

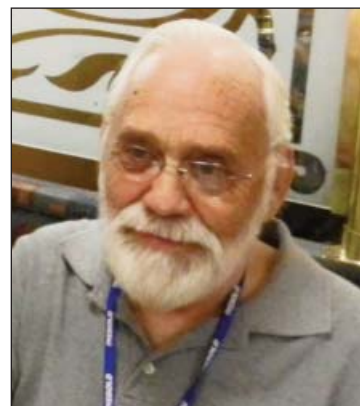
# The Wave Bender

July 2014



## WRARC PREZ SEZ

Well, Field Day is over and it was a real scorcher as far as the weather was concerned. We had a good turn out Saturday for the dinner. The food was delicious and plentiful, and the desserts were great. I want to thank everybody for coming out and sharing with us. What a great day, It was hot, but we all had a good time. Special thanks to Maureen KD8NXS for her hard work in planning and setting up dinner. Also, many thanks to Steve KC8SOY, our master grillar, for all the great burgers and hot dogs, and Darrin N8DNC for his help flippin' burgers and dogs. Great job guys!



Thanks also go out to Darrin and John KC8SPF for manning the sign-in table and information table, and thanks to John for selling the 50/50 and raffle tickets. Most importantly, I personally want to thank Al AB8AA and Jane K8JAA for setting up testing and grading, and Al for his hard work setting up the antennas so we could get on the air.



Last but not least, a special thanks to Chris WF8U for tutoring some of the new Hams and getting them on the air. Our GOTA station was great. We needed more participation and stations on the air, but thanks to the operators and stations that were operating. My thanks to all for making this Field Day 2014 successful and fun.

Happy 4th of July!....

73 to all, Roy, KD8IJF,  
President



**Officer's Meeting:** July 8 7:00 P.M. At Eat 'n Park, 8051 Market St., Boardman

**Regular Meeting:** July 15, 6:00 P.M. at Western Reserve United Methodist Church  
4580 Canfield Road Canfield, OH 44406

### 2014 Officers:

President:	Roy Haren, KD8IJF	kd8ijf@wrarc.net
VP:	Joe Wojtowicz W0JO	kd8rcc@wrarc.net
Secretary:	Kevin Stein, KD8NXS	kd8nxs@wrarc.net
Treasurer:	Maureen Stein, KD8NXS	kd8nrx@wrarc.net
Trustees:	Steve Fabry, KC8SOY	kc8soy@wrarc.net
	Chris Monske, WF8U	kd8ely@wrarc.net
	Harry Harker, KD8PQK	kd8pqk@wrarc.net

### Appointed Positions:

Social:	Maureen Stein, KD8NXS	kd8nxs@wrarc.net
Publicity:	Joe Wojtowicz, W0JO	kd8rcc@wrarc.net
Newsletter/Web:	Jane Avnet K8JAA	k8jaa@wrarc.net
Facebook/Badges/logo Design:	John Fabry, KC8SPF	kc8spf@wrarc.net

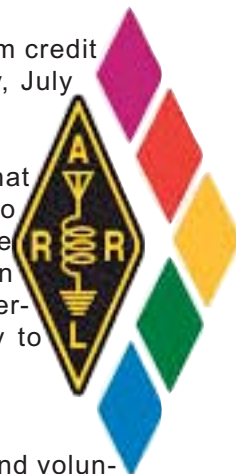
<http://www.wrarc.net/>

## CHANGES TO AMATEUR SERVICE PART 97 RULES GO INTO EFFECT ON JULY 21

SB QST ARL ARLB014

The FCC's recently announced revisions to the Part 97 Amateur Radio rules governing exam credit to former licensees, test administration, and emission types will go into effect on Monday, July 21. The new rules were published in The Federal Register on June 20.

