



The Wave Bender

September 2012



PRESIDENT'S QST



Here it is September. Where did the summer go? If you know anyone who is a ham, talk up the club to them. Technician classes start on the twelfth; do you know anyone who is interested in becoming a ham? After that, will be a General upgrade class starting on November 7. The more members

we have the more things we can do. This is the best club in the area, let's keep it that way. For those of you that are interested in Emergency Communications, and have not already signed up for the EC-001 class, there is still time to sign up for the class. The EC-001 Class will be held starting on Saturday, October 20 and continues for the next three Saturdays.

The Communications Unit first meeting will be on either September 22 or 29. Place to be determined. This will be an informational meeting. I will layout what will be expected and all of you can decide if this is something we want to do or not. I will send out a general announcement to everyone via E-Mail with information.

There are several workshops coming up soon. We will have one on how to solder. It will cover installing PL259's and how to work on circuit boards. You will need to have a soldering station, different size tips, solder, coax, and PL259's. Another good tool is a small crochet hook (number 13). After the soldering class we will have a workshop to build the digital interface. All these will be on Saturday, dates to be determined.

"The important thing is to never stop learning something new"

73 Allan, AB8AA

AMATEUR RADIO IS A HOBBY, EMERGENCY COMMUNICATIONS IS A COMMITMENT!

"One of the penalties for refusing to participate in politics is that you end up being governed by your inferiors." Plato

THE ELEVATOR SPEECH...



Almost seven years ago, I was selected to become a part of my employer's Quality Program that uses Six Sigma methods. We took part in four weeks of internal training under the guidance of Six Sigma practitioners that had been "at it" for a number of years. In addition to all the training on statistical methods, team facilitation techniques, and process development work there was a rather simple item we worked on every week called the elevator speech.

The elevator speech is a short monologue, generally 90 seconds or less, that describes your current work effort. If an opportunity arose it could be "presented" while riding in an elevator with a colleague, or more importantly a member of corporate management. Not all of us ride in an elevator, nor do we see a member of our organization's senior management with great frequency. *Continued page 2*



Officer's Meeting: September 16, 7:00 P.M. at the Avnet's (330-549-3051)

Regular Meeting: Sept. 18, 7:00 P.M. Davidson's, 3636 Canfield Rd. in Cornersburgh

Speaker: Robert Webster, KD8OXJ

Topic: Kenwood TS590 HF radio - Everything you want to know

2012 Officers:

President: Al Avnet, AB8AA ab8aa@arrl.net
VP: Robert Webster, KD8OXJ

Secretary: Jane Avnet, K8JAA k8jaa@arrl.net
Treasurer: Maureen Stein, KD8NXS

Trustees: Steve Fabry, KC8SOY mfstein@zoominternet.net
 Ted Filmer, KD8IJE kc8soy@yahoo.com
 Roy Haren, KD8IJF efilmer@aol.com
 harens@juno.com

Social: Maureen Stein, KD8NXS
 mfstein@zoominternet.net

Publicity: Robert Webster, KD8OXJ
 rswebster@mail.com

Badges: John Fabry, KC8SPF
 jonnnyjukebox@sbcglobal.net

SHOCK SHOT



My "New" Station - Samuel DiRocco W8SDD

2012 NEWSLETTER CONTEST WINNERS

During the ARRL Ohio State Convention, Three Club Newsletters were given awards as the top winners of the Ohio Section Newsletter Contest. All three winners were from the Northeast part of the Section this year. The winners were:

First Place – “The Radiogram” – Portage County Amateur Radio Service. **Tom Parkinson, KB8UUZ**, Editor.

Second Place – “Feedback” – Massillon Amateur Radio Club, **Gark Kline, WC8W**, Editor.

Third Place – “Zero Beat” – Alliance Amateur Radio Club, **John Myers, KD8MQ**, Editor.

Congratulations to all three winners!

73! Frank Piper, KI8GW
ARRL Ohio Section Manager
ki8gw@arrl.org



Pictured left to right: Gary Kline, WC8W; John Myers, KD8MQ; Great Lakes Division Vice Director Dale Williams, WA8EFK; Tom Parkinson, KB8UUZ; Ohio SM Frank Piper, KI8GW; ARRL President KayCraigie, N3KN; Great Lakes Division Director Jim Weaver, K8JE,

ELEVATOR SPEACH - CONTINUED FROM PAGE 1

However as Amateur Radio operators the elevator speech can come in quite handy when we least expect it.

