



The WAVE BENDER

September 2010

PRESIDENT'S QST

Here it is September. The Canfield Fair is history. The Columbiana Street Fair is over. We are now starting to plan for next year. Technician class has started. We will have a General class starting on November third. Here is your chance to upgrade to General before it changes next July. With the bands getting better you will be able to make contacts into Europe with low power.



We are planning to have a Holiday party on the 16th of January 2011 at the A La Cart in Canfield. This is a family get-together. Guys bring your wife and girls bring your husbands or whoever. Bring the kids. Bring your friends, lets try to get them into this wonderful hobby.

We (the board) need to know what you want to see and/or do. Remember this club is only as good as the members make it. Every member has an equal voice in what goes on and what we do. Any of the board members are willing to talk to you about what you have in mind. We all need to work to make this club a success. If you have any questions, do not hesitate to ask. The only dumb question is the one you do not ask. Tell all of your Ham friends about WRARC and all the good fun things that we are doing.

'Till next month.

73

Allan, AB8AA

Amateur Radio is a Hobby, Emergency Communications is a Commitment

REPORT FROM THE FAIRS

All the fairs are over for this year. Our club had no official capacity at the Canfield Fair, but I'm sure many of us attended to enjoy the fun and the food!

WRARC had a booth at the Columbiana Street Fair together with SAARA. Members from both clubs spent time in the booth talking to folks who are Hams, some who'd like to be, some were just friends, and some who were just interested in "Do they still do that?" All in all it was very profitable to both clubs. It attracted former members of SAARA to maybe give them a try again, and for us, we found some Hams who were curious to see what we're about, come to a meeting, and maybe join us. I know we talked to a couple folks who are interested in joining our just forming Tech. class.

Members and friends of both clubs who showed up to give us a hand were: AB8AA, N8DMC, Donna Haren, N8GOB, KD8HCQ, KD8IJE, KD8IJF, K8JAA, KD8LDY, KG8MNE, Nancy Williams, KD8NXR, KD8NXS, KB8QDZ, KC8SOY, KC8SPF, and KB8YPD. Thanks for your participation.



American author Edward Abbey once said, "In the modern techno-industrial culture, it is possible to proceed from infancy to senility without ever knowing manhood." This man is living proof of that theory.

AS OF SEPTEMBER 3, 2010

WE ARE NOW AN ARRL AFFILIATED CLUB!



Officer's Meeting: September 15, 7:00 P.M. At the Avnet's, 2050 E. South Range Rd. New Springfield (330-549-3051)

Regular Meeting:

Sept. 17, 7:00 P.M. Davidson's Banquet Room
Dinner at 5:30 P.M. (Restaurant entrance)

Program: T-Hunt Antennas - by Al
If you have one bring it with you

Join us for the Friday night
WRARC Net

9:00 P.M. on 145.270, PL -110.9
This is a directed net, with all
interested members taking a turn
at Net Control

First Wednesday of the Month
the Mahoning County
ARES/RACES/Skywarn training net
is held on the W8QLY repeater
146.745 (-) at 8:30 P.M.

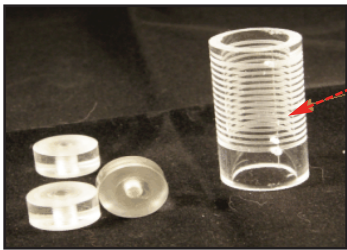


WRARC TRIPLEXER PROJECT - PART 1

This project is to build a Triplexer and Band-Pass filters for use on Field Day. The Triplexer is from an article in the June 2010 issue of QST. The Band-Pass filter is from a set of articles in the May and June 1998 QST. This will allow three transmitters on one antenna.

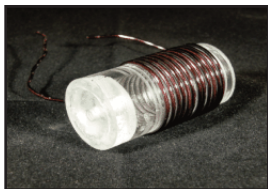
The first thing was to get a part list made up and order parts. Some will come from RF Parts, from Mouser, from DigiKey and the toroids come from Micrometals. When this project is finished there will be a parts list and drawings for the mechanical parts available for anyone that wishes to build one.

I started the project by building the three coils for the Triplexer. They are made from plastic tube and rod. First I drilled and tapped the rod for an 8-32 screw. Then cut them to 3/8 inch length. Now it was time to make the coil forms. They are all 2 inches in length, other than that the three are all different.



The coil form has a thread cut into it to guide the wire winding. This will make it easier to wind the coil.

The 10 Meter coil has 12 turns of 16 Ga. wire at 11 TPI.



Completed 10 Meter Coil
This is all for this month.
73, Allan, AB8AA

NEWSLETTER ARTICLES WANTED

You don't need to write like William "Bill" Shakespeare in order to write an article for the Wave Bender. In fact, we prefer articles without the words "Thy", "Whilst", "Tis" and "Oft".

Do you have an idea for a newsletter article? Maybe you have acquired a new piece of equipment, designed or constructed a new antenna, took a trip focused around Ham Radio, or made an interesting contact. Maybe you'd like to share an amateur radio related experience or discuss a technical topic. Why not write an article for the monthly Wave Bender? The article can be short or long, simple or elaborate, and can even include pictures!

The Wave Bender would like to rely on articles from our members instead of always reprinting articles from the ARRL. So why not give it a try? Write an article and send it to the newsletter editor. It can be fun, and at the same time, your contribution helps support our club and our hobby!

The 75th Anniversary of ARES® starts in September. <http://www.arrl.org/ares-anniversary>. Are you getting ready?

Swap & Shop

Due to health problems and my inability to do much if any outside work, lifting, twisting etc., we have moved to a condo. That of course means no outside antennas.

I have a MFJ 1798 80-2 meter vertical with about 100 ft of LMR 400 coax that I like to get \$150 for both or OBO. The bottom of the antenna is at about 18ft on a 2"x4" fold-over tower. I think it would take three guys to get in laid down (I would be of no help at all) and probably two to get it taken apart enough to haul (pick up or van needed).

I also have a 2-meter 6-element quad (wood boom with plastic pipe spreaders). I always wanted to work 2 meter SSB and I never got the 10-gauge bare cooper wire needed to finish the elements. The original design was in QST (I have that QST issue to go along with the antenna) as a 5-element but I calculated the size for the 6th element and built it that way. I would like to see the antenna go to someone who would get it up and on the air. (I am asking \$15. to cover the cost of the wood, etc.)

I also have a 5-element 6-meter beam I will give away. (I think it is Telerec) and shouldn't be that hard for someone to figure out how to get it together with a new balun (it is coax fed with a T-match driven element). I would like to see a serious VHF'er get these antennas up and working. I am especially curious to hear the quad on the air and see how it works.

I will give away a 12AVQ 3-band vertical to anyone interested. I 'm sure I have the original instruction book to go along. I will give way a home brew G5RV. With it up as a sloper (center a about 35ft and ends at about 10 ft.) I worked Europe on 40m SSB and a 100 watts in 2006.

I can be reached at rmoser4235@comcast.net or WA8RTI@ARRL.net. My cell number is 330-718-1022, and my home number is 330-482-9055.

Thanks, Ray WA8RTI

BIRTHDAYS

WA8GLF John Chapman
KC8SPF John Fabry

HAUNTED HAYRIDE

MEET AT THE LOG CABIN IN BOARDMAN PARK
FRIDAY & SATURDAYS, 6 TO 10 OR 11 P.M.
OCTOBER 8 & 9 - 15 & 16 - 22 & 23
CONTACT BILL EAGAN KDBHCQ
FOR INFORMATION AND TO VOLUNTEER
PHONE 330-549-5754