



The Wave Bender

August 2012



PRESIDENT'S QST

Another month has gone by. Where did the time go!!! We have a lot of things in the works. Tech classes are set to begin on September 19, 2012. Following that there will be the EC-001 class starting on October 20, 2012 and then the General Class starts on November 7, 2012. All these classes will be at the ITT in Austintown. The Communications Unit will get started in September. We will have the Soldering Class also in September, standby for dates. After the soldering class we will have a build the Digital Interface day.

Since Jane and I will be gone for a few weeks in August, any problems or questions about the club should be directed to Robert, KD8OXJ. We are going to a wedding near St. Louis, MO and then spend some time with the family.



If you have any friends, enemies, family or etc. that would like to get into Ham Radio, have them get hold of me ASAP so they can get a text book and start studying.

We have a lot of *Continued page 6*

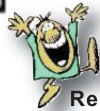
YOU COULD BE THE ONE

I grew up in Chautauqua County New York; a little over two hours drive from our current location here Mahoning County Ohio. When I was a lad, Jamestown was still a fairly bustling town with a number of factories including the Hopes Window works. Hopes came to Jamestown in the early years of the 20th century as a manufacturer of steel windows. Still in business today, they are the largest manufacturer of steel windows on the planet. Somewhere between the world wars a man and his wife from Liverpool England arrived in the United States, he to work at Hopes in Jamestown.



Fast forward to 1954. My family moved into our house in Meadow Lane as neighbors to James Harold Thomas Bagnall (Harry to the adults) and his wife Janet, the man and his wife from Liverpool. Mr. Bagnall always addressed me as "Bobby", with his softly spoken English that was not quite familiar to my young ears. Although I didn't know it at the time he taught me a lot including the importance of being open to learning new things.

One day, when I was about eight, Mr. and Mrs. Bagnall were having their afternoon tea (early supper) in the garden (back lawn). He mentioned seeing me have some "difficulty" with (it was actually resistance to) a task my mother had *Continued page 6*



Officer's Meeting: August 19, 7:00P.M.
At the Webster's 395 Bradford Dr. Canfield, OH

Regular Meeting: August 21, 7:00 P.M. Davidson's,
3636 Canfield Rd. in Cornersburgh

Program: Wes Boyd - speakings on commercial broadcast engineering and operations.. maybe some historic info. and some minor technical info. Should be interesting!.

2012 Officers:

- President:** Al Avnet, AB8AA ab8aa@arrl.net
VP: Robert Webster, KD8OXJ rwebster@mail.com
- Secretary:** Jane Avnet, K8JAA k8jaa@arrl.net
Treasurer: Maureen Stein, KD8NXS mfstein@zoominternet.net
- Trustees:** Ted Filmer, KD8IJE efilmer@aol.com
 Steve Fabry, KC8SOY kc8soy@yahoo.com
 Roy Haren, KD8IJF harens@juno.com
- Social:** Maureen Stein, KD8NXS mfstein@zoominternet.net
- Publicity:** Robert Webster, KD8OXJ rwebster@mail.com



JULY 7 TOWER PROJECT



At 7AM on July 7, 2012 the WRARC tower group met in MECCA to remove a 70-foot tower. With climber Russ, KD8LDY, doing his last climb up a tower, we started the adventure. Russ climbed to the top of the tower and proceeded to remove the HF beam. With help from the ground crew, Roy, KD8IJF, Steve, KC8SOY, Robert, KD8OXJ, Harry, KD8PQK, Chris, KD8ELY, Wes, W8IZC, and Al, AB8AA the beam was lowered to the ground intact.

Russ worked to remove the mast with a Tram antenna on top of it. It was lowered to the ground and disassembled.

