

Prez Sez...

Hi everyone,

So Field Day, July 4th, NOARSFest, and the West Park Radiops picnic have all come and gone. Summer is marching on. We still have possible events which can take us into fall, however. There is the State Park outing, on Saturday, September 10th, which is being talked up. I hope that we can put activities like that together.

Once again our list of programs for the second meeting of every month has fallen off. We need ideas and people to make the presentations. Maybe people could even bring a recent project or have a discussion on organizing club projects. There are many, many station accessory and test equipment projects that would benefit all of us. There are also some very nice transceiver projects that are very good performers on-the-air.

Let's think about it and please bring your ideas to the business meeting anytime.

Many thanks,
Al, N8CX Your President

WEST PARK PUBLIC SERVICE...

The next LCAC delivery will occur in November. In 2010 we helped LCAC three times. On May 7, 2011, N8CX, AF8C, K8VUS, and W8KH helped with LCAC Spring Cleaning supplies deliveries. In June as a club event we supported the North Olmsted All Scouts Weekend amateur radio demonstration on June 11. They want us back next summer. Summer is fast going away!

RECENT NETS & TALK...

For the Club's nets, 28450 kHz +/- and 147.36+, lots of discussions have been summarized in our almost weekly net reports. Our Skype check-ins have been working well with a few technical glitches now and then. Remote check-ins so far have been: K8GVK(MI), K3USC(FL), W8NNX (FL).

FIELD DAY 2012 ...

We are in need of ideas on how and where to conduct Field Day next year. Should we return to the Field? Should we go with only wire antennas? Should we have a generator and go with 100 watt operation? Think!

OHIO HOUSE BILL 158...

State Government Liaison Nick Pittner, K8NAP advises me that as of Tuesday, June 7, 2011, House Bill 158, which enacts sections 303.214, 519.214, 713.082, and 5502.031 of the Revised Code to codify federal restrictions on local zoning of amateur station antenna structures thereby preserving amateur radio service communications as a Homeland Security resource and to place the burden of proof for compliance on the zoning authority, has passed through the Ohio House of Representatives by a vote of 92 to 3.

The next stop for this Bill is the Ohio Senate, where it will be referred to a Senate Committee (yet to be determined). As more information develops, I will keep the Section informed via this e-mail reflector, and the Ohio Section Website (www.arrloho.org)

73, Frank Piper, KI8GW

Reminder: 97.23 Mailing address must be valid and current

Each license grant must show the grantee's correct name and mailing address. The mailing address must be in an area where the amateur service is regulated by the FCC and where the grantee can receive mail delivery by the United States Postal Service.

Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct mailing address.

OHIO QSO PARTY 2011...

CQ Ohio Hams! Stations from across Ohio are making plans to be on the air for one of the premier state QSO parties: the Ohio QSO Party (OhQP). We hope you will join the fun on Saturday, August 27.

People from around the world are seeking out Ohio stations in this event and it's a fun time for Ohio stations to be on the air and be the hunted station, or "DX". The OhQP occurs on Saturday August 27, 2010 from local noon to local midnight (12 short hours).

In the basic QSO exchange, Ohio stations send a consecutive serial number plus county, and non-Ohio stations (who can only work Ohio) send a consecutive serial number and their state, VE province, or "DX". Suggested frequencies are:

SSB 3825, 7200, 14,250, 21,300, and 28,450 kHz
 CW: 3545, 7045, 14,045, 21,045, 28,045 kHz

When you get on the air, try calling CQ in addition to searching and pouncing. Remember, everyone is tuning the bands looking for Ohio stations - your CQ's will be answered! Full details and an OhQP operating guide can be found on the official website at: www.ohqp.org.

This is a great event for a club activity or a training ground for new(er) hams. QSO rates are as high or higher than Field Day, and there's virtually no QRM in this event. Round up the club and have some fun. If you are in the mood to enjoy the great Ohio countryside, try operating portable or mobile from a rare county. Remember, the ultimate goal is to just get on the air and have some fun!

For a list of 400+ Ohio Clubs to promote turnout in the Ohio QSO Party (OhQP) see the OhQP website for rules, records and interactive reflector. www.ohqp.org

73 and we hope to hear you on the air,
 Kenny K2KW

Ohio QSO Party PR Coordinator
kenny.k2kw@gmail.com www.ohqp.org

OHIO STATE PARKS ON THE AIR...

The Portage County Amateur Radio Service, Inc. (PCARS) announces the 4th Annual "Ohio State Parks On the Air" (OSPOTA) contest to be held on Saturday, September 10, 2011, from the hours of noon to eight p.m. EDT (1600 UTC to 2400 UTC). 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>

In 2010, over half of the State Parks had operating stations and hundreds of Amateur Radio Operators (hams) from around the country participated in the event. With the success of OSPOTA 2010, we hope to have hams at every park in 2011.

