

MARCH 2015 NEWSLETTER



CCARA Meetings

We meet on the 1st Tuesday of each month at 7:00 PM
Coshocton County Services Building
724 South 7th Street
Coshocton, Ohio 43812
(Basement Level)

EVERYONE IS WELCOME!

If you have program ideas; email or call one of the officers.

NEXT CCARA CLUB MEETING – MARCH 3rd

2015 CLUB OFFICERS

PRESIDENT: Mike Casey – NF8U
VICE PRESIDENT: Jamie Hoy – KC8YXY
SECRETARY: Will Parks – KC8PUW
TREASURER: Tom Cordes – KB8HEA

CCARA WEB SITE

Go To: www.w8cca.org

INDEX

[Club News Links](#)
[Learn More Nets & Repeaters](#)
[Newsletter Meetings & Minutes](#)
[VE Exams Officers](#)
[ARES What We Do](#)
[SKYWARN History](#)
[Swap & Shop Join or Update Shacks](#)



COSHOCTON COUNTY EC:
Steve Wheatcraft - AA8BN

COSHOCTON COUNTY AECs:
Dan Hardy - N8VV
Randy Fisher - KL7RF
Tom Cordes - KB8HEA



COARVET MANAGER
Steve Wheatcraft - AA8BN

NEWSLETTER
Ron Carns-N8KRR
n8krr@arrl.net

>>> For prior newsletters – www.w8cca.org

COSHOCTON COUNTY AREA NETS

Net - Frequency - Day - Time

Digital (fldigi) 2M 145.230(-)(w/440 link)
Wednesdays 2000 local (8PM)

CCARA 2M 147.045(+)
Sundays 2100 local (9PM)

ARES 2M 145.230(-)
Mondays 2100 local (9PM)

NECCo. 440* 440 443.5375(+)
Mondays After ARES Net

Johnny Appleseed 10M USB 28.450
Fridays 2100 local (9PM)

* = North East Coshocton County 440 Net

REPEATER Trustees

Club repeater - KL7RF
ARES repeater – KE8XM
440 repeater – KB9JSC

CLUB Trustees

AA8UA – Colleen
KC8ZWR – Mike
N8KRR – Ron



PREZ SAYS

March Club Meeting 3/3/15

Spring is coming (at least we hope so :)

Our CCARA club meeting for March will be held at the County Services Building on 7th St in Coshocton on March 3 at 7:00PM.

We are looking forward to setting our sights on outdoor activities, antenna work, and events.

Come to the meeting, fellowship with your fellow Coshocton County hams, and let's make some good plans for the club, the repeaters, fund raisers, and Field Day.

MEETING ATTENDANCE-2015

2015 Jan	2015 Feb	2015 Mar
NF8U	KC8PUW	
KC8YXY	KC8YXY	
WB8SJQ	N8VV	
KD8YTN	NF8U	
N8KRR	AA8BN	
WN8RGW	KD8YTN	
KC8PUW		

Dayton Hamvention May 15 – 17, 2015

The Dayton Hamvention hours are as follows:

Inside Exhibitors

Friday 5-15-2015 9:00 AM to 6:00 PM
Saturday 5-16-2015 9:00 AM to 5:00 PM
Sunday 5-17-2015 9:00 AM to 1:00 PM

Flea Market

Friday 5-15-2015 8:00 AM to 6:00 PM
Saturday 5-16-2015 8:00 AM to 5:00 PM
Sunday 5-17-2015 8:00 AM to 1:00 PM

ARRL Field Day 2015 Field Day Packet Now Online

The complete 2015 [ARRL Field Day](#) packet is now online. There are no rule changes for 2015. Field Day 2015 takes place June 27-28.

"Following a successful Centennial QSO Party with on-the-air activity at an all-time high, we are very excited for this year's event and hope that individuals and clubs will carry their enthusiasm over to Field Day," said ARRL Contest Branch Manager Matt Wilhelm, W1MSW.

ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups, or simply with friends to operate from remote

locations. Participants are encouraged to register their Field Day operations using the [FD Site Locator](#). Field Day gear will be available by March 1. If you have questions about Field Day, [e-mail](#) them, or call 860-594-0232.