Now it was time to take down the tower. Russ removed one of the guy wires and discovered that the tower was in his words, unstable. At that point I told Russ to come down off the tower. As he started to come down, we stopped him at about 50 feet, and had him tie a heavy rope to the tower. After Russ was off the tower, we proceeded to move Robert's truck into a position so that we could use it as an anchor point. With multiple ropes wrapped around the truck's front tow hooks we were ready to lower the tower. One of the legs of the tower was cut and the tower was slowly tilted over. When we were about 10 feet above the ground the pull on the ropes was too much to hold, so the tower team let go of the ropes. The tower hit the ground without any damage.

The tower and the antennas were disassembled and placed in my big van. We coiled up all the coax and guy wires and put them in Steve's truck. At that point we were done with the tower project. It is always good when a project like this is done and no one gets hurt.

I have to give a **big thank you** to all of the friends that came out and helped.

Allan, AB8AA



WRARC 10-mtr Rag-Chew Net
Friday Nites 8:30P.M.
28.410+/-

Join us for the WRARC
Friday night 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
Contact Steve, KC8SOY
to take your turn
330-774-6346

Aug 3 Al, AB8AA
Aug 10 Ted, KD8IJE
Aug 17 Brent KD8PQN
Aug 24 Mike KC8WUX
Aug 31 Dave KC8WX
Sept 7 open
Sept 14 Robert KD8OXJ



“NEW” Ask The Elmer Net
Right after the Friday Night Net
KC8SOY Moderator

W8SGT is facilitating an HF net
every Tuesday - 1800 (6:00 PM)
The net is run from the
State of Ohio EOC on the
Ohio ARES Admin
frequency 3875 KHz LSB.
All are welcome to check in.

COLUMBIANA COUNTY DIGITAL NET
8:30 pm - 9:30 pm
145.510 MHZ SIMPLEX Wednesdays
First Wednesday of the Month
Mahoning County
ARES/RACES/Skywarn Training Net
is held on the W8QLY repeater
146.745 (-) at 8:30P.M.

ANAGRAM -The morse code:
When you rearrange the letters:
Here come dots

TECHNICIAN CLASS STARTING
SEPTEMBER 19
@ ITT, 7:00P.M.

GENERAL CLASS STARTING
NOVEMBER 7
@ ITT, 7:00P.M.
CONTACT AL, AB8AA@ARRL.NET





Heathkit Declares Bankruptcy, Closes for Good (Again) 07/24/2012

The July 19 edition of The Herald-Palladium - a newspaper serving the communities of Benton Harbor and St Joseph, Michigan -- is reporting that Heathkit Education Company has declared bankruptcy and has officially closed its doors after defaulting on its lease. According to the paper, Heathkit employed more than 1800 people in its heyday after World War II; when it finally closed, its workforce totaled fewer than six people. This is the second time since 1992 that Heathkit Educational Services has shuttered its doors. In August 2011, Heathkit announced it was returning to the kit building business, and in September, that it would once again be manufacturing Amateur Radio kits.


Heathkit owner Don Desrochers told the newspaper that he has filed for bankruptcy and a bank now owns what's left of Heathkit; the bank is disposing of some items via online auctions. "The situation was purely one of the economy," he explained in the article. "Heathkit was primarily dependent upon federal and state funding for schools. Spending in education continued to drop down, and it was economically unfeasible to continue operating. When we got back into the kit business, we were losing the education business faster than we were growing the kit business. It was not sustainable."

According to the newspaper, Heathkit abandoned its lease around March, and in May, Phil Maki

said he received notice that Desrochers had declared bankruptcy and that Heathkit would be closed. Maki is treasurer of Southshore Companies, the company that owns the building that Heathkit had leased a portion of. "It's a sad thing for the community," Maki said. "A lot of us grew up using Heathkit products, and it's sad they ended the way they did."

In May 2012, the ARRL reported there were rumors of the company's demise, but nothing was certain. Tom Ferriter, of Technical Education Products in Hampden, Massachusetts, told the ARRL at that time that "Heathkit is telling us [outside sales representatives] that they have temporarily closed, but that they are hopeful that they will be able to reorganize. While they're not telling us too much, they did say that they were having poor sales for a myriad of reasons and are hopeful that they will be able to refinance the company and negotiate with the bank to refinance some of the debt."

