NET ACTIVITY: **KEN: MONDAY 3.972.5 2330Z** **KDN: TUESDAY 3.587 0030Z** **KYN CW: DAILY 3.537 0100Z** **STATEWIDE DMR: 7PM CDT - Thursday Evening "STATEWIDE** **DStar 6PM CDT REF56B** **----------** **SM: w4nho@arrl.net** **SEC: VACANT** **STM: kc4bqk@arrl.net** **ACC: VACANT** **TS: n9ky@arrl.net** **OOC: gary.k7ek@gmail.com** **PIO: w0qi@icloud.com** **KYHAM: admin@kyham.net**	**KENTUCKY NEWS** **KENTUCKY SECTION MANAGER** **STEVE MORGAN W4NHO** **OWENSBORO KY 42301** **HAPPENING OF THE MONTH** **MARCH 2019**	

HAMFEST SEASON 2019 HAS BEGUN

The first Saturday of March always draws a crowd of amateur enthusiast to a tourist town located off I 65, noted for other things beside the Cave City Hamfest and that is Mammouth Cave itself.

Visitors come from maybe a 150 sq mile area or more anxious to dust off the cobwebs of boat anchors or other non used items that has been collected over the winter.
Cave City has been providing good ole Southern hospitality to the amateur community for over 40 years. Visitors travel far a wide to just visit and hang out with folks they talk to on the air waves. What makes Cave City special, it is the first Hamfest in Kentucky to start the season and maybe a little bit of cabin fevor plays in it too.

Many that attend the Hamfest do so almost ritually every year which has made this hamfest a great success for the Cave City Amateur Radio Club. Making it a ritual affair applies to vendors as well which includeTower and Debco Electronics among others in attendance. Hamfest welcomed Walker Communications out of Madisonville this year. Brian has established himself in Western KY and is dealer for many items for the radio amateur including Alinco and Yaesu products.

Part of attending the Hamfest is being a part of forums which included the ARRL forum, 3.861 group as well a forum on Yaesu system fusion communications by Odis Carroll W4IOD. Each forum provided unique information for the radio amateur.
In attendance this year was ARRL Great Lakes Director Dale Williams WA8EFK along with KY Section Manager Steve Morgan, W4NHO.

Figure 1 GL DIR Dale Williams WA8EFK

Both individuals provided an update on current issues that were happening with League and the radio amateur. Hot topic during the discussion included ARES Connect and its implementation in Kentucky. All participants were encouraged to have their information correct in regards to their county, level of training if any and their station capability. For individuals that have not registered please do so at the following link: https://arrl.volunteerhub.com/lp/ky.

There is something for every amateur whether you are a League member, newly licensed or a seasoned operator in ways to serve your community.

New classes are being offered through the League right now, EC-001 and EC-016. Both classes are without charge to the radio amateur. However, EC-016 requires special qualifications for enrollment.

Gary Kohtala K7EK OOC was the fortunate winner of a 2018 handbook this year. In reference to Gary, the OO program is being phased in with the FCC with Riley Hollingsworth, former FCC enforcement engineer. FCC should release in the near future where the program is heading. If interested in the OO program, please give Gary a shout mailto:gary.k7ek@gmail.com

---

CLUB OF THE MONTH WILL RETURN NEXT MONTH – STAY TUNED

New ARRL Podcast Geared Toward Newcomers to Amateur Radio Debuts Today

A new ARRL podcast aimed newcomers to Amateur Radio will launch on Thursday, March 7. Called, "So Now What?," the podcast will alternate new-episode weeks with the "ARRL The Doctor is In" podcast. "So Now What?" will focus on answering questions and providing support and encouragement for new licensees to get the most out of the hobby. Co-hosting "So Now What?" will be ARRL Communications Content Producer Michelle Patnode, W3MVP, and W1AW Station Manager Joe Carcia, NJ1Q. The podcast will explore questions that newer hams may have and the issues that keep newcomers from remaining active.

"No other podcast is really aimed at this segment of the Amateur Radio community... that is being underserved, that is not getting the answers to the many questions they

have," said ARRL Communications Manager David Isgur, N1RSN, who will serve as the podcast's executive producer.

"So Now What?" will be sponsored by LDG Electronics.

Topics to be discussed in the first several episodes include getting started, operating modes available to Technician licensees, VEC and licensing issues, sunspots and propagation, mobile operating, contesting, Amateur Radio in pop culture, and perceptions of Technician license holders.