ARRL Announces Free Exam Review Website

The ARRL has launched a new online resource that allows users to take randomly generated practice exams using questions from the actual examination question pool.

[ARRL Exam Review for Ham Radio](#)™ is free, and users do not need to be ARRL members. The only requirement is that users must first set up a site login (this is a different and separate login from your ARRL website user registration). <http://arrlexamreview.appspot.com/>

73

Dan

N8VV@arrl.net

View current Coshocton exam sessions opportunities at:

www.w8cca.org or visit

www.arrl.org/arrlvec/examsearch.phtml or

www.wcnet.org/~johnson/exams.txt

ARRL AMATEUR RADIO EXAM SESSIONS 2015

Conducted by the Coshocton Ohio Amateur Radio Volunteer Examiner Team, sponsored by the Coshocton County Amateur Radio Association, W8CCA Walk-in and pre registered sessions are available throughout the year.

Contact us for other dates and times to set up a session for you! All Exam elements available: The 2014 exam fee is \$15.00. Exact amount appreciated. Checks made out to ARRL/VEC are accepted too. A 2nd version of exam is available at VE discretion, time permitting. An additional \$15 is needed.

REQUIRED: > PHOTO ID (driver's license, passport) or, when no photo ID is available, two forms of identification must be presented (birth certificate, report card, library card, Social Security card, utility bill, bank statement, Non-photo ID/driver's license, etc). Students may bring a school ID card, minor's work permit, school report card, library card and/or a written note from a legal guardian. If you don't have ID, then no exam will be administered.

>**CURRENT ORIGINAL AMATEUR RADIO LICENSE and COPY, and ORIGINAL valid CSCE(s).** If

applicable, bring the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may hold from previous exam sessions. The photocopy(s) will not be returned.

If you already have a license, then you need your FRN number on the 605 application.

>**Social Security number or FCC issued FRN Already licensed, then you need the FRN number.**

(The FRN is viewable by doing a search for LICENSE at the FCC WTB ULS web page: <http://www.fcc.gov/wtb/uls> Bring your Social Security Number (SSN) or your FCC issued Federal Registration Number (FRN). VEC's are required by FCC to submit either your SSN or your FRN number with your license application form. If you prefer not to give your SSN, then you may use your FCC issued FRN, if you have one. For instructions on how to register your SSN with the FCC and receive a FRN, visit the ARRL web page: <http://www.arrl.org/fcc/uls101.html>.

>**Bring cash**, exact amount appreciated, check or money order to cover the exam session fee.

We have NCVEC 605 forms at session; Handicap Accessible; Copy machine is available.

Contact Person Colleen, AA8UA 740-622-5761

Email to: AA8UA@arrl.net

AA8BN, Session Mgr.



ARES Reporting From: Feb 18 QST N8KRR

Following up on Rick's article in last month's E-Letter on the importance of reporting on ARES activity I would like to share with our readers the HQ side of reporting.

ARES reports begin with the local Emergency Coordinator. Each month the EC submits a report to the SEC providing information on the health of ARES in their area of responsibility. This information comes from two forms; the EC monthly report and the public service activity report. The monthly report gives the overall picture of the local ARES group and the public service activity report gives details on

specific ARES activations. Additionally the EC submits to ARRL HQ an EC annual report.

The next level of reporting comes from the Section Emergency Coordinator. The SEC submits a monthly report to ARRL HQ based on the information; he/she receives from the DECs and ECs in their section. This is the report that HQ uses to determine how many ARES members there are in each section, number of nets, and how many hours were spent on various ARES activities.

When Amateurs go to local government agencies, whether to offer communications assistance, or to seek permission to put up an antenna, our role in emergencies and disasters is often a focal point. To back up our case requires data, specifically numbers that tell the story on what we do. This comes from the ARES report forms. They tell what we do locally, in our state, and nationally. Well...in an ideal world they do.