Desrochers -- who served as Heathkit's President and Chief Executive Officer from 1995-2000 before purchasing the company in 2005 -- told The Herald-Palladium that closing Heathkit was hard for him: "It was a tough decision, but you can't operate and lose money. Hopefully the employees will find other employment. They were great, loyal employees for a long time." -- Thanks to The Herald-Palladium for the information and to Lee Lull, WR8R, for bringing this to our attention

 **Debbie Webster, KD8QCE, Lost her mom unexpectedly early this month.**

Please join me and Al in expressing our feelings of sadness to Deb and Robert for their loss.


Info pending.

EC001 CLASS STARTING OCTOBER 6 @ ITT, 9:00 A.M.

PREREQUISITE: FEMA CLASSES IS-100.B & IS-700

PRE-REGISTERING AND HAVING THE BOOK AHEAD A MUST!

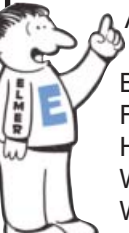
CONTACT AL, AB8AA@ARRL.NET 330-549-3051

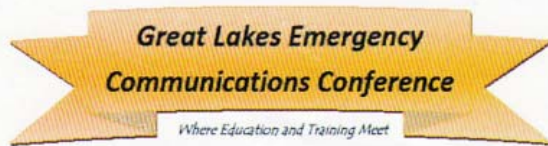


Articles from members for the Wave Bender are encouraged. They must be received by the editor three days before the end of the month. Please send your articles to: kbjaa@arrl.net, and put WRARC on the subject line of your email. You may also send your articles to the editor at:

Jane Avnet
2050 E. South Range Rd.
New Springfield, OH 44443

CONTACT WRARC ELMERS WITH YOUR QUESTIONS - QUESTIONS@WRARC.NET

	Avnet, Allan AB8AA	Antennas, radio setup, mobile, grounding, classes, anything	ab8aa@arrl.net
	Beatty, Dave KC8WY	anything	kc8wy@zoominternet.net
	Fabry, Steve KC8SOY	Yaesu FT8900, FT8800, Mobile	kc8soy@yahoo.com
	Haren, Roy KD8IJF	???	harens@juno.com
	Webster, Robert KD8OXJ	erecting antennas	rswbster@mail.com
	Williams, Russ KD8LDY	Electrician, tele-data, Amateur Extra	russellwhoknew69@aol.com



A number of Hams and some other folks met at the beautiful Gilmour Academy Lower School campus outside of Cleveland. The conference had more than 70 registered participants representing ARES, RACES, Medical Reserve Corps (MRC), Community Emergency Response Team (CERT), American Red Cross, and Salvation Army from Indiana, Michigan, New York, Ohio, and Pennsylvania.

There was a Technician license exam at 9:00 A.M. held in one of the class rooms for any participants that might be interested, which was not part of the program, and was not mandatory.

We all assembled in the cafeteria for coffee and donuts before the conference started. It was a chance to wind down from a long drive that morning and meet some of the others who were there for the conference. We then went to the lecture area where some of the staff spoke. Sadly Al and I were the only attendees from District 5.

The main topic was Emergency Communications 101. I don't care how much or how little experience you've had on this subject, there is always more you can learn, and contribute.

We spent the morning listening to the presenters talk about various aspects of this interesting topic. How important it is to make a good impression as we are an advertisement for Amateur Radio. How we present ourselves and our equipment.

The high spot of the conference was when it was 'interrupted' by a report of a sick child and her care-giver that had gone missing. The attendees were broken up into seven groups, and depending on which group you were assigned, you either went out searching for these 'lost folks' or you stayed behind and were part of net control or the alternate group.

There was another 'emergency interruption' where the same groups again formed and a scenario was acted out. We practiced on sending, receiving, and responding to the voice messages being sent. We were given radios we were not familiar with to use in both of these exercises.