As with "ARRL The Doctor is In," listeners will be able to find "So Now What?" on Apple iTunes, Blubrry, or Stitcher (free registration required, or browse the site as a guest) and through the free Stitcher app for iOS, Kindle, or Android devices...or wherever you get your podcasts. Episodes will also be archived on the ARRL website.

From ARRL Letter March 7, 2019.

Demand is High as New ARRL Introduction to Emergency Communications Courses Open

The ARRL Lifelong Learning Department has launched a revised and updated *Introduction to Emergency Communications* (EC-001) course, and demand to sign up is prompting the recruitment of additional course mentors to expand the schedule. Registration just opened for the first of four EC-001 online sessions, which will run from Monday, April 1, until Friday, May 31.

"The demand for this course has exceeded our projections, and the four sessions scheduled for 2019 are already filling quickly," ARRL Lifelong Learning Manager Kris Bickell, K1BIC, said. "This course is designed to be interactive with mentors guiding each session, so we're seeking additional mentors and will schedule more course sessions as quickly as possible. Thanks for your patience as we expand capacity for this updated version of EC-001." Bickell is developing a notification list to alert those who didn't get into the first round of courses when a new round of sessions becomes available.

The new EC-001 course has been beta-tested by course mentors and transferred into a new online learning platform. With the closing last year of the Connecticut Distance Learning Consortium (CTDLC), EC-001 lost its virtual home and was taken offline. At that point, the ARRL Emergency Preparedness and Lifelong Learning teams started exploring short- and long-term alternatives to offer the course. After careful evaluation and review, a decision was made to move the course to a more modern learning management

system called Canvas, which will be used while the new Lifelong Learning Initiative program is under development. EC-001 will eventually become a part of a comprehensive online learning environment.

EC-001 is designed to provide basic knowledge and tools for emergency communications volunteers. With the online format, students can access the course at anytime from anywhere.

"We're very excited to be able to offer *Introduction to Emergency Communications* EC-001 once again," Bickell said. "The Emergency Preparedness staff here has been incredibly helpful as we've worked together to get the course back up and running. Input from previous EC-001 mentors has been an invaluable part of the testing phase. The timing is right to put the course back online."

EC-001 is designed to provide basic knowledge and tools for emergency communications volunteers. With the online format, students can access the course at anytime from anywhere during the 9-week period and may work at their own pace and on their own schedule. As in the past, students will be able to register and take the course entirely online. The Canvas platform is also mobile-responsive, meaning that students can view the course materials, interact with fellow students, and complete assignments from any mobile device.

ARRL Lifelong Learning Manager Kris Bickell, K1BIC. [Michelle Patnode, W3MVP, photo]

Individual EC-001 sessions will serve up to 30 students, supported by an experienced mentor. Courses are free of charge. To be eligible, students must meet certain prerequisites, listed on the registration page. The registration page includes the entire 2019 schedule of EC-001 sessions.

From ARRL Letter March 7 2019

KY SKYWARN CONDUCTS EXERCISE WITH NWS MARCH 6

he Kentucky Amateur Radio Emergency Service (KYARES) – District 9 conducted a SKYWARN-specific Amateur Radio Emergency Communications Training Exercise (or CommEx) for Central and Southeast Kentucky. The timing of the CommEx took advantage of Severe Weather Awareness Week for the Commonwealth of Kentucky from March 1 through 7, 2019, and the statewide Tornado drill on March 6, 2019. The purpose of the CommEx was two-fold. First, to familiarize amateurs with the updated SKYWARN protocol for the County Warning Area in East Kentucky that will be used beginning on April 1, 2019. (The protocol (in a PDF) can be found in this link here and on the NWS-Jackson, KY SKYWARN page at https://www.weather.gov/jkl/spotter.) The second purpose was to provide a plausible story-line or scenario that would demonstrate how the protocol would be implemented.