Several nasty hailstorms earlier in the year had sealed the fate of our roof; early in August we had it replaced. Along with the roof replacement came the removal and remounting of our satellite television dish. The technician who came to remount the dish was a young man in his late twenties or early thirties. During a short break I took from the computer, I checked in with the technician as to how things were going. After his short report came the question..."I've seen some of those Amateur Radio license plates like the one on your truck around, what does that number mean?" At that moment in the middle of our driveway the "elevator" door opened.

Within two minutes, I had explained, at a high level, what Amateur Radio is. The good news was that a number of questions followed in rapid succession. Those questions led to a short tour of my antennas in the back of the property and a more detailed conversation about Amateur Radio. I happened to have one of our WRARC pamphlets lying on my desk that I gave the young man prior to his leaving when the dish installation was complete. I haven't seen or heard from him since that day...however some seeds were planted.

Similar to our "Go Kit" for emergency communications an elevator speech is an essential piece of our gear. When spoken in words that our "audience" can understand, regardless of age or expertise, it is extremely valuable. Telling the short story about who we are, the value we bring to our communities and the hobby, and the fun of it all can be very easily spoken. It may even inspire someone to become one of us.

The good news is an elevator speech doesn't require an investment in more gear or education. The investment comes in our willingness to do a bit of preparation and keep an eye out for those opening elevator doors.

-73- Robert (KD8OXJ)

Fortune Cookie Says:

Discipline is the refining fire by which talent becomes ability

How many words did Noah write?
 The last dictionary that Noah Webster wrote contained 70,000 words and their meanings. He wrote it with no help and by hand. After his death his family sold the right to publish to G&C Merriam and Co.

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

ALL OHIO ARES CONFERENCE (AOAC)

Saturday, November 3rd
Ohio Fire Academy
Reynoldsburg, Ohio



Many thanks to those who have registered thus far for the All Ohio ARES Conference. Online registration will remain open until the night before the conference. Click on this LINK <<http://d10.medi-aex.com/aoac-register/>> to register. Walk-In's (aka: spontaneous volunteers) are authorized however every-

one is encouraged to register ahead of time. This is primarily for logistics and accountability. In addition to that, let's just say there are advantages by registering online. Here's one that comes to mind... I have been advised that a brand new Wouxun KGUV3D 2M/440 HT has been donated. All registered participants who attend the conference will be entered into the drawing.

Considering we are at the Ohio Fire Academy for a reasonable low cost, the staff and I only felt it was only right to do something for the fire service. There will be a donation jar available for those who would like to donate to the National Fallen Firefighters Foundation. <http://www.firehero.org/>. According the website, "The United States Congress created the National Fallen Firefighters Foundation to lead a nationwide effort to remember America's fallen firefighters. Since 1992, the tax-exempt, non-profit foundation has developed and expanded programs to honor our fallen fire heroes and assist their families and coworkers. My thinking *Continued page 5*

WE'RE INVITED!

Sam DiRocco, W8SDD, president of MVAS, has invited WRARC to the Astro-Hams event At Scenic Vista Park happening on September 8. The Event starts at Noon and will end when everyone leaves. Weather permitting there will be telescopes and astronomical viewing in the evening. This will be a public event, and it was advertised in the Scenic Vista Newsletter so expect some public to show up.

During the evening telescopes will be setup and observing will take place throughout the evening

(Weather Permitting). This will be like a mini Field Day and we can talk and Observe all night. The astronomers are aware that we will be out with the radios and expect there to be some light, so this should not be much of a problem.

Food? Their folks usually bring finger foods such as: sandwich makings; fruit; cold salads, baked goods. While it's not necessary to bring something - we will be there for quite a while. Scenic Vista Park, is just west of Lisbon, OH. Use below for Google Maps, etc.:

11000 Wayne Bridge Rd. Lisbon, Ohio 44432
GPS Coordinates: 40° 44.152, 80° 48.988

**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**

**"NEW" Ask The Elmer Net
Right after the Friday Night Net
KC8SOY Moderator**

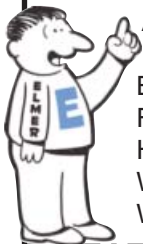
**W8SGT is facilitating an HF net
every Tuesday - 1800 (6:00 PM)
The net is run from the
State of Ohio EOC on the
Ohio ARES Admin
frequency 3875 KHz LSB.
All are welcome to check in.**