Did I forget to mention lunch? It was provided by the school, for a nominal fee, with choices of three different sandwiches, chips, drinks, and cookies.

The conference was over around 5:00 P.M. From my perspective it was very good and gave me lots to think about when doing Public Service, which is great practice for how to act and react during emergencies. Thanks to Matt Welch, W8DEC, and his staff for a great educational experience.

If you have a chance to attend one of Matt's conferences don't pass it up.



Four go-bags folks brought for show & Tell



NOT A GOOD INSTALLATION, THANKS TO DENNIS FITS RIGHT IN WITH THE GLECC PRESENTATIONS

There are no new sins; the old ones just get more publicity.

Ohio State Parks On The Air

2012 Ohio State Parks on the Air.

OK Boys, & Girls, get those NVIS antennas ready, and start making plans. It's time for OSPOTA 2012! This year's contest will be September 8, 2012 from 1600 – 2400.

Last year, 50 of the 75 Ohio State Parks were activated. Will 2012 be the year that we hit 100% activation?

Your source for everything OSPOTA can be found at <http://parks.portcars.org/>. On the OSPOTA Website, you'll find rules, last years results, and info about the Yahoo group OSPOTA reflector.

For hams throughout the State of Ohio, this is your opportunity to visit and enjoy the amenities offered by the 75 beautiful State Parks here in Ohio. Don't just make a day of it, spend the weekend at the park of your choice. No matter whether you are camping or staying at one of the outstanding lodges or resorts, you will find that the parks are one of Ohio's greatest assets. Find out more about the parks at <http://www.dnr.state.oh.us/parks>.

Again this year, INPOTA (Indiana Parks on The Air) will be on the same weekend. is scheduled to run concurrently with our contest. So you can count on plenty of activity. More information about INPOTA can be found at <http://inpota.com/>

So, lets get out there, activate those state parks, and have some Big Fun!

<http://www.portcars.org/wp/?p=1761>



SPECIAL EVENT STATIONS IN LONDON AND WALES ON THE AIR FOR 2012 OLYMPIC AND PARALYMPIC GAMES

07/24/2012 - Beginning Wednesday, July 25, two special event call signs will be activated to celebrate the London 2012 Olympic and Paralympic Games: 2O12L from London, England and 2O12W from Barry, Wales. Both stations will be on the air for the duration of the Games -- July 25-August 12 -- and continuing through September 9. Organizers hope to make at least 80,000 contacts during the seven weeks that 2O12L and 2O12W are on the air.

•The London station – 2O12L -- will be active on 160-2 meters on all modes. The station is located at the Royal Greenwich District Scouts Activity Centre in Southeast London, in the borough of Greenwich, one of the six “host boroughs” for the Games. A list of planned frequencies is available here. The station will be open to the public from 10 AM to 4 PM each day, and visitors may operate. Follow 2O12L on Twitter.

•The Welsh station -- 2O12W -- will be active on 160 meters-23 cm on all modes, including SSTV and satellite, will be based on the seafront esplanade at Whitmore Beach, Barry Island, Vale of Glamorgan. The site is located just a few miles south west of Cardiff and the Millennium Stadium, home to the first football match that will open the Games in Wales. The station will be open to visitors. Follow 2O12W on Twitter.

“Amateur Radio operators everywhere will be able to share in the Olympic experience by making contact with the station and exchanging greetings messages with visitors and Games participants who visit the station,” said Project Echo Publicity Officer John Warburton, G4IRN. “The team aims to make contact with as many of the Games participating countries as possible. Special QSL cards will be available to stations contacted. The project aims to leave a lasting legacy by encouraging visitors to learn more about radio communications and the social, career and recreational benefits that it brings.”



The 2012 OhQP will start on August 25th at 1600z and runs 12 hours until August 29th at 0400z - for Ohioans, that's local noon to local midnight, EDT. In the basic QSO exchange, Ohio stations send a consecutive serial number + county, and non-Ohioans (who can only work Ohio) send a consecutive serial number plus their state, VE province, or "DX". Suggested frequencies are: CW: 3545, 7045, 14,045, 21,045, 28,045 kHz; SSB 3825, 7200, 14,250, 21,300, and 28,450 kHz.

