WARRICK COUNTY ARES/RACES

June 2020 Update

Meetings…

The Warrick County ARES/RACES group meets on the second Monday of each month. The meeting begins at 6:30pm and generally is completed by 9:00pm. The meetings are held on the third floor of the Court House in the EMA Conference room. Anyone needing additional information concerning meetings or location contact: Chris L. Owen at KC9CLO@gmail.com .
** We will be holding the July 13th meeting in the EOC. For those that are not comfortable with the in person meeting, Steve (K9SRC) will get a virtual meeting set up and send instruction on how to participate before the meeting..****

At this month's meeting we will be discussing the 4H special event and making a few decisions on what it might look like.

Red Cross Radio Drill…

On May 30, The Red Cross teamed up with ARES Chapters to Activate Shelters in our area. The scenario for the event was:

"Sporadic power outages have occurred in numerous locations throughout the United States. This means no internet and no cell service in the affected areas. Red Cross is standing up shelters.

Thanks to intel, it was known two days in advance that an attack was coming so the Red Cross and ARES had been alerted.

Participating hams will set up at "Shelters" (not really, everyone will be at home), receive requests from Shelter Personnel to transmit 6409 etc RC forms interstate to a receiving station where there is power and internet."

Participants from the Warrick County ARES Group included: Dave Sandine (KC9UVG), John Williamson (KD9KEG), Dennis Slow (KC9SFP), Ron Lile (K0RL), James McWhorter (KF4LXS), and Steve Connaughton (K9SRC).

The participants of the exercise exchanged multiple messages via WinLink. This drill was kept simple due to many of the operators involved not being accustomed to sending the messages.

Another drill is being planned for the fall of 2020. Prior to the event, training will be given on how to send and receive messages through the WinLink program. Several suggestions were made at the last meeting to help prepare for the next event. A few of the suggestions are:

- Set up a Warrick ARES Wellness Net for weekly checkins.
- Practice with using the forms in WinLink to become more familiar with them.
- Send messages with and without the use of a radio.
- Check into multiple Nets that are held on a weekly basis.

Anyone wishing to see the operators that participated in the US use this link:
https://www.qsl.net/kw4shp/ARES-ARC-Ex/WinlinkMap.html.

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ARRL Field Day 2020…

Field Day this year was held on June 27th & 28th. The location was Boonville City Park. The Ohio Valley Amateur Radio Club hosted the event and invited the Warrick County ARES-RACES group to participate. There were a total of 6 ARES-RACES operators present during the event. Multiple pieces of equipment and processes were tested during the event. Some of the equipment tested included Go Boxes, Computers, Networking, Multiple types of Antennas, Tri-plexers (Coverage of 10,15, 20, 40, 80 meters on one antenna), Headset Adapters, PI Interfaces with Radios, Solar Charging Systems, and multiple types and brands of batteries.

The processes that were used for the first time at Field Day this year included Video/Audio Streaming via Twitch. Through the use of Twitch the club maintained open communications with persons throughout the US during the entire event. WinLink was also used during the event for the first time. Messages were sent to the ARRL Indiana Section Emergency Coordinator, Mayor Charlie Wyatt, Red Cross Rep, ARES Assistant Coordinator, and the Director of Warrick County EMA. The messages were sent via radio during the event. Reply messages were received from all persons but one.

The Field Day exercise allowed the operators to try new tools. These tools will give the ARES_RACES group more capabilities if they are called upon to set up communications during an emergency.

Newburgh Fireworks…

With everything being canceled, here is an event that is still happening. The Newburgh Fireworks are still taking place. Steve (K9SRC) has received the following from his contact and reached out to the Vanderburgh County Auxcom

"Last week we got the thumbs up from the police and fire departments to move forward with the planning of the event for September 5. Everything will be the same as other years, but the fireworks will be at approximately 8pm instead of 9pm since sunset is earlier in September than July."

"We are being asked to man the volunteer parking, turnaround (which I assume is the second parking area we did last year) and the security zone. This will require several people. I encourage you to mark this date on your calendar and make plans to work this event.

I've also reached out to Vanderburgh county Auxcom to request their help, making this a joint event. There is interest among their membership to be involved."