The coverage area for District 9 is the same as that for the twelve counties that make up the Kentucky Division of Emergency Management – Area 9. They include Bell, Clay, Estill, Harlan, Jackson, Knox, Laurel, Lee, Owsley, Powell, and Whitley counties within the NWS-Jackson County Warning Area (CWA) and Madison County in the NWS-Louisville CWA. (see maps below)

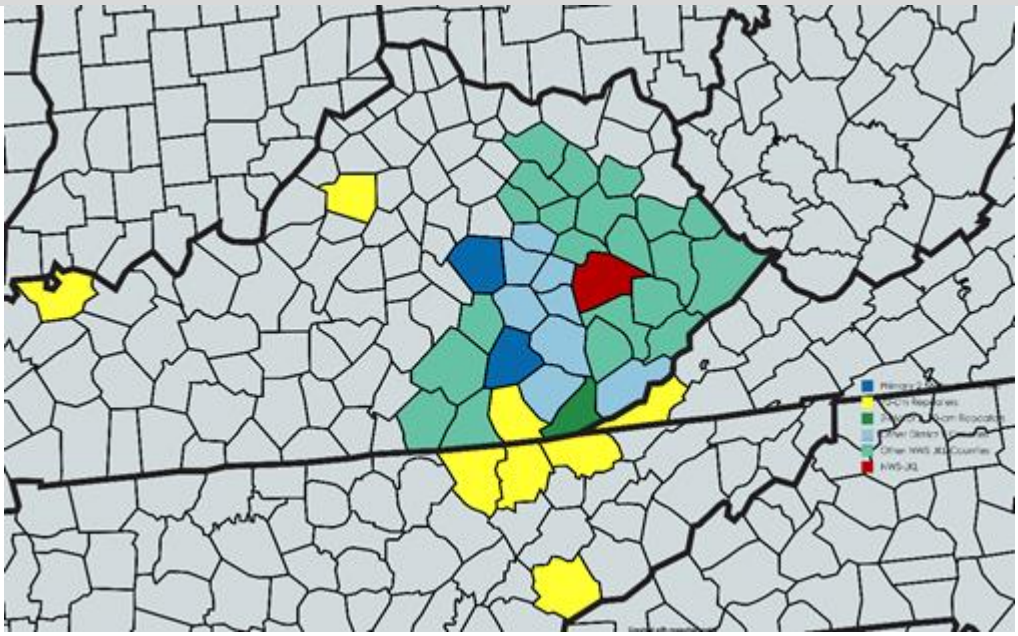
Given the expanse and topography of the exercise area, it was necessary to utilize multiple repeaters on the amateur radio two-meter band (144-148 MHz) to facilitate the CommEx and to allow the Jackson Weather Office, if desired, to monitor the exercise on their 2-Meter FM transceiver located within the operations area. Scheduled for use was the KE4GJG repeater located in London on a frequency of 147.180 MHz, the WA4YZY repeater in Pineville on a frequency of 146.835 MHz in the southern part of the district, and for the northern part of District 9 in East Central Kentucky, the KE4YVD repeater in Richmond (located within the Louisville CWA) on a frequency of 145.370 MHz.

These three two-meter band repeaters offer a Voice Over Internet Protocol, or VOIP, capability known as EchoLink. EchoLink, like other VOIP methods such as the Internet Radio Linking Project (IRLP), allows for interconnecting of multiple amateur radio repeaters ranging from across the state to around the world via amateur radio and the Internet. One of the best advantages with EchoLink is the capability to access linkable repeaters from a desktop PC, or by using a free app available only to licensed amateur radio operators on a tablet or smartphone device. The shortcoming to using this or any other VOIP method is that it does require a working Internet infrastructure, to include a power source (i.e., commercial, battery, and/or solar) to the repeater site. This limitation came to fruition with the Richmond repeater, as it was off-line during the CommEx timeline. Still, despite the problem with the Richmond repeater, there were nine other

repeaters that did the link, via IRLP, to the London repeater all of which were on the amateur radio 70-cm or UHF band (420 to 450 MHz). These repeaters (and the respective NWS office) included:

- KB4PTJ in Williamsburg (JKL) on 444.050 MHz and linked to a separate UHF repeater on the same frequency in Shelbyville (LMK);
- AJ4G in Middlesboro (JKL) on 442.325 MHz and near Jonesville/Ewing, VA (MRX) on 442.575 MHz;
- WA4ROB near the Cumberland Gap of KY, TN and VA (JKL & MRX) on 442.850 MHz;
- KB4PNG near Caryville, TN (MRX) on 444.550 MHz;
- N4ABV near Maryville, TN (MRX) on 444.850 MHz and near Louisville, TN (MRX) on 443.375 MHz, and
- WA4GDU near Henderson (PAH) on 444.725 MHz.