In a wide-ranging Report and Order (R&O) released June 9, the Commission announced that it would grant examination credit for written elements 3 (General) and 4 (Amateur Extra) to holders of "expired licenses that required passage of those elements." The FCC will require former licensees falling outside the 2-year grace period to pass Element 2 (Technician) in order to be relicensed. The Commission declined to give exam credit to holders of expired Certificates of Successful Completion of Examination (CSCEs) or to extend lifetime validity to CSCEs. The R&O can be found on the web in PDF format at, [http://transition.fcc.gov/Daily\\_Releases/Daily\\_Business/2014/db0609/FCC-14-74A1.pdf](http://transition.fcc.gov/Daily_Releases/Daily_Business/2014/db0609/FCC-14-74A1.pdf)



The FCC also embraced the use of remote testing methods, allowing volunteer examiners and volunteer examiner coordinators "the option of administering examinations at locations remote from the VEs." The National Conference of Volunteer Examiner Coordinators (NCVEC) in 2002 endorsed experimental use of video-conferencing technology to conduct Amateur Radio testing in remote areas of Alaska. The Commission dropped its earlier proposal to permit two VEs to administer exams; the requirement remains at three VEs. The Commission did not spell out the "mechanics" of remote testing, however, which it said would "vary from location to location and session to session." VEs administering examinations remotely must grade such examinations "at the earliest practical opportunity," rather than "immediately," as the current rule for conventional exam sessions requires.

The FCC also adopted an ARRL proposal to authorize certain Time Division Multiple Access (TDMA) emissions in the Amateur Service. The Wireless Telecommunications Bureau in 2013 granted an ARRL request for a temporary blanket waiver to permit radio amateurs to transmit emissions with designators FXD, FXE, and F7E, pending resolution of the rulemaking petition. That waiver becomes permanent on July 21.

The Commission also made "certain minor, non-substantive amendments" and corrections to the Amateur Service rules.

## SECTION MANAGER'S THOUGHTS

Hi Gang,

Wow... It's July 1st already.

The calendar says it's almost the 4th of July. Now I have to tell ya' while out on my motorcycle rides around the countryside, I am seeing the corn at "knee high" already, and that's good "knee high by the Fourth of July." The farmers had a hard time getting into the fields in the early spring, but it looks like things are still on time and all of us will be enjoying sweat corn on the cob in a few weeks. "Hot dog."



With this time of year there it also brings out those crazy folks who want to spend a lot of hard earned money on the pyrotechnics. Be careful!! Remember only YOU can prevent my house from being burnt to the ground. Last year I didn't have to visit any of the commercially produced fireworks displays as that my neighbors put on a show that lasted well into the middle of the night. Unfortunately, in the morning I had to clean up all the debris from that fantastic show. Stuff was everywhere. It was quite a mess. Luckily nothing got destroyed, but I did have several bushes with burnt areas on them. Oh well . . .

With all the celebrating that Americans do to show our hard earned freedoms, please, I can't stress this enough . . . "Let's be careful out there . . ." and remember, freedom isn't free, it comes with a price. Honor the veterans, keep the faith and most of all, HAVE FUN . . .

73.

ARRL Ohio Section  
Section Manager: Scott D Yonally, N8SY  
[n8sy@arrl.org](mailto:n8sy@arrl.org)

## WRARC PUBLIC SERVICE EVENT CANCELED

Tour of the Valley has been canceled due to lack of a major sponsor for 2014. Next year? That is a good question. I hope it will continue - It was a good event. With lots of other events to work like one below on the ARES calendar. Matt Welch W8DEC urges us to stay hydrated during the upcoming hot weather. -

*"A reminder to all volunteers . . . stay hydrated." Sometime we get all wrapped up in the event we forget to stay hydrated. The American Heart Association has a great website with information on how and what to drink. According to the website, "Not just for athletes or exercise. Hydration isn't just important during physical activity. Sitting in the sun on a hot or humid day, even if you aren't exercising, can also cause your body to need more fluids."*



*The American Cancer Society Pan Ohio Hope Ride, POHR, is July 24, 25, 26, and 27, 2014. It's only a 328-mile bicycle ride from Cleveland to Cincinnati in four days with over 500 cyclists.*

*Amateur radio plays a key role in situational awareness not only for the staff but also the participants in this event. We're looking for amateur radio volunteers to staff strategic locations, water stops, dangerous or misleading intersections, and railroad tracks on all four days of the ride.*

*Volunteers who would like to be stationed at the water stops need to contact me at w8dec@arrl.net so I can get them added to the volunteer roster and notify the POHR staff.*

*Please note, we're hoping to have enough volunteers to have more than one at each water stop on all four days of the ride. See attached for water stop locations to find one near you.*