**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.**

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 | rswebster@mail.com |
| Williams, Russ KD8LDY | Electrician, tele-data, Amateur Extra | russellwhoknew69@aol.com |

H.B.158

houses as reasonably possible,

August 15 was the "effective date" for H.B. 158, the day it became law in Ohio. Some of you have had antenna projects on hold, waiting for the new law to become effective. Before you start digging the foundation for that new tower, let's review the basics. First, H.B. 158 (the Bill) does not affect other types of land use restrictions, such as those imposed by deed restrictions, condominium agreements and neighborhood agreements. Those types of restrictions arose by agreement when you purchased your home. Second, the Bill does not exempt you from the local application and approval process if it would otherwise have applied to your antenna project. In short, if a construction permit would have been necessary before the Bill, it is still necessary. If a zoning variance would have been necessary before the Bill, it is still necessary, and you are still required to go through the application and approval process.

What has changed is the degree of deference that you, as an amateur radio operator, are entitled to receive when your application is considered by the local zoning authorities. The Bill states, in part, that the local zoning authority "...shall not restrict the height or location of amateur station antenna structures in such a way as to prevent effective amateur radio service communications..." Other provisions similarly require that local authorities provide "reasonable accommodation" to applications for antenna structures.

With that in mind, here are ten things to consider as you begin using the new legislation:

1. Good relations with your neighbors, including their support for your antenna application, is the best asset you can have,
2. Make sure that your paperwork included all of the requested information, is in the proper format and filed properly don't provide an excuse to reject your application,
3. Evidence that your tower is designed to withstand the most likely weather events and that it will be properly erected is very important,
4. Structure your plan to observe setback lines and existing zoning restrictions to the greatest extent possible. We may be allowed to have antennas, but not in the front yard,
5. If you can legitimately do so, note in your application that one of the reasons you need the tower is to permit your station to participate in emergency communications if the need arises,
6. Locate your tower as far away from adjacent



7. Don't accept the notion that a "fall-down" limit applies to you. A "fall-down" limit is a provision that requires that no structure can be so high that it could fall onto the adjacent property. Keep in mind that a well-constructed tower will still be standing long after all of the nearby trees have fallen over.
8. The "antennas are ugly" objection is not, in most cases, a proper zoning consideration,
9. If your application is rejected and you plan to appeal to the board of zoning appeals or similar agency, keep in mind that there are precise time limits for doing so, and failure to appeal within those time limits will bar your appeal,
10. Don't ask for more than you really need!

The Ohio antenna legislation is as strong as that enacted by most of the 26 other states that have addressed the problem, and stronger than most. One of the provisions unique to Ohio is the requirement that, in the event of appeal, the legislative authority shall, "bear the burden of proving that the authority's actions are consistent with this section." While we hope that appeal is never necessary, in the event that it is, I encourage you to get competent legal assistance. Keep in mind that a bad result is not only your loss, but also bad precedent for the next ham who applies for a tower permit. Don't try to do it yourself.

73,
Nick Pittner, K8NAP
Ohio State Government Liaison

**How much energy does the sun make?
The Sun produces more energy every minute than
all the energy used on Earth in a year!**

**ARLD033 ITU ASSIGNS NEW PREFIX FOR NIUE:
E6A-E6Z**



To all radio amateurs

On August 3, the ITU updated its Table of International Call Sign Series to reflect a call sign change for Niue. The island will now have the entire E6 prefix block. Niue -- an island approximately 1500 miles northeast of New Zealand -- is a self-governing island nation that has been in free association with New Zealand since 1974. Prior to the change, the island used ZK2. According to the CIA World Factbook, Niue is about 1.5 times the size of Washington, DC, and has a population of almost 1300 people.

AOAC - CONTINUED FROM PAGE 3

is, the Ohio Fire Academy is allowing us to use the facility at minimal cost. The least we can do is make a donation for the friends and families of those who have made the ultimate sacrifice. You're also more than welcome to make a donation via their website. Print a copy of your receipt and bring it with you. We'll add that to the total of our donation to NFFF.