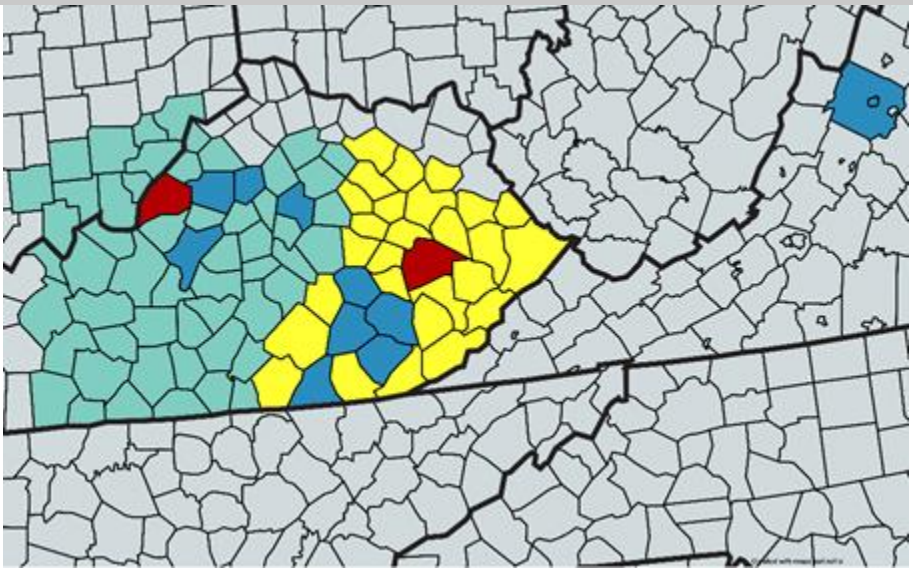
All told, eleven VHF and UHF repeaters were in use for the exercise. (see map below.)



The scenario for the CommEx consisted of several scripted events that began with the National Weather Service Storm Prediction Center in Norman Oklahoma at 9:45 AM EST issuing an *Exercise Tornado Watch* effective until 11 AM for all 120 counties in the Commonwealth of Kentucky as part of the Statewide Tornado Drill for Severe Weather Awareness Week. Conditions given for the CommEx were extremely favorable for the development of severe thunderstorm, tornadoes and torrential rain in the watch area as a powerful cold arctic front approached from the northwest ahead of the warm, humid air and tropical-like weather conditions that was coming into the area from the Gulf of Mexico. ***[Exercise Message #1A]***

Spotter information statement: Spotters were encouraged to report any weather conditions meeting severe criteria to net control for passage to the local national weather service office. For ARES District 9 counties, the SKYWARN Net was **set to Condition Green** and all available ham radio operators were advised check in at the time. ***[Exercise Message #1B]***

Check-ins during the CommEx were received from KM4VHI (Knox County), KM4VHJ (Knox County), K5CPT (Shelby County), KS4WM (Clay County), N4UUH (Laurel County), KM4KXG (Knox County), KE4YRI (Shelby County), KE4KNE (Laurel County), KB4ITK (Nelson County), WD4HXE (Franklin County), KB4PTJ (mobile in Laurel County), W4IOD (portable in Fayette County), KI4WMP (McCreary County), and KI4TOI (Augusta County, Virginia). KB9LXH (Jackson County) was the CommEx net control station for a total of 15 amateur radio operators participating. (see map below.)



Participating Counties

Counties in the JKL CWA

Counties in the LMK CWA

County where the area NWS Office is located

At 9:57 AM EST, the National Weather Service in Louisville Kentucky issued an ***EXERCISE*** *Severe Thunderstorm WARNING* effective until 10:15 AM EST for the following counties… In Central Kentucky, Boyle, Marion, Mercer, Nelson, and Washington; and in South Central Kentucky, Adair, Casey, Clinton, Cumberland, Green, Metcalfe, Monroe, Russell, and Taylor. The scenario had progressed to doppler radar indicating a complex line of thunderstorms that produced winds in excess of 60 mph, hail up to 1" in diameter and frequent cloud to ground lightning that stretched in a north-south line from 12 miles west of Bardstown in Nelson County to near the Kentucky-Tennessee border ten miles southwest of Tompkinsville in Monroe County moving east at 35 mph. This was a radar indicated threat. Spotters were also advised the Tornadoes was also possible with this line of storms and that they may occur with little or no advance warning. Persons in the path of these storms were advised of the need to take cover. ***[Exercise Message #2]***