*Volunteers stationed at strategic locations, dangerous or confusing intersections, and railroad tracks throughout the ride will be assigned by their Emergency Coordinator or their designee. More information including maps can be found at [www.panohipohoperide.org](http://www.panohipohoperide.org). More than likely there will be minor changes to the route between now and the event, so please do not print them until we're close to the event. The communications plan is being tweaked from last year and will be out at a later date. Feel free to contact me at w8dec@arrl.net should you have any questions."*

**A girl was visiting her blonde friend, who had acquired two new dogs, and asked her what their names were. The blonde responded by saying that one was named Rolex and one was named Timex.**

**Her friend said, 'Whoever heard of someone naming dogs like that?'**

**'HELLLOOOOOOO. . . ,'** answered the blonde. **'They're watch dogs'.**

## WHAT'S COMMING UP?

July 13	Board Meeting at Eat 'n Park, Boardman
July 15	Our Annual picnic - Contact Maureen KD8MXS with what you'll be bringing for our picnic Pot Luck.
August 17	Board Meeting
August 19	Meeting at Davidson's
August 20	Testing at ITT - Contact AI 330-549-3051
Sept. 10	Tech. class - Contact AI 330-549-3051
Sept. 16	Meeting at Davidson's



**Join us for the WRARC Friday night Net 9:00 P.M.**

**145.270, PL -110.9**

**Upcoming Net Control Operators**

July 4 Darrin, N8DMC

July 11 Dave, KC8WY

July 18 Chris, WF8U

July 25 Darrin, N8DMC

Aug 1 Al, AB8AA

Aug 8 Joe, W0JO

Aug 15 Jane, K8JAA

Aug 22 This could be you

Aug 29 This could be you



**Contact Steve, KC8SOY to take a turn at Net Control  
330-774-6346**

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

### **Mahoning County ARES® Nets**

**1<sup>st</sup> Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)**

**&**

**3<sup>rd</sup> Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)**

**We thank MVARA for the use of their repeater**

**W8SGT is facilitating The Ohio HF net every Tuesday - 7:00 PM**

**The net is run from the State of Ohio EOC on the**

**Ohio ARES Admin frequency 3875 kHz LSB**

**moves to 7240 Khz after 20-min.**

**All are welcome to check in.**



**The Ohio ARES/OES Digital Emergency Net held every Tuesday at 8:00PM.  
held on 3585 kHz USB.**

**Please note all digital communications are Upper Side Band.**

**<http://www.http://ohden.org/> for net details. Net Manager Gary NJ8BB**

### **COLUMBIANA COUNTY DIGITAL NET**

**Wednesdays 8:30 pm - 9:30 pm**

**145.510 MHZ SIMPLEX**

**NBEMS/FLDIGI is being used training on the message handling  
capabilities of FLDIGI/FLMSG. Start with BPSK-125 other modes may be used for testing**

**First Wednesday of the Month Mahoning County Skywarn Net  
is held on the W8QLY repeater 146.745 (-) at 8:30P.M.**

Thanks & 73

All of our members (and others) look forward (hopefully) to getting this newsletter every month, so keep sending those articles, jokes, and suggestions!

Thanks goes out to this month's contributors; KD8IJE, AB8AA, W0JO, KD8NZF, KC8SOY, KC8PQK, KC8UNR, WF8U, W8IZC, KC8PD, KB8UUZ, W8DEC, N8SY, W5YI, the ARRL and the World-Wide Web.



## JUNE 18 TEST SESSION

The General License Class finished June 11. The test session for that class was the following week, June 18. We had 17 Hams testing, not just from the class but from all over the NE section of Ohio. Not all the members of the class came to the test session. Some had some schedule conflicts, while others didn't feel they were ready. The new Technicians are Frank Crozier KD8YZE; Jeremy Miller, KD8YYF; Terry Mitzel, KD8YYE; and Jason Rister, KD8YYD. New General Class are: Lori Bortmas, KD8URA; George Burin, KD8YFN; Candy Davis, KD8YMZ; Karen Knight, KC3CTM; Richard Knight, KC3CTN; J Richard Maurer, KD8YFT; Tomas Murray, KD8VVL; Robert Mitzel, KD8YYH, and Mark Schmidt, KD8YYG, who passed both their Tech and General.