Our new Statewide Digital HF Net Manager, Gary NJ8BB has volunteered to be Staging Officer for the Emcomm Vehicle / Trailer Display at the AOAC. If you have indicated on your registration that you will be bringing a communications vehicle / trailer whether it be government owned or personally owned, I am sure Gary will be in contact with you to get specifics. If you'd like to be proactive, Gary's email is garyhollenbaugh@yahoo.com.

Stan and I are still looking for speakers and presenters. I know we have best of the best or elite of the elite in the Ohio Section. We want to learn from those who are the best in their field of expertise. If you have something you'd like to teach or demonstrate, what better place than the All Ohio ARES Conference.

My staff and I are working diligently to put this conference on for you. Just like the statewide digital HF net, we're either going to do it right, or we're not going to do it all. This is the final conference of the year and we're aiming to make it the best one this Section has ever seen. When everything is all said and done, it will be more like an ARES Expo than it will be a conference. Come join us for education and training, friendship and fellowship, and most of all, have fun with hams who share the same interests in amateur radio.

If you have any questions or comments, Contact Stan N8BHL, n8bhl@arrl.net, and myself.

73 de Matt W8DEC
w8dec@arrl.net

MORE FROM MATT

I started typing this today during the dry run of the Perry Nuclear Power Plant Drill. I was one of two radio operators at the Geauga County EOC. Many thanks to Assistant SEC Scott N8SX for acting as SEC in my absence. Many thanks to all the volunteers in Lake, Geauga, and Ashtabula Counties who came out to show what amateur radio can do during times of emergency or disaster. The Geauga County Commissioners and the event proctors/evaluators all said they are confident we'll be ready in the event of an incident at the Perry Nuclear Power Plant in Perry, OH.

Many thanks to ASM Scott N8SY for adding my weekly Ohio SEC Notes & Stuff to the ARRL Ohio

Section web page.

Ohio State Parks on the Air - Saturday, September eighth from Noon to 8PM local time. Again, another awesome great opportunity to practice emergency communications and experimenting with NVIS antennas. See <http://parks.portcars.org> for details. I will be at Mosquito Lake State Park with the Warren Amateur Radio Association. Where will you be?

Ohio ARES Tenth District Ecomm Exercise - September 15 from Noon to 5:00PM local time. Sponsored by Ashtabula County ARC and AshCo ARES. Check out the AshCo ARES website http://www.qsl.net/ash_ares/ for details.

September ninth is Findlay Hamfest. It's one of the best Hamfests in Ohio. I have never been disappointed and it's well worth the drive. Need I say more? Their website is <http://www.findlayradioclub.org/> I can tell you I have a car load of passengers car pooling with me.

The Statewide Simulated Emergency Test in accordance with the ARRL SET will be on October 6 and 7. Exact times will be posted on the ARRL Ohio Section website www.arrl-ohio.org as soon as they are finalized. This year we will be focusing on Notification, Activation, Mobilization, and Deployment. SET details and documents will be posted in the ARES Secured Area on the ARRL Ohio Section website for all DEC's and EC's as they become available.

The All Ohio ARES Conference is Saturday, November third at the Ohio Fire Academy in Reynoldsburg, Ohio.

Preparedness Leads to Readiness

Ohio QSO Party Rocked!!! I had an awesome time with great friends. If you didn't participate then you missed out on a great opportunity to practice our skills and put our equipment on the air. I have sent an email to the Mad River Radio Club / Ohio QSO Party asking them to explore the possibility of adding an emergency communications component to the Ohio QSO Party. Perhaps a particular county ARES team or district could sponsor a plaque for the highest scoring ARES Team. I am asking for your support in this awesome adventure. Please send emails to info@ohqp.org asking to consider adding an emergency communications component to the Ohio QSO Party. Your help would be greatly appreciated.

September seventh, I will be at the Massillon Amateur Radio Club for a SEC visit. I will be presenting on Public Service Communications 101 and briefing everyone on what we're doing in the Ohio Section. The presentation is very informative yet entertaining. Many thanks to the MARC for featuring me on their website.

So what's next? If you missed Ohio QSO Party; don't fret. Just like the super *Continued page 7*

LABOR DAY

Labor Day is an American federal holiday observed on the first Monday in September (September 3 in 2012) that celebrates the economic and social contributions of workers.

Labor Day pays tribute to the contributions and achievements of American workers. It also symbolizes the end of summer for many Americans, and is celebrated with parties, parades and athletic events.