At 10:00 AM EST, the National Weather Service in Louisville, Kentucky issued an ***EXERCISE*** *Severe Thunderstorm WARNING* effective until 10:15 AM EST for the following counties… In Central Kentucky, Boyle, Casey, Garrard, Jessamine, Lincoln, and Madison. In South Central Kentucky, Casey, Clinton, Cumberland, Garrard, Green, Lincoln, Metcalfe, Monroe, Russell, and Taylor. The scenario further progressed to where multiple reports from local law enforcement and trained spotters had sighted a line of thunderstorms moving into the warned area that caused considerable damage to the area. ***[Exercise Message #3A]***

Shortly after this message was sent, the National Weather Service in Jackson Kentucky issued an***EXERCISE*** *Severe Thunderstorm WARNING* until 10:30 AM for the following counties: In South Central Kentucky, McCreary, Rockcastle, Pulaski and Wayne and for the following counties in Southeast Kentucky: Jackson, Knox, Laurel, and Whitley. The scenario here was that doppler radar had indicated a line of thunderstorm capable of producing winds in excess of 60 mph and golf-ball size hail in a line from 10 miles north of Danville to Dale Hallow Lake on the Kentucky-Tennessee border.

The SKYWARN Net in ARES District 9 was then **set to Condition YELLOW**. All spotters in the warned area were advised that, from a safe location, to be on the lookout for gusty winds in excess of 60 mph, golf-ball size hail and frequent cloud to ground lightning. Spotters were also reminded that tornado watch also remained in effect in the warned area. Spotters that were not affected by this warning was to maintain radio silence, unless directed by net control or if they had emergency traffic involving a threat to life.***[Exercise Message #3B]***

At 10:09 AM EST, the National Weather Service in Jackson, Kentucky activated the Emergency Alert System on NOAA Weather Radio for an ***Exercise*** *Tornado Warning*.

At 10:09 AM EST, the National Weather Service in Louisville KY issued an ***EXERCISE*** *Tornado WARNING*until 10:30 AM for Madison County in Central Kentucky. At 10:05 AM trained spotters reported a tornado was on the ground just outside of Kirksville in Western Madison County moving east-northeast toward the Richmond area. ***[Exercise Message 4A]***

Also, at 10:09 AM EST, the National Weather Service in Jackson KY issued an ***EXERCISE*** *Tornado WARNING* until 10:45 AM for Jackson, Knox, Laurel, Rockcastle, and Whitley counties in southcentral and southeast Kentucky. At 10:07 AM, multiple reports from law enforcement and trained spotters reported several tornadoes were on the ground outside Level Green, Laurel River Lake, Camp Wildcat, and Cumberland Falls State Park. These tornadoes were all moving in a general east to northeast direction toward the cities of London, Corbin, Mount Vernon, Renfro Valley, Keavy, Levi Jackson State Park, Annville and McKee. ***[Exercise Message #4B]***

The SKYWARN Net in the counties ARES District 9 affected by the ***EXERCISE*** *Tornado Warning* was then set to **Condition Red**. All spotters in the warned area were advised that from a safe location to be on the lookout for tornadoes on the ground, funnel clouds, wind gusts in excess of 60 mph, golf-ball size hail and frequent cloud to ground lightning. Spotters not affected by this warning were further advised to maintain radio silence, unless directed by net control or if they had emergency traffic involving a threat to life.***[Exercise Message #4C]***

By 10:15 AM EST, the scenario had improved. The National Weather Service had allowed all ***EXERCISE****Tornado WARNINGS* for Jackson, Knox, Laurel, Madison, Rockcastle, and Whitley counties to expire or were cancelled. The ***EXERCISE*** *Tornado Watch* for all counties in the Commonwealth of Kentucky was also cancelled. All repeater owners and trustees as well as all amateur radio operators were thanked for their participation in the CommEx with all repeaters that were used in the CommEx returned to normal amateur radio use. ***[Exercise Message #5]***

As with all exercises, there is an after-action report (AAR) that should be done in accordance with acceptable emergency management practices. Given the distance of

all parties who participated, a face to face review of events and the protocol was not feasible. In order to facilitate viewpoints, however, a questionnaire was sent to all participants with valid email addresses. They were asked to fill out and email back their responses to kb9lxh@outlook.com by no later than Saturday, March 9, 2019.