Thanks to the VEs for this session. Contact VE, Al Avnet, AB8AA; Jane Avnet, K8JAA; Jim Jickess, KB8QDZ; David Beatty, KC8WY; Roy Haren, KD8IJF; Wes Boyd, W8IZC. Special thanks to VEs Stan Adamski KB3WPD, Joe Wojtowki, W0JO; and Dave Brett, KD9NZY who read to a handicapped Ham who didn't quite make the License they were testing for.



Picture by  
W8IZC

### TECHNICAN CLASS STARTING

SEPTEMBER 10  
FOR INFO CALL AL

330-549-3051



I didn't make it to the gym  
today.

That makes  
5 years in a row.

your e cards  
someecards.com



Challenge WRARC Elmers with your Questions - [questions@wrarc.net](mailto:questions@wrarc.net)

Avnet, Allan AB8AA

Antennas, radio setup, mobile,  
grounding, classes, anything

[ab8aa@wrarc.net](mailto:ab8aa@wrarc.net)

Beatty, Dave KC8WY  
Darrin Cannon N8DMC

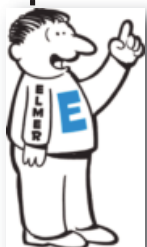
anything  
programming your radio with the  
computer

[kc8wy@wrarc.net](mailto:kc8wy@wrarc.net)

Fabry, Steve KC8SOY  
Haren, Roy KD8IJF  
Into, Norm K8NI  
Monske, Chris KD8ELY  
Webster, Robert WR8RW  
Williams, Russ NR8W

Yaesu FT8900, FT8800, Mobile  
???  
Basic Radio & Electronics  
Mobile installations  
erecting antennas  
Electrician, tele-data, Amateur Extra

[n8dmc@wrarc.net](mailto:n8dmc@wrarc.net)  
[kc8soy@wrarc.net](mailto:kc8soy@wrarc.net)  
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[radio-k8ni@neo.rr.com](mailto:radio-k8ni@neo.rr.com)  
[kd8ely@wrarc.net](mailto:kd8ely@wrarc.net)  
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If you don't ask, you don't learn

Articles from members for the Wave Bender are encouraged. They must be received by the editor three days before the end of any month for the following month. Please send your articles to: [k8jaa@arrl.net](mailto:k8jaa@arrl.net), and put WRARC on the subject line of your email. You may also send your articles to the editor: Jane Avnet, 2050 E. South Range Rd., New Springfield, OH 44443. Please no telephone submissions.

## FIELD TRIP TO K3LR's HAM SHACK



About twenty-five members found their way to Tim's Duffy's home in Pennsylvania in spite of two detours that weren't there yesterday, Tim was a gracious host walking the property with us explaining each tower and their use. After the outside tour, we went into the house to view his shack. He offered us water and most of us went down stairs for the rest of the tour. Thank you Tim we enjoyed the time we spent there.

Those members who came out were: WF8U, KD8YMM, KD8NXS, KB3WPD, N3DZH, N8DMC, KD8YFO, KD8IJF, Donna Haren, Fran Into, Nancy Williams, NR8W, KD8QNY, KD8NXR, KD8NZF, AB8BL, WB8IBA, KC3CTN, KC8UNR, K8NI, AB8AA, W0JO.




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 RADIO CHECK- TESTING 1-2-3, SUNDAY 6/8/14

These pics were of a sudden 3 hr setup and test of equipment for field use. Chris, exKD8ELY, now WF8U and I, KC8UNR, made our way to Lake Milton State Park. Chris beat me hands down on the antenna set up time by about 20 + minutes. After making contacts and looking over our stuff, we figured out one of my coax jumpers had gone bad. Removing this obviously made a big difference with my QRP rig. And I had forgotten to bring a table that I usually have with my gear, hence gear sitting on the ground in the pic.

Always good to check your gear, outside if you can. Some little things or big things can change when your gear is not used at your normal QTH. Was a great day outside. Figured out some problems and things I want in a portable multi-band antenna. Dipoles are great but, wires, wires, wires everywhere and trees or other support needed for them. Great if you walking far into the woods or in a park, but a multi-band vertical was a lot quicker and maybe self supportive if using a base.

73 de KC8UNR





## WRARC's BOOTH AT BUTLER HAMFEST

WRARC had a booth at Butler Hamfest again this year. KD8PQK, KC8SOY, KD8IJF, AB8AA, and K8JAA met at Kings for breakfast. After which we went to the Fairgrounds (we got lost, missed the turn) and set up the booth. Our table was inside, and we were next to some of the same vendors we were next to last couple of years. We managed to sell some of the equipment we had for sale, but didn't win any of the prizes. (I guess you have to buy tickets.)