Unfortunately we have a reporting problem. I often hear from SECs that say their ECs are not reporting regularly either with monthly reports or activity reports; And the total number of EC annual reports received at HQ do not reflect the actual number of ECs in the field organization. Likewise we're not hearing from our SECs either. In 2013 only 32% of ARRL sections submitted an SEC monthly report. The reports received that year paint a picture of only 12,000 ARES members in the entire United States, that's less than 175 members per section. Not an impressive number at all, but we know it is not accurate and a better picture can be painted by estimating the amount of ARES activities in the non-reporting sections. Unfortunately it does not help us when we go to state or national partners and don't have accurate numbers to back up what we do. Granted we may never see 100% reporting, but we should see better reporting numbers than what we have in the past.

There are many causes of the reporting problem. Many sections have their own online resources for managing ARES, but generally these systems don't have a mechanism to provide data to ARRL HQ. On the HQ side our online forms need a tremendous amount of work. They lack standardization and data processing capability on the back end. These are issues we're working on and hopefully you'll see progress in the next few months. And finally, as I know from my own experience in the field organization, boredom is an enemy to reporting. Simply put, you're less likely to submit a report if nothing happened that month; and as we know missing one month's report makes it easier to miss the next month's report.

So, what do we need to do? Here at HQ we need to continue working to improve the reporting mechanisms for the field organization. At all levels of ARES we need to be better about submitting the necessary report, even when nothing is going on. These reports are useful at all levels to support the ARES mission. And all of this information needs to be more useful to all levels of ARES. -- *Mike Corey, K11U, ARRL Emergency Preparedness Manager*

The 2015 ARRL International DX Contest

SSB: 0000 UTC Saturday, March 7-

2359 UTC Sunday, March 8

Complete rules can be found at: www.arrl.org/arrl-dx

HAM RADIO IN COSHOCTON COUNTY

To find out more about local classes and how to proceed, give Randy (callsign: KL7RF), a call at: 740-545-7036, or send an email to him at: KL7RF@arrl.net

We'll be happy to get you started, get a class together for you, and mentor your progress while you learn about this hobby. Ham Radio is lots of fun, and is considered a "last resort" communication asset in times of natural or other disasters in our community and in our country. You are also welcome to come to one of our meetings to meet us and see what is happening. You can find out information on our meeting nights [Here](#).

SKYWARN

Remember the Penny

Criteria from NWS Pittsburgh;
SKYWARN spotters only need to report hail size of 3/4 inch, penny size or larger.

SKYWARN Nets

SKYWARN nets are held on the 145.230MHz (ARES) repeater whenever severe weather conditions threaten Coshocton County. There are several PDF files available below that you can download to help you be better prepared to assist the National Weather Service and Coshocton County as an amateur radio SKYWARN spotter. We encourage all ham weather spotters to join the net. **You are the eyes and ears "on the ground" in Coshocton, for the weather service.**

Warning Siren Testing

The seven (7) Coshocton County Outdoor Warning Sirens and EAS are tested every first Wednesday of each Month at 10:00 a.m. The seven (7) sirens are located at Conesville Fire Department, Coshocton City Fire Department, Canal Lewisville, Pleasant Valley, West Lafayette Fire Department, Bakersville Fire Department, and Warsaw Fire Department. The sirens are tested to raise public awareness and for maintenance.



TM

REMEMBER TO ENROLL IN CODERED Article from - THE COSHOCTON BEACON

The Coshocton County Sheriff's Office and the Coshocton County Office of Homeland Security and EMA continue to encourage citizens to sign up for the county mass notification system, known as CODERED.

The most common use of CODERED is for weather warning information, but the system has countless other public safety and general notification uses. In September 2013 the system was updated so that citizens could receive automatic weather warnings via **CODERED** Weather Warning. To date there are less than 17,000 numbers registered into CODERED and less than 4,000 numbers registered for CODERED Weather Warnings. To enroll, follow links found online at:

coshoctoncounty.net

coshoctonema.com and coshoctoncounty.net/sheriff

SHARING SCHEMES FCC SEEKS COMMENT ON RADAR that Could Displace Amateur Radio at 76-81 GHz

The FCC is seeking comment on issues involving expanded use of various radar applications in the 76-81 GHz band, which

Amateur Radio shares with other services. The band 77.5-78 GHz is allocated to the Amateur and Amateur Satellite services on a primary basis, and to the Radio Astronomy and Space Research services on a secondary basis.