History:

In 1882, Matthew Maguire, a machinist, first proposed the holiday while serving as secretary of the CLU (Central Labor Union) of New York. Others argue that it was first proposed by Peter J. McGuire of the American Federation of Labor in May 1882, after witnessing the annual labor festival held in Toronto, Canada.

Oregon was the first state to make it a holiday in 1887. By the time it became a federal holiday in 1894, thirty states officially celebrated Labor Day. Following the deaths of a number of workers at the hands of the U.S. military and U.S. Marshals during the Pullman Strike, President Grover Cleveland reconciled with the leader of the labor movement. Fearing further conflict, the United States Congress unanimously voted to approve rush legislation that made Labor Day a national holiday; Cleveland signed it into law a mere six days after the end of the strike.

The September date originally chosen by the CLU of New York and observed by many of the nation's trade unions for the past several years was selected rather than the more widespread International Workers' Day because Cleveland was concerned that observance of the latter would be associated with the nascent Communist, Syndicalist and Anarchist movements that, though distinct from one another, had rallied to commemorate the Haymarket Affair in International Workers' Day. All U.S. states, the District of Columbia, and the territories have made it a statutory holiday.

**TECHNICIAN CLASS STARTING
SEPTEMBER 12
@ ITT, 7:00P.M.**

**GENERAL CLASS STARTING
NOVEMBER 7
@ ITT, 7:00P.M.**

CONTACT AL, AB8AA@ARRL.NET



Ohio State Parks On The Air



The Ohio QSO Party is over and its time to think about another fun, operating activity that is centered in the Great Lakes Division (GLD). This is the Ohio State Parks On the Air (OSPOTA) contest. This contest will be held on Saturday, September 8 during the 8-hour period of 1600z-2400z. It is open to all amateurs. This will be the fifth year for OSPOTA. It is sponsored by the Portage County (Ohio) ARS (PCARS). Although PCARS developed the state parks contest, they have been copied by other clubs in the US. The fun in working state parks in this contest has truly been recognized.



Full information on OSPOTA can be found at <http://parks.portcars.org>.

From Weaver's Words
Jim Weaver, K8JE
Director, Great Lakes Division
5065 Bethany Rd.
Mason, OH 45040
Tel. 513-459-1661;
e-mail K8JE@arrl.org
ARRL: The reason Amateur Radio Is
Members: The reason ARRL is

**EC001 CLASS STARTING OCTOBER 20
@ 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**



"To every man, there comes in his lifetime, that special moment, when he is physically tapped on the shoulder and offered the chance to do a very special thing, unique to him and fitted to his talent; what a tragedy if that moment finds him unprepared or unqualified for the work which would be his finest hour."

Those words spoken by Winston Churchill over 70 years ago are very appropriate for all Americans.

MATT'S NOTES - CONTINUED FROM PAGE 5

bowl, "There's always next year." But you won't have to wait that long for another cool Ohio contest. Ohio State Parks on the Air is on September 8 from Noon to 8pm local time. I will be with the Warren Amateur Radio Association at Mosquito Lake State Park in Cortland (Trumbull County). Where will you be? Now there is an emergency communications aspect to OSPOTA. Portage County Emergency Coordinator Jim KC8PD has donated an 80M dipole for the top scoring ARES or RACES team. I encourage, better yet I am asking all ARES volunteers to participate in Ohio State Parks on the Air. Let's do our part in getting all 75 state parks activated in Ohio. Be sure to check out the Ohio State Parks on the Air website <http://parks.portcars.org/ospota/index.php> for details.

Findlay Hamfest is Sunday, September 9 at the Hancock County Fairgrounds. This Hamfest is one of the best we have in Ohio. Please make an effort to support the Hamfest even if you have nothing to buy or sell. I have a car load of passengers and we're looking forward to traveling to the Findlay Hamfest.

Many thanks to those who have registered for the AUXCOMM-SPCL class taught by FEMA on September 22 and 23 at the State of Ohio EOC. Last time I checked there were 21 registered with a maximum of 30 seats. Check this out <http://www.w8al.org/forums/index.php/topic,1166.msg1199.html?PHPSESSID=f39b5ca3bbf587f13eeb89d599c04861#msg1199> for details.

Self-deployment adds unnecessary stress to an already chaotic incident and drains allocated resources. Self-deployed volunteers become part of the problem and not part of the solution.

We do not self-deploy. There are no exceptions.