KD8HCQ & his wife Janet, W8IZC, KD8YMF, KD8NZF & KD8QNY, WB8IBA, KC8UNR & KD8SKL, N8DMC & KD8YFO, all wandered by during the day. It was a very pleasant day.



## PAPER CHASE



If you went to Dayton and attended the "Contesting Forum," you heard the MC ask the audience who had operated from each of the 40 CQ Zones. I was impressed by the number of zones that had been activated by the group.

After returning home, I wondered how many zones I had been active in. In addition to W8KNO, I had previously held K2UEL which I had used aboard the USS Hammerberg (DE 1015) and the USS Gearing (DD710). In addition, I had operated at other clubs.

My first communication occurred before I was licenced, I was not bootlegging. I needed to communicate with the Long Beach Naval Ship Yard from atop the after mast of the USS Toledo, CA-133, while aligning the AN/SPQ-2 antenna. The top of the mast was 112 ft above the water line. This all occurred in zone 3.

I obtained my first call K2UEL in 1959 and for the next nine years I operated fixed, portable, mobile and maritime mobile and as a guest operator at W3ADO and NSS. This was all in zone 5 with the exception of mobile contacts in zone 4 while visiting Cleveland. After being assigned aboard ship, I operated from the Hammerberg in zones 5, 8, 10 and 12. From the Gearing, I operated in zones 14 and 33.

Since coming to Ohio and having to get a new call sign, W8KNO; I have operated fixed, portable, mobile in zone 4 and as a guest operator at W6RO the Queen Mary in zone 3. Field days have been operated with the Portage County Amateur Radio Service, The Warren Amateur Radio Association, Portage Amateur Radio Club and the Hiawatha Valley Amateur Radio Club, KC0LXM, of Red Wing, Minnesota.

After getting confirmation of all 40 zones, you may obtain a certificate by submitting the necessary forms to CQ. Complete rules can be found at:

[http://cq-amateur-radio.com/cq\\_awards/cq\\_waz\\_awards/012804\\_cq\\_wazrules\\_English.pdf](http://cq-amateur-radio.com/cq_awards/cq_waz_awards/012804_cq_wazrules_English.pdf)



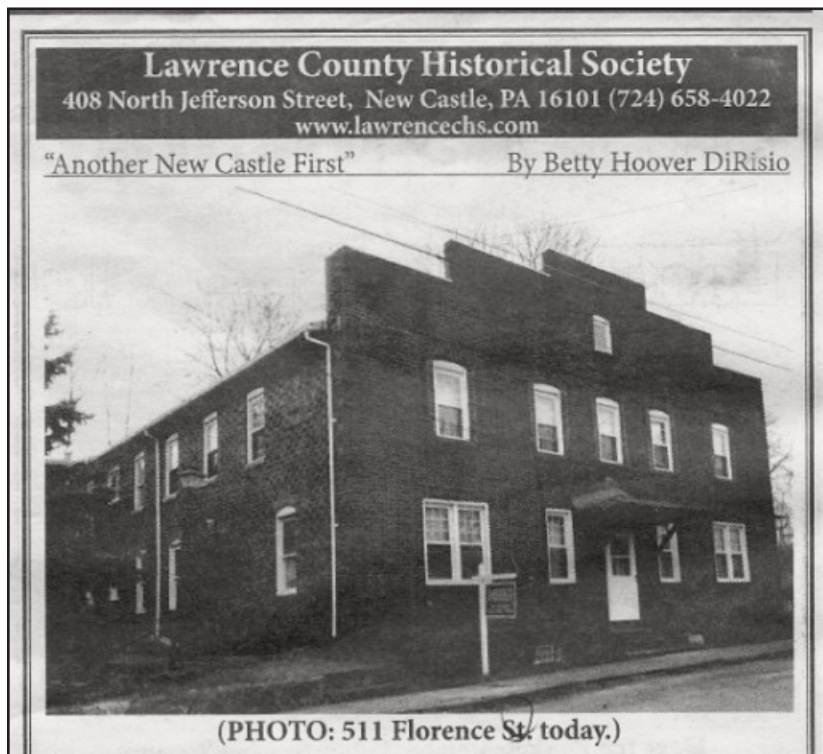
If you would like a CQ Zone map, go to: <http://cqww.com/images/wazmap1.gif>