This contest places a premium on working stations in the Ohio State Parks. That means that it is critical to have as many parks activated as possible. The challenge for Ohio stations will be to work HF in the 50 to 300 mile range. This is the perfect opportunity to learn more about the design and deployment of NVIS antennas. You can find numerous designs on the Internet as well as in various Amateur Radio antenna manuals.

Along with your operating skills, it will be a chance to showcase your antenna building skills as well. Individuals and clubs can operate Ohio State Park stations.

Non-park stations in Ohio as well as stations outside of Ohio can also compete. Contact can be made with CW, SSB, AM or digital on 80, 40, 20, 15, 10 and 6 meters and all contacts have the same point value. (Digital includes PSK-31, RTTY, etc.) Make sure that you read the FAQ's and don't forget to download the "ODNR Info" sheet to take with you on Sept. 10th in case any State Park staff has questions about the event.

The Rules for OSPOTA 2010 are posted on the OSPOTA Website: <http://parks.portcars.org> well before the event. So get to an Ohio State Park and get On The Air in September. Have some fun with this contest! Check back for future announcements about additional prizes. Learn more about PCARS at www.portcars.org.

<http://parks.portcars.org/ospota/index.php>

NEW MAGNETIC MATERIALS NEEDED...

Laptop computers use very slim hard drives. It became possible to manufacture the motors for those drives only after the development of especially powerful permanent magnets in the early 1980s. The manufacture of most high-performance magnets requires neodymium, a rare earth element that's in short supply. Almost all of the world's production comes from China, which has increasingly restricted exports to ensure that it has enough to satisfy its own needs. So the price of neodymium has been skyrocketing. If the trend continues, pretty soon we'll have a real crisis on our hands.

Nanoscale magnetic materials are on the short list for being possible materials for making new types of high-performance magnetic materials that will allow construction of our vital high-tech products without the use of neodymium. Physicists and materials scientists have invested enormous effort trying to find mixtures of elements that produce both high saturation magnetization and strong coercive fields. Materials can't be any more than 10 or 15 nanometers thick.

AMATEUR RADIO CRUISE-IN...

The Portage County Amateur Radio Service (PCARS) invites amateur radio operators from Northeast Ohio to join us on Wednesday, August 17th at our Third Annual Amateur Radio Cruise-In at the A&W Restaurant, 769 East Main Street in Ravenna. The event will run from 5:00-9:00 p.m.

This year there will be awards for the most unique as well as the ugliest mobile radio installation as well as a special award for the furthest DX contact made by a mobile HF station from the A&W between five and seven p.m. The awards will be presented around 7:30 p.m.

The Cruise-In is a lot of fun and a great way to show off that mobile installation that you are proud of and to learn more about how other hams have installed a variety of mobile rigs and antennas. Talk-in will be on the 146.895 (- offset, 110.9 PL) repeater. More information can be found at www.portcars.org.

We hope to see you there!

SOUTH SUDAN IS NOW A DXCC ENTITY...

At 10:18 AM (EDT) on Thursday, July 14, the UN General Assembly met to vote on whether or not to admit the Republic of South Sudan as its 193rd member state. The Republic of South Sudan was admitted by a vote of acclamation and is now a member of the United Nations. Immediately following the General Assembly meeting, the flag of the Republic of South Sudan flew for the first time in front of the UN, ceremoniously marking its membership in the UN.

Now that the Republic of South Sudan is a member of the United Nations, the new country is now a DXCC entity by way of Section II, 1(a) of the DXCC rules. The DXCC Desk will begin immediately accepting QSOs for this new entity, with a start date of July 14, 2011.

According to DXCC Manager Bill Moore, NC1L, the Honor Roll numbers move from 340 to 341 for the Top of the Honor Roll, and for Honor Roll it becomes 332. "The deadline for the Honor Roll and annual listings is

December 31, so you must submit the new entity to DXCC by then in order to retain your Honor Roll status," Moore explained. "For Logbook of The World (LoTW), you may submit all your QSOs with the Republic of South Sudan stations anytime. There is no need to hold them out of your log or do anything differently from what you already have been doing. You do not need to assign country names or identifiers. After we issue certificates to the Republic of South Sudan license holders, LoTW will make matches and assign the correct entities automatically."

[And the first call to be on the air was ST0R, running July 22 to August 10. - de AF8C]

FCC PRODUCT REGISTRATION ID NUMBERS...

Most of us own various electronic devices that the manufacturers could only sell to the public in the United States after performing various tests and paperwork to obtain an FCC ID code that shows that the device meets FCC emissions levels and frequencies. My most recent introduction to those numbers was due to the fact that we were going to raise our 5-month old grandson for a number of months and we started living the life of listening to the baby monitor receiver.

So I asked myself, why can't I just listen to the baby monitor transmitter unit on my amateur radio equipment? But first I needed to know the frequency and emission mode. So I turned one of the units over and copied down the FCC ID number.