Since this was the first of many future SKYWARN Communication Exercises, the main foci we were looking for was an appraisal on the protocol in general and views on the how the exercise was conducted so that improvements can be made. Also, we asked that the respondents provide any comments that they felt would be helpful to the Amateur Radio-SKYWARN program for the National Weather Service office in Jackson.

The following series of questions were asked specifically about the SKYWARN Communications Exercise (CommEx) that the amateur radio operators participated in on Wednesday, March 6, 2019.

1. *How satisfied were you with the SKYWARN CommEx?*
2. *Do you plan to participate in future SKYWARN Communication Exercises? If so, why?*
3. *How can we improve for the next SKYWARN CommEx?*
4. *Do you plan to participate in future SKYWARN Communication Exercises? If so, what did you like the most about today's SKYWARN CommEx?*
5. *Based on the CommEx alone, how likely are you to recommend to another amateur radio operator about participating in an Amateur Radio-SKYWARN CommEx?*
6. *Do you have any other suggestions or comments that you would like to share?*

Survey Results:

Excluding the net control station/exercise coordinator, out of 14 participants, only 10 had known email addresses available. Out of those 10 emails sent, 3 did not send a response, 2 email addresses were rejected, the rest (5 total) replies to the questionnaire were received.

1. This question revealed two amateurs who were "very satisfied" and two who were "somewhat satisfied". The other respondent noted that most counties had at least one station check-in but indicated there should have been more participants than the 15 who did take part.
2. The likelihood for future participation indicated that all participants planned to take part in future SKYWARN Communication Exercises.

3. Improvements for future CommExs ranged from practice in traffic handling/interaction between spotters and the net control station to spreading the word over-the-air during weekly nets and on social media.
4. Reason given on why participants liked the March 6 CommEx indicated several explanations. These included:
    - Range of participation
    - Color code conditions was a good idea
    - A way to test equipment under different environments and conditions
    - Color code conditions was very well formatted and informative plus the idea of a large area of counties were represented in the CommEx.
5. The survey indicated that all participants from the March 6, 2019 CommEx would encourage other amateurs to get involved in future exercises.
6. Other comments/suggestions for improvement were given and include:
    - More drills/practice and include the use of simplex operations, and
    - Improve on messaging (use of social media and word of mouth advertising (on-the-air)

The next series of questions were asked specifically about the updated protocols that are to be implemented on April 1, 2019 for the NWS-Jackson County Warning Area (East Kentucky – see the link here):

1. *How satisfied were you with the SKYWARN/Amateur Radio protocols found on pages 2 - 5?*
2. *Does using a color condition level help you understand what would be happening during an actual SKYWARN net activation?*
3. *How can we improve the protocol?*
4. *What did you like the most about the protocol?*
5. *Based on the protocols, how likely are you to recommend to other amateur radio operators about participating in the East Kentucky Amateur Radio-SKYWARN program?*
6. *Do you have any other suggestions or comments that you would like to share?*

Survey Results:

Questions asked as they pertain to the protocols were sent to only those participants in the Jackson County Warning Area who participated in the CommEx. Again, excluding the net control station/exercise coordinator, there were only seven participants from the East Kentucky County Warning Area that took part in the CommEx and had an opportunity to review the protocols. From this seven, one did not have a known email address and two did not respond back to the questionnaire with the remaining four amateurs who did respond.

1. Three respondents were “very satisfied” with the protocol. One respondent may have confused this question with one asking to rate the protocol. That person rated it “a four out of five”.
2. All the respondents indicated they understood what the condition color levels were and what they meant. *Note – In the email sent there was an inadvertent reference to the “Stand-by Status” as “Condition White” which two of the respondents pointed out.*

3. Suggestions on improvement to the protocols ranged from “nothing noted” to “more practice and training”.
4. Comments on what was liked the most about the protocol included:
    - Clear articulation
    - Clarity on each level
    - Color conditions
    - Color conditions provide spotters better information on what the stage was in the system.
5. Based on the protocols, all respondents indicated they would “very likely” or “highly likely” recommend other amateurs to become involved or more involved with the East Kentucky SKYWARN program.
6. Questions or comments shared concerning the protocol ranged from “none” to a request for different scenarios in future training exercises.

Summary

Overall, the March 6 SKYWARN Communications Training Exercise was, in my opinion, successful. Admittedly, the idea of having a SKYWARN-specific Training CommEx was conceived only a few days before it actually took place and was announced on the weekly SKYWARN net as a “tentative” event. This limited the number of amateurs who knew in advance who might have otherwise been able to take part. However, since many times we may not always know when weather conditions warrant initiating a severe weather net, the results were good for a first of its kind exercise. It is thought that improved notification of training exercises far enough in advance will yield more participation.