I'll listening for you,  
Joe - W8KNO

**VOLUNTEERS NEEDED TO HELP WITH  
BIENNIAL CIVIL WAR REENACTMENT  
TO COMMERORATE THE 150<sup>TH</sup> ANNIVERSARY OF THE CIVIL WAR  
JULY 26-27, 2014  
ARGUS PARK, 5050 SHIELDS RD. CANFIELD  
CONTACT JIM SECKINGER, KC8HSD, AT 330-726-3722 TO VOLUNTEER**



## AMATEUR RADIO HISTORY IN NEW CASTLE, PA



In 1909 and 1910 Rex Patch was in the telegraph business and became interested in wireless telegraphy. After building numerous wireless radios for friends, he established the Pennsylvania wireless Manufacturing company (later the Pennsylvania Radio Manufacturing Company). At the time, the sets were only used to send and receive wireless CODED messages. In 1912, while listening for random radio signals, Patch was one of the first to learn of the sinking of the Titanic in real time.

When World War I broke out, the War Department needed wireless communication operators. Rex, a Spanish-American War vet, established a school of instruction at the East Street School in New Castle, Pennsylvania churning out radio operators many of whom enlisted for service.

On July 25th, 1919, the first wireless VOICE messages to be transmitted and received in this part of the country, were received in

Patch's home from a transmitting station at Grove City College operated by another radio pioneer, Dr. Hebert W. Harmon. It was the first time it had been attempted here and a number of enthusiasts were present to witness the test. "Singing, talking and whistling were heard plainly through the receiver in this city." Months later on April 26th,

1920, the College's president would use the transmitter to address the New Castle Rotary Club. This was over six months before KDKA, the first commercial radio station, was in operation.

In 1920, Patch obtained one of the first 17 licenses issued for manufacturing regenerative receivers under an Edwin Armstrong patent. This license would later become a priceless commodity and Powell Crosley, the "Ford" of radio, came to New Castle in a futile attempt to secure Patch's license.

By July 1922, demand for amateur radio sets was ten times higher than the supply. Patch erected a new manufacturing facility at 511 Florence Avenue in New Castle in July of that year and formed, with outside interests, an organized sales company to handle the entire output of the factory with exclusive rights to sell the sets nationwide.

During World War II, Rex continued teaching radio as part of the VFW's aviation class. He died February 18, 1946.

Article from Lawrence County Historical Society, "Another New Castle First" by Betty Hoover DiRisio.

Joe, W0JO  
VP/WRARC

## FLORIDA or the MOON

Two blondes living in Oklahoma were sitting on a bench talking, and one blonde says to the other, 'Which do you think is farther away... Florida or the moon?' The other blonde turns and says 'Hellooooooooooooo, can you see Florida ?????'

## NEWEST MEMBER OF THE OHIO SECTION CABINET

Hi Gang,



I want to introduce you to the Ohio Section's newest Affiliated Clubs Coordinator. John Myers, KD8MQ



John lives in Alliance, and is the current Vice President, and former President of the Alliance Amateur Radio Club. He is also the editor of the club newsletters; the Zero Beat (an Ohio Section Newsletter Contest Winner), and the Monday Morning Message.

John has taught licensing classes, and is the former chairman of the club's field day effort. John is a member of PCARS, where he is one of the Board Members for the Ohio State Parks on The Air Contest. He's also their webmaster.

Licensed in 1980, John holds an Extra class license. He holds an associate degree in Computer Science, and enjoys writing, & maintaining websites, when he is not "playing radio" John was a self-employed Electronic Technician for 21 years, but currently is a traffic signal & lighting technician with the City of Canton. John enjoys contesting, portable HF operation, fox hunting, and awards chasing.

He has been married for 17 years to his wife, Lyn, who generously allows him to share their home with her, and their three cats. Let's all congratulate John on his new position.

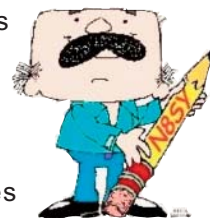
## MORE FROM SCOTT

Hi Gang,

After much consideration I have determined that a different approach to our ARES program is needed. Along with a different approach I also feel a new Section Emergency Coordinator is needed.