Auxcom Trailer…

Work continues on the Auxcom Trailer. There are several items still needing to be as weather permits. Some of these items can be completed with the COVID-19 restrictions in place. Contact Steve at scouuaug@gmail.com to gain access to the trailer.

If you have any of these items that you would like to donate to the Group it would be greatly appreciated.

Auxcom trailer needs

- Plywood in doors need replacement (back doors $31^{1/2}$" X $66^{3/8}$", Side door 31 ¼" X 57 ¼")
- Seal Roof (Sealant available in EMA barn)
- Mast marked for max extension and locking rings glued
- Finish upper clamp for mast
- Wireless mounting, device
- Lights moved to separate Power Supply
  ~~Need about a 10 amp supply for this. Might be able to adapt an old PC or other 12v supply.~~
- Tools (There are some of these tools in an existing tool set. Please verify need before purchase)
  - ~~DIGITAL MULTIMETER~~
  - LED Flashlight
  - Allen Wrench set, SAE and Metric
  - Combination Wrench set, SAE and Metric
  - ~~Screwdriver Set, can be interchangeable bit type~~
  - Adjustable Wrench set
  - Small Channel Lock pliers
  - ~~Diagonal Cutter~~
  - ~~Basic wire stripper~~
  - Hammer for tent pegs
  - Basic Soldering iron and Solder
- RF Adaptor set
  - SO-239 UHF Female SO239 Jack to BNC Male Plug Adapter
  - BNC Female Jack to UHF Male PL-259 Plug Adapter
  - N FEMALE JACK TO PL-259 UHF MALE PLUG ADAPTER
  - SO-239 UHF Female SO239 Jack to N Male Adapter
  - 6" UHF SO239 Female Jack to SMA Male Pigtail Jumper Cable RG316 SO-239
  - 6" UHF SO239 Female SO-239 Jack to SMA Female Plug Pigtail Jumper Cable RG316
  - SMA Female Jack to UHF SO-239 Female SO239 Jack Adapter
  - SMA Female Jack to UHF PL-259 Male Plug Adapter
  - BNC Female Jack to SO-239 UHF SO239 Jack Adapter
- Video Adaptor set
  - HDMI FEMALE TO MINI-HDMI C MALE ADAPTER, 1080P 6"
  - HDMI Digital Video Female to Female Coupler
  - Male DVI-D to Female HDMI Digital HDTV Video Adapter

- o Female DVI-D to Male HDMI Digital Reverse Video Adapter
  - o HDMI Male to VGA Female Monitor Active Adapter W/ Audio Out
  - o Mac Mini DisplayPort Male to HDMI Female Adapter, White
  - o PC DP DisplayPort Male to High Definition HDMI Female Adapter Cable
  - o HDMI Female Jack to Micro HDMI Male Adapter, 1080p 6"
  - o HDMI Male to Male Digital Video Cable - 25 Ft V1.4 4K
- Cat5 cable
  - o ~~CAT5e RJ-45 Ethernet Patch Cable 350Mhz - 1 Ft. (10)~~
  - o ~~CAT5e RJ-45 Ethernet Patch Cable 350Mhz - 50 Ft.~~
- Misc supplies
  - o 20W LED FLOODLIGHT OUTDOOR YARD FLOOD COOL WHITE LAMP BARE WIRE 12VAC – DC (2)
  - o Coax Jumper cables (2 need to be low loss at 800 MHZ)
  - o Crimp on UHF-MALE PL-259 PLUG RADIO CONNECTOR
  - o RV type TV antenna
  - o RV Travel Trailer Entry Door Lock Polar White Paddle Deadbolt (Amazon $25.99, Would be nice to have installed before winter field day)
  - o Ropes and hardware to guy mast. 3 sets min needed. (This would include carabineer to fit the mast guy blocks, tent stakes or other anchor and turn buckle for fine adjustments)
  - o Storage for guy ropes. (Stuff bags or other storage)
  - o Mike hanger clips (Yaesu style)
- Appliances and Furniture
  - o 2 rolling Office chairs (small)
  - o .7 Cu Ft Microwave
  - o 2.7 Cu Ft or smaller Refrigerator

Note, Many items available from www.wiredco.com

WinLink Net…

"Indiana Winlink Wednesday started in January this year so we just had our 26th session. Today we had 16 check-ins. The net works using Winlink. On tuesday, a message is sent to your station regarding the check-in information that is requested on Wednesday. Then anytime on Wednesday 0000 thru 2359 local time, you send in the requested information. On Thursday, a confirmation message is sent out and you check into the website, https://qsl.net/k9atp/IWW . Mark K9ATP set up this website for Indiana Winlink Wednesday and runs the site. The site has only been up for a few weeks...

