

Alternate Net Controllers

- Bob, K9TMU
- Carl, KJ4VLC
- Jerry, N4MIU
- John, WB2NHQ
- Sandra, KK4DAW
- Shelly, KJ4ATK
- Stefanie, KK4LZR

*If you are interested in becoming an alternate net controller, please contact our Net Manager (Stan Bagwell) through email at M2MENNetManager@W4BFB.org.



JOIN US ON
THE AIR...
WE'D LOVE
TO HEAR
FROM YOU!

OTHER LOCAL NETS

Sunday

Mecklenburg Simplex Net,
8:30pm (147.505)

Thursday

UCARS 2m Net, 8:00pm
(145.390- PL 94.8)
(444.425+ PL 94.8)

Saturday

ARES Net, 7:00pm
(146.940-)

The Dixie Radio Pirates
Weekly Net, 8:30pm
(145.410- PL 136.5)

Nightly

Piedmont Emergency
Training Net, 8:00pm
(145.350- PL 131.8)

Rock Hill Net, 8:30pm
(147.030+ PL 88.5)

ECHOLINK/PACKET RADIO NODES

EchoLink: EchoLink is available for download on your computer through www.echolink.org, as well as for use on your smartphone (Android and Apple iPhone) through the app store. To access our repeaters, connect to **K4NET-L** or node number **625440**.

Packet Radio:

W4BFB & Local 1200 Baud Packet Radio Frequencies:

145.010 / 145.090 / 223.400 / 446.500

W4BFB-9 = Charlotte BBS / W4BFB-2 = World Wide Chatroom

(All W4BFB packet nodes have links to all listed frequencies)

More info: <http://www.w4bfb.org/packet.htm>



EchoLink application on a smartphone.



Ham Happenings

July 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 MARS Board Meeting 6:30pm	3	4	5	6 Firecracker Hamfest 8:00am
7	8	9	10	11	12	13 Red Cross Lake Norman Excursion
14 IARU HF Championship	15	16	17	18	19	20
21	22	23	24 CCTTA Time Trials 6:00pm	25	26	27
28	29	30 MARS Club Meeting 7:30pm	31			

See more at <http://w4bfb.org/calendar>

Mecklenburg Amateur Radio Society™

Mecklenburg Amateur Radio Society
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Stefanie Comerford
Newsletter Editor
KK4LZR



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www.w4bfb.org

Club Repeaters

Input	Output	Offset (KHz)	Tone
146.34	146.94	-600	118.8
144.69	145.29	-600	118.8
144.63	145.23	-600	118.8
222.8	224.4	-1600	None
449.6	444.6	+5000	118.8

Club Officers & Board of Directors

President

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Vice President

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