"We undertake this proceeding to expand the available spectrum for radar operations in the 76-81 GHz band," the FCC said in a detailed *Notice of Proposed Rulemaking and Reconsideration Order (NPRM&RO)*, released February 5 in ET Docket 15-26. The Commission said the proposals include allocation changes as well as provisions "to ensure that new and incumbent operations can share the available frequencies in the band."

The FCC *NPRM&RO* is in response to a *Petition for Rulemaking (RM-11666)* filed in 2012 by Robert Bosch LLC and to two petitions for reconsideration of the Commission's 2012 *Report and Order (R&O)* addressing vehicular radar systems in the 76-77 GHz band. ET 15-26 incorporates earlier proceedings.



Among many issues, the FCC seeks comment on the possibility of reallocating the Amateur Radio and Amateur Satellite services from 76-81 GHz, and it asks for suggestions on "alternative spectrum that we might make available in this general region."

Bosch's 2012 *Petition* sought to modify the FCC's Part 15 rules to expand the operation of unlicensed vehicular radar systems from 76-77 GHz to the 76-81 GHz band to develop short-range radar (SRR) applications. The Bosch petition received "general support from the automotive industry," the Commission said. In its petition, Bosch said that it anticipated no interference issues between Amateur Radio operations and vehicular radar operations at 77-81 GHz. "It notes that it is unconvinced after several meetings with the technical staff of ARRL that there is any 'significant incompatibility,'" the FCC *NPRM&RO* recounted, "and describes how amateur operations in the band 'tend to be largely experimental, occurring in geographic areas such as mountaintops and other rural areas where motor vehicle operation is not typical.'"

The FCC noted, however, that it "has previously recognized evidence of potential interference conflicts" between Amateur Radio and vehicular radar systems in the 76-77 GHz band, and believes the potential for "similar compatibility issues" could exist above 77 GHz. More than 10 years ago the FCC suspended Amateur Radio and Amateur Satellite operation in the 76-77 GHz segment and recently extended the suspension.

"Our goal is to adopt rules that address amateur use, including Amateur Satellite use, within the 76-81 GHz band in a comprehensive and consistent manner," the FCC asserted.

The FCC said that to the extent commenter's believe Amateur Radio can continue to use the 4 millimeter band, it seeks comments on "what additional rule modifications we would have to adopt to realize successful shared use of the entire band." One possibility the FCC raised was altering current amateur power limits in that portion of the spectrum. The Commission said it also wants to "develop a record on the

types of amateur use, and the extent of such use, that is currently undertaken" at 4 millimeters.

ARRL Bulletin 7 ARLB007 From ARRL Headquarters Newington, CT February 17, 2015

To all radio amateurs

SB QST ARL ARLB007 ARLB007 FCC "Paperless" Amateur Radio License Policy Now in Effect

Starting today, February 17, the FCC no longer routinely issues paper license documents to Amateur Radio applicants and licensees. The Commission maintains that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS), although the FCC had routinely continued to print and mail hard copy licenses until this week.

In mid-December, the FCC adopted final procedures to provide access to official electronic authorizations, as it had proposed in WT Docket 14-161 as part of its "process reform" initiatives. Under the new procedures, licensees will access their current official authorization ("Active" status only) via the ULS License Manager. The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one. Licensees will also be able to print out an official authorization - as well as an unofficial "reference copy" - from the ULS License Manager. "We find this electronic process will improve efficiency by simplifying access to official authorizations in ULS, shortening the time period between grant of an application and access to the official authorization, and reducing regulatory costs," the FCC Wireless Telecommunications Bureau (WTB) said. According to the WTB, the new procedures will save at least \$304,000 a Ham Radio is lots of fun, and is considered a "last resort" communication asset in times of natural or other disasters in our community and in our country.

You are also welcome to come to one of our meetings to meet us and see what is happening. You can find out information on our meeting nights [Here](#).

Ohio NVIS Antenna Day

I can't wait to get into this one! April 25 is our official NVIS antenna day.

You can start now by thinking out your NVIS concepts, and even trying out some experiments.