Effective today June 24, 2014 I have asked our current Section Emergency Coordinator (SEC), Matt Welch, W8DEC to step down. I appreciate Matt's past service for the Section.

As a temporary measure, I ask that all EC's / DEC's and ASEC's maintain their normal routines and reporting during the process of filling the SEC position.



ARRL Ohio Section  
Section Manager: Scott D Yonally, N8SY  
n8sy@arrl.org

## PUBLIC SERVICE OPPORTUNITY

I still have positions open for the Portage County Parks Headwater Adventure Race event that takes place on July 12. It's a morning event that wraps up by noon and I'm looking for radio operators to help out with our last few open positions. If you are new to public service events and don't feel comfortable operating on your own, please let me know and I'll pair you up with a more experienced operator so that you can learn the ropes. Contact me at k8cav@portcars.org if you can help out. Thanks!!

73, Rick K8CAV

## ALLIANCE AMATEUR RADIO CLUB SPECIAL EVENT - W8T

On Saturday, July 12th, we will be setting up a special event station at the Taylorcraft Fly-in, at Barber airport. We have reserved the callsign W8T for the event, and will have custom QSL Cards & certificates available for a SASE, or two green stamps.

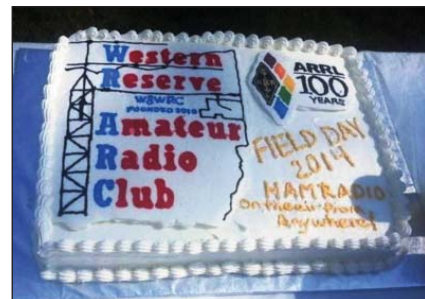
We'll have two stations running. An info sheet on Taylorcraft will be posted at both stations. Our hours of operation will be 10 AM - 4 PM. Setup begins at 8 AM on the day of the event.

Barber Airport is located North of Alliance on Rt 225. If you're headed north, and cross Berlin reservoir, then you've gone too far. Hams associated with the Special event can park near the shelter alongside rt 225. More information, and drafts of the cards/certificates, and info sheets will be available at the next meeting. We hope you can come out & join us for what promises to be a fun day.

## FIELD DAY 2014 IS HISTORY

The weather man provided us with the Hottest weekend so far this year. We didn't have many operators, which is the reason for Field Day. Field Day is part educational event, part operating event, part public relations event – and ALL about FUN! To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

WRARC has 60 members, only four operators this year why wasn't there more interest in operating? I have to say more members signed up for the dinner than came out to try their hand at operating. Chris did a great job getting some of our newest operators on the air. Steve, Roy and Al also worked to get points for WRARC. I know we really don't push for those points, but I wish more Hams would have participated. Why didn't YOU come out and operate?



I do want to thank those who provided the wonderful food at the picnic dinner. WRARC has some fantastic cooks! Thank you Maureen for doing such a wonderful job putting it all together. Special thanks to KD8JMO for his help

## FIELD DAY 2014 TEST SESSION

The Field Day test session took place at 10:00 A.M. Saturday morning. Four Hams came in hoping to update their license. One passed, Dennis White WB8HXG is now a an Extra! Congratulations Dennis, the others will try again, and will upgrade at our August test session.

VEs for the exam session were; Al, AB8AA, contact VE for the W5YI test session; Dave, KC8WY; Pete, N8XDE; Roy, KD8IJF; Jane K8JAA; Stan KB3WPD; Joe W0JO; Darrin, N8DMC. Stan and Joe just got their certification as W5YI VEs. Welcome to the group.

## MSG FROM AB8AA

Well now that Field Day is over, what shall we do next? Right now the 13 colonies are on the air. If you get all of them then you can get a nice certificate. We are starting into the downward side of the current cycle. Soon contacts will get harder to get. Now is the time to work as many stations as you can.

Those of you that only came to the Field Day dinner missed a lot of FUN. With 60 members in the club we should have had more than the few that came out and worked. The question is why did you not come out and help at Field Day?