Next was a trip to the Web. FCC IDs can be looked up at the URL:

<http://transition.fcc.gov/oet/ea/fccid/>

The information there is very interesting. You can find the name and address of the manufacturer or U.S. distributor (admit it - the stuff might have been manufactured in China!). That information is often hard to obtain any other way. And the frequency information is also there.

FYI the baby monitor appears to operate on FM in the 920- 925 MHz band.

NINE THINGS GOING AWAY...

(author unknown – received in email)

Whether these changes are good or bad depends in part on how we adapt to them. But, ready or not, here they come

1. **The Post Office.** USPS is so deeply in financial trouble that there is probably no way to sustain it long term. e-mail, Fed Ex, and UPS have just about wiped out the minimum revenue needed to keep the post office alive. Most of your mail every day is junk mail and bills.

2. **The Check.** Britain is already laying the groundwork to do away with checks by 2018. It costs the financial system billions of dollars a year to process checks. Plastic cards and online transactions will lead to the eventual demise of the check. This plays right into the death of the post office. If you never paid your bills by mail and never received them by mail, the post office would absolutely go out of business.

3. **The Newspaper.** The younger generation doesn't read the newspaper. They don't get a daily delivered print edition. That may go the way of the milkman and the laundry man. As for reading the paper online, get ready to pay for it. The rise in mobile Internet devices and e-readers has caused all the newspaper and magazine publishers to form an alliance. They have met with Apple, Amazon, and the major cell phone companies to develop paid subscription services.

4. **The Book.** You say you will never give up the physical book that you hold in your hand and turn the literal pages. I said the same thing about downloading music from iTunes. I wanted my hard copy CD. But I quickly changed my mind when I discovered that I could get albums for half the price without ever leaving home to get the latest music. The same thing will happen with books. You can browse a bookstore online and even read a preview chapter before you buy. And the price is less than half that of a real book. And think of the convenience!

5. **The Land Line Telephone.** Unless you have a large family and make a lot of local calls, you don't need it anymore. Most people keep it simply because they've always had it. But you are paying double charges for that extra service. All the cell phone companies will let you call customers using the same cell provider for no charge against your minutes

6. **Music.** The music industry is dying a slow death. Not just because of illegal downloading. It's the lack of

innovative new music being given a chance to get to the people who would like to hear it. Greed and corruption is the problem. The record labels and the radio conglomerates are simply self-destructing. Over 40% of the music purchased today is "catalog items," meaning traditional music that the public is familiar with. This is also true on the live concert circuit. To explore this fascinating and disturbing topic further, check out the book, "Appetite for Self-Destruction" by Steve Knopper, and the video documentary, "Before the Music Dies."

7. **Television.** Revenues to the networks are down dramatically Not just because of the economy. People are watching TV and movies streamed from their computers. And they're playing games and doing lots of other things that take up the time that used to be spent watching TV. Prime time shows have degenerated. Cable rates are skyrocketing and commercials run about every 4 minutes and 30 seconds.

8. **"Things" That You Own.** Many of the very possessions that we used to own are still in our lives. Today your computer has a hard drive and you store your pictures, music, movies, and documents. Your software is on a CD or DVD, and you can always re-install it if need be. But all of that is changing. Apple, Microsoft, and Google are all finishing up their latest "cloud services." That means that when you turn on a computer, the Internet will be built into the operating system. So, Windows, Google, and the Mac OS will be tied straight into the Internet. If you click an icon, it will open something in the Internet cloud. If you save something, it will be saved to the cloud. And you may pay a monthly subscription fee to the cloud provider. In this virtual world, you can access your music or your books, or your whatever from any laptop or handheld device.

9. **Privacy.** If there ever was a concept that we can look back on nostalgically, it would be privacy. That's gone. It's been gone for a long time anyway. There are cameras on the street, in most of the buildings, and even built into your computer and cell phone. But you can be sure that 24/7, "They" know who you are and where you are, right down to the GPS coordinates, and the Google Street View. If you buy something, your habit is put into a zillion profiles, and your ads will change to reflect those habits. And "They" will try to get you to buy something else. Again and again.

WEST PARK RADIOPS

LOG

PUBLISHED BI-MONTHLY BY WEST PARK RADIOPS AMATEUR RADIO CLUB, INC. ----
A NON-PROFIT SCIENTIFIC AND EDUCATIONAL CORPORATION, FAIRVIEW PARK, OHIO.
MEETINGS: WEST PARK RADIOPS ARC meets the FIRST and THIRD Friday evenings each month at
Ascension Lutheran Church, 28081 Lorain Road, North Olmsted, OH (across from North Olmsted Park) at 8 PM sharp.
Dues \$12/yr. We welcome anyone interested in amateur radio to our meetings.
We operate Monday night nets on 28450 kHz and 147.36 MHz Mondays at 9:00 p.m. local time.

<http://www.westparkradiops.org>
<mailto:w8vm@arrl.net>

W8VM