From 10 to 2 on that Saturday we'll be making contacts with as many Counties (and surrounding states) as possible- not so much for QSO's but to actually build, try and compare NVIS antennas!

Ashtabula county, and ADEC Tim Price are experts in this endeavor, and they're putting together a great agenda for this day.

This is an open event, so I'd urge you to invite other club members (especially the antenna experimenter-guys) to get in on the action.

And, don't forget the grills, hamburgers and hot dogs! This is all about fellowship! **More** to come!

▲
Above from the Ohio Section Emergency Coordinator.
It is one among many other articles in the current Ohio section journal.

Coshocton County Amateur Radio Operators, mark this on your calendar.

AA8BN Coshocton county EC

Below From January 21, 2015 ARRL ARES email

▼
NVIS ANTENNA DAY IN APRIL: "SURE, BUT DOES THAT EMERGENCY ANTENNA REALLY WORK?"

We'll be happy to get you started, get a class together for you, and mentor your progress while you learn about this hobby.

*

Do not forget the digital net

Wednesdays 8PM local

145.230 MHz

FLDIGI

Or any other that we want to have fun with

Or just check in.....

William M Parks KC8PUW

ARRL's Logbook of The World Tops 100 Million QSL Records! 12/11/2014

The ARRL's Logbook of The World ([LoTW](#)) online "card-less" contact-confirmation service this week recorded a new milestone — 100 million QSL records out of some 630 million uploaded contacts.

That's an increase of more than 18 million QSL records since the end of last year. First described conceptually in the October 2001 QST "It Seems to Us..." editorial, Logbook of The World launched in September 2003. Since then, it has become an accepted Amateur Radio institution — perhaps not at the same level of traditional QSL cards, but close and gaining. The 100 million contact confirmations ARRL CEO David Sumner, K1ZZ, pointed out, is the equivalent of 200 million QSL cards. "If placed end to end, that many QSLs would reach more than 17,000 miles — not quite all the way around the world, but enough to qualify as a 'long-path' QSO," he quipped. ARRL CEO Harold Kramer, WJ1B, pointed out that using LoTW can mean a considerable saving in postage for DXers and others over the expense of exchanging QSL cards.

LoTW was an instant success. Within 2 weeks of its debut, the service already had some 2200 registered users and had confirmed some 51,000 contacts out of more than 8 million uploaded. The number of users today number more than 72,000 — up by nearly 10,000 this year alone.

Over LoTW's 11-year lifetime, many logging programs have incorporated features to enable them to interface smoothly with LoTW. Several awards programs, starting with the ARRL DX Century Club ([DXCC](#)) award, now rely largely on LoTW to determine whether an applicant has met the award's requirements. It's also made it easier for award seekers to track their progress. LoTW is the primary means to confirm ARRL [Centennial QSO Party](#) contacts. The service also supports [VUCC](#), [WAS](#), and [WPX](#).

LoTW is open to all; ARRL membership is not required in order to use LoTW. [Applying](#) for a digital certificate is the first step toward taking advantage of the system. The digital certificate authenticates the user's identity. The digital certificate is free, and LoTW only charges when users apply credits toward an award.

Once they have registered and have a valid certificate, users can digitally sign log uploads via the Internet. If the information in a submitted QSO matches the information submitted to LoTW by the other station, LoTW credits both operators and will display the submitted QSO as [confirmed](#).

A call sign certificate authenticates a specific, registered user as the source of each submitted contact, and other users may not see information submitted by other operators. This combination maintains the integrity of the contact verification process that has long been the hallmark of ARRL awards programs.

<http://www.arrl.org/news/arrl-s-logbook-of-the-world-tops-100-million-qsl-records>

Article fm: N8VV

Just Ahead in Radiosport

March 1-2 -- North Carolina QSO Party
March 2 -- OK1WC Memorial Contest (SSB, CW)
March 3 -- ARS Spartan Sprint
March 3 -- YL CW Party
March 4 -- CWops Weekly Mini-CWT Tests
March 4 -- John Rollins Memorial DX Contest (CW)