73, AB8AA

## 13 COLONIES SPECIAL EVENT GETS UNDERWAY ON JULY 1!

The annual 13 Colonies Special Event takes place starting at 1300 UTC on July 1. The event wraps up at 0400 UTC on July 7. This year's theme is "Revolutionary War Era Colonial Currency." Stations working just one state are eligible for a certificate, and a "Clean Sweep" endorsement will be attached for stations fortunate enough to work all 13 Colonies. A special endorsement will be attached for stations contacting sister operation WM3PEN in Philadelphia.



New this year, the 13 Colonies have added a second sister station W3FT in Baltimore, to commemorate the 200th anniversary of "The Star Spangled Banner."

At least two stations from each of the original 13 colonies will be on the air at any given time. Special events stations to listen for are K2A (New York), K2B (Virginia), K2C (Rhode Island), K2D (Connecticut), K2E (Delaware), K2F (Maryland), K2G (Georgia), K2H (Massachusetts), K2I (New Jersey), K2J (North Carolina), K2K (New Hampshire), K2L (South Carolina), K2M (Pennsylvania), plus WM3PEN.

*Continued page 12*



## 13 COLONIES - CONTINUED FROM PAGE 11

All HF bands except 30, 17, and 12 meters will be in play, and simplex operation on 2 meters and 6 meters is encouraged. Special event stations may use all modes.

Last year, more than 81,000 contacts were made during the 13 Colonies Special Event.

## OHIO AMATEUR LICENSE PLATE RULES HAVE CHANGED

Owners or lessees of motor vehicles who are residents of Ohio and hold an un-revoked and unexpired official amateur radio station license issued by the Federal Communications Commission may apply for these plates. The official call letters will be the license plate numbers. There are no options.

The owner must submit a copy of the un-revoked and unexpired official amateur radio license issued by the Federal Communications Commission. (FCC).

Title Requirements Ohio Certificate of Title issued in the same name as the FCC license, either singly or jointly, or the name on the FCC license is the same name on the lease agreement.



These plates may be issued to passenger vehicles, noncommercial trucks, recreational vehicles, house vehicles and noncommercial trailers.

Plates will be manufactured with the FCC license.

Amateur Radio plates cannot be issued with system assigned, reserved, or personalized plate formats.

Renewal of plates can be done at your local Deputy Registrar or by mail using their renewal notice. Amateur Radio License Holders must provide a copy of their current unexpired and un-revoked official amateur radio license issued by the Federal Communications Commission (FCC) at the time of any type renewal transaction.

All plates will be mailed directly to the address on your registration card unless customer requests otherwise. The deputy will issue your registration card, stickers and provide you with a permit which will allow you to operate your vehicle while your plates are being manufactured.

Special license plate applications are available at all Deputy Registrar license agency locations or can be downloaded by going to this link [http://www.bmv.ohio.gov/sp\\_amateur\\_radio.stm](http://www.bmv.ohio.gov/sp_amateur_radio.stm)

These plates cost an additional \$10.00 annually plus the normal registration fees. The fee is determined by Ohio Revised Code section 4503.14.

I'm always asking for input by members. The following questions may give you something to think about.

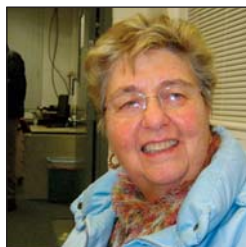
What was your first station?

How old were you when you got interested?  
and/or

How did ham radio shape your life?

Who was your First Elmer?

-ed







# July 2014

PREPAREDNESS LEADS TO READINESS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 Skywarn Net 8:30 P.M. 146.745	3	4 WRARC Net 9:00PM 145.270  	5   Happy Birthday KC3CTN 
6	7 ARES Net 8:30 PM 146.745 PL 110.9	8 Ham Breakfast Eat'n Park Boardman 8:30 A.M.  Board Meeting Eat'n Park Boardman 7:00 P.M.	9	10	11 WRARC Net 9:00PM 145.270  Elmers Net right after	12
13	14 Bastille Day  	15 WRARC Meeting 7:00P.M.	16	17	18 WRARC Net 9:00PM 145.270  Elmers Net right after	19
20	21 ARES Net 8:30 PM 146.745 PL 110.9	22 Eat'n Park Boardman 8:30 A.M. Ham Community Breakfast	23	24	25 WRARC Net 9:00PM 145.270  Elmers Net right after	26
27	28  WaveBender Articles Due	29	30	31	8/1 WRARC Net 9:00PM 145.270  Elmers Net right after	8/2