With regard to the updated protocol, the results were also limited in scope. Again, this was due to the low number of participants who took part in the CommEx. Nevertheless, early indications demonstrate the protocol has merit and should proceed with full implementation with a minor change. That includes making the “stand-by status” level color coded as with the other status levels. The term “Condition White” would seem to be the most appropriate.

In closing, my thanks to you for your continued support of the East Kentucky Amateur Radio-SKYWARN program and to all the amateurs who not only had an opportunity to see the updated protocol in action but also participated in the CommEx. Please refer any questions or comments you may have to my contact information listed below.

Respectfully,

Joe Warren/KB9LXH OES, District 9

KENTUCKY EMERGENCY NET – OPERATIONAL TRAINING

LADIES & GENTLEMEN:

KEN, "Kentucky Emergency Net" meets every Monday evening at 7:30 EDT on 3.972.5 Khz, except certain holidays for the purpose of providing continuity for stations to check their operational equipment on a weekly basis, operate under adverse conditions, move traffic into and out of state of Kentucky and provide liaison to Kentucky Emergency Management throughout the state.

Recently, acting SEC Steve Morgan W4NHO, requested stations to familiarize themselves with the operational software, Winlink for the purpose of moving email type traffic via HF,VHF, or the internet when available. The software provides excellent opportunity for agencies to move operational traffic regardless of the current operability of their facility using ICS forms when required. Information regarding Winlink can be found here: https://winlink.org/

Figure 2 Mr Roy Herman, W8QAS - KEN NCS

Purpose of our training is to provide stations with the opportunity to learn software and procedures under training conditions where the operator learns at their own pace. The goal for this training is to have stations prepared to participate in an upcoming exercise with Kentucky EMA and other states toward the end of May, regarding earthquake preparedness and moving traffic under simulated emergency conditions. More details will be provided on the operational exercise in the near future. More training will be forth coming and all stations are welcome to participate. Tune in and give NCS Roy Herman a shout and above all help us grow KY ARES to the level we know it is capable. Have fun and learn.

More Mentors Needed for New ARRL Emergency Communications Course Sessions

03/11/2019

High interest in the recently announced updated ARRL Introduction to Emergency Communications (EC-001) course is prompting a call for additional class mentors to help meet the demand, which ARRL Lifelong Learning Manager Kris Bickell, K1BIC, says "exceeded our projections." As Bickell explains, the course is designed to be interactive, with volunteer mentors guiding each session.

"We appreciate the work of the mentors to make EC-001 an interactive experience for the participants. The real-world emergency communications experience they bring to the course is very important to the learning process," Bickell said. "We look forward to bringing in more mentors to help ARRL expand the reach of this valuable emergency communications training." Bickell has developed a waiting list for prospective EC-001 students, who will be notified as additional sessions are scheduled.

The EC-001 course covers the broad range of radio communication technologies, communication techniques, and emergency management skills necessary in helping served agencies respond to and recover from disasters.

EC-001 mentors should be ARRL members and active, experienced General class or higher Amateur Radio licensees, and at least 18 years old. Mentors should have experience in public service communication and in Amateur Radio Emergency Service (ARES) activities and come with the recommendation of their Section Managers.

In addition to the EC-001 course, prospective mentors should have completed **ICS 100, 200, 700, and 800**; the **FEMA Professional Development Series**, and National Weather Service **SKYWARN**® training. Professional experience in emergency response or communication and as a trainer or educator is desirable, with interest or experience in distance learning. Candidates should possess sufficient computer skills, be able to interact with online-course students and with other mentors, and be able to maintain adequate computer equipment.

Appointment as an ARRL Field Instructor or as a mentor for the ARRL Public Service Communications training program is for 3 years, renewable based on satisfactory performance as an active instructor/mentor and the successful fulfillment of all current qualifications and requirements.

Field Instructors and mentors are expected to maintain their qualifications and adhere to all guidelines and standards of conduct for volunteers representing ARRL.

Apply online to become an ARRL mentor. For more information, contact ARRL Emergency Preparedness Assistant **Ken Bailey, K1FUG**, (860) 594-0227.