2015 CLUB NET ACTIVITY

JOHNNY APPLESEED NET

FRIDAY @ 2100 28.450 MHz

=====
January 2 2100 - 2124
NC: KB8KEU
KB8RAK WA8WAS WD8CHR KD8YTN WN8RGW

January 9 2100 - 2129
NC: KB8KEU
KL7RF WA8WAS WD8CHR WN8RGW KC8PUW KD8YTN

January 16 2100 - 2130
NC: WD8CHR
KC8DEY WA8WAS WN8RGW KC8PUW KB8KEU

January 23 2100 - 2127
NC: KL7RF
WD8CHR KC8PUW WN8RGW KB8KEU W8TJT KD8YTN

CCARA NET

SUNDAY @ 2100 147.045 MHz

=====
January 4 2100 - 2115
NC: KL7RF
N8KRR KD8YTN WB8SJQ AA8BN WN8RGW KC8YXY
KD8RDP

January 11 2100 - 2132
NC: KL7RF
KB8HEA WB8SJQ KC8PUW N8KRR KC8TNL WN8RGW
AA8BN WD8NEO KC8YXY KD8YTN KD8RDP

January 18 2100 - 2109
NC: N8KRR
KD8YTN KL7RF KB8HEA WN8RGW KC8YXY WB8SJQ
AA8BN (Portable)

January 25 2100 - 2116
NC: NF8U
KC8PUW KB8HEA WB8SJQ KD8YTN WN8RGW N8KRR
AA8BN KC8YXY
=====
February 1 2100 - 2108
NC: KL7RF
KD8YTN KC8YXY KB8HEA

February 8 2100 - 2116
NC: KC8PUW N8KRR KL7RF WB8SJQ WN8RGW KD8NEO
KD8YTN KC8YXY KD8LNA *echo link ALASKA*

February 15 2100 - 2111
NC: N8KRR
WB8SJQ KD8YTN KC8PUW WN8RGW KL7RF AA8BN
KC8YXY KD8LNA *echo link ALASKA*

February 22 2100 - 2116
NC: KC8PUW
N8KRR KL7RF WB8SJQ KB8HEA KD8YTN AA8BN KC8YXY
WN8RGW KD8LNA *echo link* ALASKA
=====

ARES COCONET
MONDAY @ 2100 145.230 MHz
=====

January 5 2103 - 2112
NC: AA8BN
WB8SJQ N8KRR KD8YTN KC8YXY

January 12 2100 - 2106
NC: WB8SJQ
AA8BN N8KRR N8VV KC8YXY
KD8YTN KL7RF

January 19 2100 - 2106
NC: N8KRR
KC8PUW AA8BN WB8SJQ N8VV
KD8YTN KC8YXY KB8HEA
January 26 2100 - 2115
NC: N8VV
N8KRR AA8BN WB8SJQ KL7RF
KD8YTN NF8U KC8YXY
=====

February 2 2100 - 2112
NC: NF8U
N8KRR AA8BN WB8SJQ KC8PUW
KD8YTN N8VV KB8HEA KC8YXY

February 9 2100 - 2109
NC: WB8SJQ
N8KRR KB8HEA KD8YTN AA8BN
N8VV KD8NEO KC8YXY

February 16 2100 - 2113
NC: N8KRR
WB8SJQ N8VV AA8BN KC8PUW
KL7RF KD8YTN KC8YXY

February 23 2100 - 2115
NC: N8VV
WN8RGW KD8YTN KB8HEA N8KRR
WB8SJQ KC8YXY N8MXX
=====

NECCo 440 NET
MONDAY (after ARES COCONET) 443.5375 MHz
=====

January 5 2114 - 2116
NC: AA8BN
WB8SJQ KC8YXY

January 12 2108 - 2110
NC: WB8SJQ
N8VV KL7RF

January 26 2116 - 2121
NC: N8VV
AA8BN WB8SJQ KL7RF NF8U
KC8YXY
=====

February 2 2114 - 2119
NC: KC8PUW
AA8BN KB8HEA N8VV WB8SJQ
NF8Y KC8YXY
February 23 2116 - 2121
NC: N8VV
WB8SJQ KC8YXY KB8HEA
=====

_ LOG ON TO _
WWW.W8CCA.ORG
FOR - info about "COSHOCTON
COUNTY AMATEUR RADIO CLUB