What can you do in the meantime? There are all kinds of things you can do. But these recommendations seem the most pertinent at this time. Preparedness leads to readiness. All volunteers should be proactive and contact their Emergency Coordinator to confirm and verify they have the correct contact information for you. Old or expired information leads to inability to contact you. Volunteers should inventory their Basic Deployment Equipment Checklist. Most of the items on that checklist should be in your "ready" kit. Volunteers are encouraged to print and review the Extended (72-Hour) Deployment Equipment Checklist. See ARES Field Resource Manual for details. It's a free download at <http://www.arrl.org/files/file/ARESFieldResourcesManual.pdf>.

The bottom line is we do not self-deploy.

There are no exceptions. If volunteers are needed

and mutual aid is requested, ARRL HQ will send those requests to the Section Managers and/or Section Emergency Coordinators.

ARRL Ohio Section ARES is proud to announce the 1st Annual ARES Membership Drive.

In spirit of National Preparedness Month, all county ARES teams are encouraged to participate in the contest by registering as many new volunteers throughout the month of September. Recruiting should be a team effort. Just like an emergency or disaster, Emergency Coordinators are not expected to do everything by themselves. EC's should rely on volunteers to achieve the mission by completing the tasks at hand. ARES volunteers should assist the EC in recruiting as it is an integral part of bringing "new blood" into the ARES program.

1. Contest runs from September 1 to September 30.
2. All registrants must be licensed amateur radio operators verified by the FCC database.
3. All volunteers must register using the ARRL FSD-98 ARES Registration Form.
4. Copies (you keep originals) of completed FSD-98's must be received for verification no later than Wednesday, October 3.
5. The county that registers the most volunteers wins!
6. The district with the most new volunteers wins!

The winning county and district will both receive a spectacular award certificate suitable for framing. Both will also be recognized on the Ohio Section Website, Ohio Section News, and in my weekly Ohio SEC Notes & Stuff which goes out to the entire Ohio Section and then some. An announcement will also be sent to QST so everyone will know which county and district in the Buckeye State took first place in the 1st Annual Ohio Section ARES Membership Drive.

Copies of completed FSD-98's are to be sent to: PIO Jackie Clay KD8DNE via either:

Email: kd8dne@gmail.com. You scan them and email them.

Postal Mail: Jacqueline Clay KD8DNE
14770 Hillcrest Ave
Middlefield, OH 44062

Fax: 440-585-1024
Attn: Matt Welch

Good luck to everyone. May the best county and district win!

73 de Matt W8DEC

Ohio Section Emergency Coordinator

ARRL - The National Association for Amateur Radio™







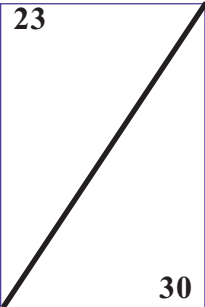
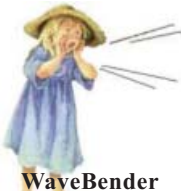
w8dec@arrl.net

440-585-7388



September 2012



					<p>WRARC Net 9:00PM 145.270</p>	<p>1</p>
<p>2</p>	<p>3</p> 	<p>4</p>	<p>5</p> <p>ARES Net 8:30 P.M. 146.745</p>	<p>6</p>	<p>7</p> <p>WRARC Net 9:00PM 145.270</p>	<p>8</p> <p>Happy Birthday  KA8SEI</p>
<p>9</p>	<p>10</p>	<p>11</p> <p>Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	<p>12</p> <p>Technician Class Starting</p> 	<p>13</p>	<p>14</p> <p>WRARC Net 9:00PM 145.270</p>	<p>15</p>
<p>16</p> <p>WRARC Board Meeting 7:00P.M</p>	<p>17</p>	<p>18</p> <p>WRARC Meeting 7:00P.M</p> <p>Happy Birthday  KC8SPF</p>	<p>19</p> <p>Happy Birthday  WA8GLF</p>	<p>20</p>	<p>21</p> <p>WRARC Net 9:00PM 145.270</p> <p>Happy Birthday  KC8UNR</p>	<p>22</p>
<p>23</p>  <p>30</p>	<p>24</p>	<p>25</p> <p>Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast</p>	<p>26</p>	<p>27</p>  <p>WaveBender Articles Due</p>	<p>28</p> <p>WRARC Net 9:00PM 145.270</p>	<p>29</p>