Full details and an OhQP Operating Guide can be found on the OhQP website at: www.ohqp.org/ Check the rules for some minor changes, and the addition of 2 new mults.

If you plan to get on, please submit your plans on this form so we can cover all 88 Ohio counties <http://ohqp.org/plannedOpsEntryOhQP.html>.

<http://www.ohqp.org/>

TIDBITS FROM THE OHIO SECTION NEWS

Ohio Section News for July 20, 2012

AFFILIATED CLUB NEWS

This summer is just flying by and clubs all through the section are busy with a plethora of activities. You know I particularly enjoy events that include several clubs or events that draws clubs together.

PCARS is having a Cruise In at the Ravenna A&W August 15. Cars mix well with Ham Radio and this event put them both in the spotlight. Come show off your mobile rig setups. Get a caravan together from your club together and head toward Revenna for what looks a great evening of fellowship, and, as always with PCARS, FUN. See <http://www.portcars.org/wp/wp-content/uploads/2012/07/AmateurRadioCruise-4Jul2012.pdf> for details.

Then September 8 join PCARS again on the air with Ohio State Parks on the Air - OSPOTA. <http://parks.portcars.org/ospota/index.php>

Western Reserve ARC is always up to something and they look like they have packed autumn coming up. But I want to reflect on their field day.

They really involved as many people as possible working as 7A with a GOTA station. Their group is growing and active in preparedness. I judge they are doing a good job reaching out in their community.

73,

E.Mike McCardel, KC8YLD
Ohio Section Affiliated Club Coordinator
kc8yld@arrl.net Continued page 6

TIDBITS - CONTINUED FROM 5

What's Going on elsewhere in Ohio -

- **08/04/2012 Annual Pro Foot Ball Hall of Fame Festival** - Aug 4-Aug 5, 1200Z-2359Z, W8AL, Canton, OH. Canton Amateur Radio Club. 28.365 21.365 14.265 7.265. Certificate. Roger Gray, W8VE, 3506 21st St NW, Canton, OH 44708. For HOF Certificate, send QSL and \$2 S&H. www.w8al.org

- **08/05/2012 - Twins Day Festival**, The World's Largest Gathering of Identical Twins Aug 5-Aug 8, 1500Z-2200Z, K8BLP, Twinsburg, OH. Triangle Amateur Radio Club Inc. 21.250 18.130 14.260 7.210. QSL. Richard, Box 30, East Liverpool, OH 43920. Operators are welcome.

- **08/18/2012 - Ohio Carnation Days Festival and Alliance Amateur Radio Club 25th Anniversary** Aug 18, 1400Z-2100Z, W8LKY, Alliance, OH. Alliance Amateur Radio Club. 14.240 14.045 7.045 7.240. Certificate & QSL. Alliance Amateur Radio Club, W8LKY, PO Box 3344, Alliance, OH 44601. www.w8lky.org

Warren ARA's Annual Hamfest - 08/19/2012

Trumbull County Fairgrounds
899 Everett Hull Road
Cortland, OH 44410
Website: <http://www.w8vtd.org>

Talk-In: 146.970

Public Contact: Jacqueline Clay, KD8DNE
14770 Hillcrest Avenue Middlefield, OH 44062
Phone: 440-636-2806
Email: kd8dne@gmail.com



ARRL Ohio Section Manager: Frank Piper, K18GW ki8gw@arrl.org

FIELD DAY RESULTS! JUNE 23-24, 2012

WRARC - Great Lakes Section

CW	0
Digital	55
Phone	140
Participants	35
Transmitters	7



Multiplier	2
QSO Points	500
Bonus	1,020 - Which included 100% emergency power (generator & solar), Media Publicity, Public Place, Info Booth, & GOTA station.