ARES REPORTS FOR FEBRUARY 2019

ARES COUNTY	MANHOURS	COMMENTS
CALLOWAY CO K4CHW	410.6 HOURS	Another busy month for the Monday night 2 meter net hosted by the MSU ARC on 146.940 (PL 91.5). We've added several newly licensed hams in the last month, and have others studying for upgrades. We were scheduled to handle radio comms for the WKY Polar Plunge, but the ice storm in the Jackson Purchase on Feb. 16th rendered no need for radio assistance. 73! K4CHW (this is an amended report as I inadvertently chose 2018 as my initial reporting year)
TRIGG CO KJ4TKL	8	Nets include

		MSUARC,TRICOUNTY ARES,KEN; KEN check in by email due to high noise level, the other 2 sessions the noise level was also to High. But it is not fair NEC to keep up with several different methods of check in. Local members drive put on hold with no active SEC,however will look at this later.
WARREN CO KK4AVI	24	Assembled go kits for the HEART Group and worked on Winlink Network.
HARDIN CO K8MYN	70.25	Lack of registration, cancelled Technician class scheduled for Lebanon KY March 16,17,23 2 + 1 day schedule. Preparation for auxiliary communications booth display Dixie Fire School March 8, 9, 10 at ECTC.
HENRY CO NG0O	65	Monday Night Net check In's were up and third Monday night did Simplex Net followed by Net on UHF Repeater 443.425. Did check ins for ARES Nets in surrounding Counties as well as Thursday night DMR Nets. Attended Shelby County Club Meeting as well as participated in EMA Conference call 2/16. Replaced Coaxial ends on Coax at EMA office 2/18. And did Monthly check on Digi-Peater at Health Dept.
SHELBY CO K5CPT	185.5	Four nets this month with extended to 3 frequencies on third Wednesday. Two monthly meetings. Working on a one monthly meet change, with trainings and service help to members and others who ask. Clean up, antenna, tower build and cable replacement already on the list.
DISTRICT 4 KE6YCW	4	Was Net Control for 4 Nets. Attended the Oldham County ARES meeting.
CAMPBELL CO KC4KEZ	8.5	KEN - Monitoring DMR for KEN on Monday evenings. Added Fusion Capabilities.

DISTRICT 6 AB4WS	40	KEN K4CO KY DSTAR KY DMR and other nets remotely from Florida. Kept up with communications on resignation of SEC and other administrative duties while out of town.
BOYD CO KY4TVS	26	Boyd ARES Volunteers participated with Boyd County EM with ICS-300 and ICS-400 training between the end of January and through February.
GREENUP CO KG4EAB	40	still reorganizing working jointly with boyd county ares
KNOX CO KM4VHI	4	Advanced SKYWARN training on Feb. 4 Alternate NCS for SKYWARN net Feb. 10 Redbud Warmup meeting Feb. 18 Participated in weekly SKYWARN and ARES D9 nets, and attempted participation in KEN. Continued recruiting participants for radio support in Redbud Warmup
MADISON CO KO4OL	144	This reports includes the Wilderness Trail Emergency Net (WTEN)which meets Wednesdays at 2030 Eastern Time on 146.715 and also serves Madison and surrounding counties. There was local flooding in the area due to heavy rain and local roads temporarily closed, but no ARES Nets were needed. No damage reported via ARES stations.

NTS REPORTS

NET AND NM	# NETS	TOTAL CHECK-INS
WILDERNESS TRAIL KO4OL	4	58
KY EMERGENCY NET W8QAS	4	130
KY CW NET KYN W4NHO	20	49
HARDIN CO W8WN	3	31
HENRY CO NG0O	14	39
OLDHAM CO KE6YCW	4	34

SHELBY CO K5CPT	4	71
PERRY CO KK4IFF	8	76
HARLAN CO KC4FNV	4	52
MADISON CO KO4OL	4	51

PSHR REPORT

CALLSIGN TOTAL NET POINT TOTAL

KO4OL	40	110
K5CPT	7	77
W4NHO	30	80
WB4ZDU		10

Welcome Ray Smith, WB4ZDU as new NM for KY CW Net effective March 1.KYN meets daily at 9 pm EDT on 3.537 Khz come and join us.

UPCOMING HAMFESTS

SEVIERVILLE TN MAR 30
ELIZABETHTOWN APRIL 6
LETCHER CO "WHITESBURG" APRIL 13
ASHLAND KY APRIL 27
DAYTON HAMVENTION MAY 17-19
PRINCETON KY JUNE 1