Anyway, sometimes the NCS asked for general check-ins, ICS-213 forms, weather snap shots....etc. The idea of the net is to use and get familiar with Winlink Express. We ask that all check ins leave your station over RF.   We discourage the use of Telnet /Winlink because this defeats the purpose of the net. Of course, any licensed operator can check in any way they can. So using VHF or HF is acceptable.

The good thing about the Net is you have anytime on Wednesday to check-in."

WARRICK COUNTY ARES/RACES

Calendar of Events 2020…

- Red Cross Radio Drill   Complete
- ARRL Field Day 2020   Complete
- Warrick County 4H Fair   Cancelled
- W4H Special Event   Pending
- National Night Out   August 4th
- Newburgh Fireworks   September 5th

ARES Net…

The Warrick County ARES-RACES net meets each Thursday night at 7:30 pm on the Boonville Repeater. The frequency of the repeater is 147.075 MHz with a pl tone of 88.5. If you are unable to run the net on your scheduled date please find someone to cover for you. Thanks to all.

The net schedule for the second half of 2020 is as follows:

K0RL	RON	LILE	07/09/2020	K0RL	RON	LILE	10/08/2020
K9SRC	STEVE	CONNAUGHTON	07/16/2020	K9SRC	STEVE	CONNAUGHTON	10/15/2020
KT9B	RICK	WILLIAMS	07/23/2020	KT9B	RICK	WILLIAMS	10/22/2020
KC9UVG	DAVE	SANDINE	07/30/2020	KC9UVG	DAVE	SANDINE	10/29/2020
KB9DOI	WAYNE	HOWARD	08/06/2020	KB9DOI	WAYNE	HOWARD	11/05/2020
W9KHP	RAYMOND	EDGE	08/13/2020	W9KHP	RAYMOND	EDGE	11/12/2020
AE9OZ	MIKE	KOESTER	08/20/2020	AE9OZ	MIKE	KOESTER	11/19/2020
KC9OUT	RON	HANES	08/27/2020	KC9OUT	RON	HANES	11/26/2020
KC9CLO	CHRIS	OWEN	09/03/2020	KC9CLO	CHRIS	OWEN	12/03/2020
W9TPJ	TOM	PAYNE	09/10/2020	W9TPJ	TOM	PAYNE	12/10/2020
KD9MHC	DON	HARRIS	09/17/2020	KD9MHC	DON	HARRIS	12/17/2020
KD9KEG	JOHN	WILLIAMSON	09/24/2020	KD9KEG	JOHN	WILLIAMSON	12/24/2020
KK7XT	BILL	CUNNANE	10/01/2020	KK7XT	BILL	CUNNANE	12/31/2020

Everyone Stay Well and until next time..

73's
Chris L Owen (KC9CLO)
Public Information Officer
Warrick County ARES/RACES group
KC9CLO@gmail.com
812.217.0282

WARRICK COUNTY ARES/RACES

Amateur Radio VE Testing:

The Ohio Valley Amateur Radio Club will be holding VE testing at the Warrick County EOC. The next testing will be…

July 11th at 9:00 a.m.

At the Old Boonville Courthouse
3rd Floor
Entrance will be through the North lower level doors
Signs will be posted guiding the way
The cost for the test is $10.

WHAT TO BRING WITH YOU TO THE
AMATEUR RADIO TEST
Two forms of identification, including at least one photo ID
(Drivers license, Employer's identity card, or a Student ID)
A calculator
Your FCC Federal Registration Number (FRN)
Information here:
https://www.fcc.gov/wireless/support/universal-licensing-system-uls-resources/getting-fcc-registration-number-frn

Upgrade Exams:
Your current Original License and a photocopy
Any original "Certificate of Successful Completion of Examination" (CSCE) and a photocopy.
Your FCC Federal Registration Number (FRN)

For Additional Information
Chris L. Owen (KC9CLO)
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