Submitted by KD8IJF

Thanks to all who came out and supported us by operating, by moral support, or by just sharing dinner with us! **WE ALL HAD FUN!**

YOU COULD BE THE ONE - CONTINUED FROM 1

assigned me. I thought a "talking to" was in store for me. Instead Mr. Bagnall spoke words that are etched in my brain to this day: "Never be afraid to learn something new, because when the work needs done, you could be the one what could do it".

As a typical boy of the time, I didn't get it. Still his words rattled around in my head. One day, when in my early teens, my mother and I were visiting Mrs. Bagnall. Mr. Bagnall called me to his basement workshop inviting me to come down for a chat. During the twenty minutes that followed the real substance of his earlier words became far clearer.

At the age of fourteen, in the early 1900s, Mr. Bagnall had turned up at a factory in Liverpool pestering the gate guard to admit him to find a job. After many days the guard finally let him in...he entered the works to secure his first job. He was eager to learn. In those days being able to "do" and learn on the job meant food on the table in a very significant way. Mr. Bagnall described things he learned when opportunities just happened to "turn up" about quitting time. Opportunities that other employees decided to pass up. Arriving home a bit late some days, his head was full of practical knowledge and experience that would serve him well in his future. It would be his employment "ticket" to the United States. Mr. Bagnall retired as a well-respected senior manager at Hopes when I was still young. Unfortunately he died from a massive heart attack a few days from my high school graduation in 1969. Although I never had the opportunity, as an adult, to thank him for his words of wisdom they have been extremely useful to me in my working life.

A question enters my mind these days...would Mr. Bagnall's message find even remotely receptive ears? In some ways I believe applying the essence of the message he spoke might give us a leg up on bringing back the nation we once knew. There may be many other things that stand in the way. But the thoughtful extension of ourselves to reach that extra distance may make us more self-reliant. In fact we could become: "the one what could do it".

-73- Robert (KD8OXJ)

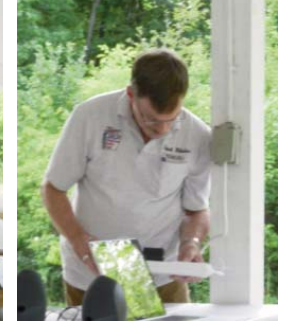
PRESIDENT'S QST - CONTINUED FROM PAGE 1

things going on in the fall and into the winter season. Now is the time to get all your antenna projects finished. Check all connections and lose wires, that way you will be able to work all that rare DX come winter.

73, AB8AA

Amateur Radio is a Hobby, Emergency Communications is a Commitment!



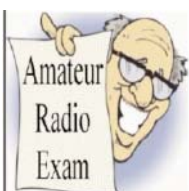

CLUB PICNIC - GREAT SUCCESS!



GOOD FRIENDS!
GOOD FOOD!
GOOD PROGRAM!

August 2012



			<p>1 ARES Net 8:30 P.M. 146.745</p>	<p>2</p>	<p>3 WRARC Net 9:00PM 145.270</p>	<p>4</p> <p>Happy Birthday KD8OKK </p>
<p>5</p> <p>Happy Birthday KD8OXJ </p>	<p>6</p>	<p>7</p>	<p>8</p>	<p>9</p>	<p>10 WRARC Net 9:00PM 145.270</p>	<p>11</p>
<p>12</p>	<p>13</p>	<p>14 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	<p>15</p> 	<p>16</p>	<p>17 WRARC Net 9:00PM 145.270</p>	<p>18</p>
<p>19 WRARC Board Meeting 7:00P.M</p>	<p>20</p>	<p>21 WRARC Meeting 7:00P.M</p>	<p>22</p>	<p>23</p>	<p>24 WRARC Net 9:00PM 145.270</p>	<p>25</p>
<p>26</p>	<p>27 Just Because Day</p>	<p>28 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	<p>29</p> 	<p>30</p>	<p>31 WRARC Net 9:00PM 145.270</p>	<p>9/1</p>