WARRICK COUNTY ARES/RACES

May 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 .
Due to the restrictions in place during the Covid-19 isolation, meetings will be held via Virtual Meetings.

May meeting…

The meeting this month was delivered by Steve Connaughton (K9SRC). The meeting was held via "Webex". During the meeting Jason Bradshaw (KC9OGD) presented the outline for the May 30th Red Cross exercise. Len Schmitt (N9QVQ) discussed the requirements for programming and setting up Winlink for transfer of Red Cross documents during the exercise. The meeting was finished with a showing of a film covering the installation and use of WinLink. The link to the the film is https://www.youtube.com/watch?v=3gdwsV9_ca0.

Indiana QSO Party…

Warrick County had a good turn out for the 2020 Indiana QSO Party. Anyone participating, remember to submit your logs to inqp@hdxcc.org.

The members of the group utilized dipoles, beams, and verticles. The radios were located in go boxes, mobiles, and houses. Power was from the grid, solar, battery, and generator. The bands covered included 10m, 20m, 40m, and 80m. This was and excellent showing of the diversity of the cappabilities of the operators and equipment.

This year the operators went into the contest with the knowledge that due to the Covid 19 restrictions, operators would be operating as individuals. In this situation, where isolation and improvision were needed, the members of ARES/RACES group have proven communicaiotns can be maintained.

Red Cross Radio Drill…

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

"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.

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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."

Overall Goals of Drill:
- ✓ Engage Red Cross Chapters with our local/regional ARES chapters along lines of the MOU, in order to strengthen and develop that relationship.
- ✓ "Activate*" shelters in our areas, in order to further develop our connections between amateur radio ops and Red Cross sheltering folks.
- ✓ Practice passing Red Cross forms (Safe and Well, 6409, etc.) over RF via the ARC Message Utility (aka Winlink using tiny flmsg files).
- ✓ Generate a "proof of concept" to show our Red Cross higher-ups what amateur radio can do for the Red Cross in the absence of internet, cell and commercial power infrastructure.

Repeater Usage…

(Going into the spring weather season this information is worth repeating)

The Group discussed repeater usage during times of an emergency, such as the recent tornado. It was observed that there were a few people chit chatting on the Boonville repeater when a Warrick County ARES/RACES team member was trying to check on the welfare of others. It was decided the best way to control the traffic on the repeater would be to start a **"Welfare Net"**. This net could be started by any ARES/RACES member when a significant event occurs that results in substantial damage or high probability of injury. Although not limited to these events, the most common would be tornados or Microbursts/Straight line winds. Members could check in with their status should help be needed and anyone that has emergency traffic could check in with that traffic. This is not intended to replace the Weather Net that runs on the TARS (146.790) repeater but to augment it.

Auxcom Trailer…

Work continues on the Auxcom Trailer. There are several items still needing to be completed 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
  - Female DVI-D to Male HDMI Digital Reverse Video Adapter
  - HDMI Male to VGA Female Monitor Active Adapter W/ Audio Out
  - Mac Mini DisplayPort Male to HDMI Female Adapter, White
  - PC DP DisplayPort Male to High Definition HDMI Female Adapter Cable
  - HDMI Female Jack to Micro HDMI Male Adapter, 1080p 6"
  - HDMI Male to Male Digital Video Cable - 25 Ft V1.4 4K
- Cat5 cable
  - ~~CAT5e RJ-45 Ethernet Patch Cable 350Mhz – 1 Ft. (10)~~
  - ~~CAT5e RJ-45 Ethernet Patch Cable 350Mhz - 50 Ft.~~
- Misc supplies
  - 20W LED FLOODLIGHT OUTDOOR YARD FLOOD COOL WHITE LAMP BARE WIRE 12VAC – DC (2)
  - Coax Jumper cables (2 need to be low loss at 800 MHZ)
  - Crimp on UHF-MALE PL-259 PLUG RADIO CONNECTOR
  - RV type TV antenna
  - 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

ARRL Field Day 2020…

The State is beginning to open up slowly. As it does plans for Field Day 2020 are being looked at daily. The parks are still at a limited use status. As the guidelines are issued, more capabilities will be looked at. The plan is still to use what we have learned from the Covid-19 situation and apply it to the Field Day operations.

Many of the club members are currently members of the Warrick County ARES/RACES group and could be called upon for each person's abilities. Should we use Field Day to research what would be involved to activate in today's current situation? Are we prepared to isolate from the other members of the club and set up what is needed to operate independently? Is each person's equipment kept ready to deploy? Are you trained sufficiently to integrate into the ARES/RACES way of operating? The list of questions goes on.

Calendar of Events 2020…

• Red Cross Radio Drill	May 30th
• ARRL Field Day 2020	June 27 – June 28
• Warrick County 4H Fair	July 13 – July 18
• National Night Out	August 4th
• Newburgh Fireworks	September 5th

ARES Net…

Effective March 5th, the Warrick County ARES Net was rescheduled to Thursday nights at 7:30pm going forward. Due to activities and other nets taking place at the same time as the current schedule, the members opted to move the net to this day of the week. The net schedule for the first half of 2020 is as follows:

~~W9KHP~~	~~Raymond~~	~~Edge~~	~~2/11/2020~~	~~KD9KEG~~	~~John~~	~~Williamson~~	~~4/23/2020~~
~~AE9OZ~~	~~Michael~~	~~Koester~~	~~2/18/2020~~	~~KA9INN~~	~~Scott~~	~~Taylor~~	~~4/30/2020~~
~~KC9OUT~~	~~Ron~~	~~Hanes~~	~~2/25/2020~~	~~KD9MOS~~	~~Dorthy~~	~~Taylor~~	~~5/7/2020~~
~~KC9CLO~~	~~Chris~~	~~Owen~~	~~3/5/2020~~	KK7XT	William	Cunnane	5/14/2020
~~KC9SFQ~~	~~Tom~~	~~Payne~~	~~3/12/2020~~	KT9B	Rick	Williams	5/21/2020
~~KO9MHC~~	~~Don~~	~~Harris~~	~~3/19/2020~~	KC9UVG	Dave	Sandine	5/28/2020
~~KA9INN~~	~~Scott~~	~~Taylor~~	~~3/26/2020~~	KB9DOI	Wayne	Howard	6/4/2020
~~K0RL~~	~~Ronald~~	~~Lile~~	~~4/2/2020~~	KC9SFP	Dennis	Slow	6/11/2020
~~KC9SFP~~	~~Dennis~~	~~Slow~~	~~4/9/2020~~	W9KHP	Raymond	Edge	6/18/2020
~~K9SRC~~	~~Steve~~	~~Connaughton~~	~~4/16/2020~~	AE9OZ	Michael	Koester	6/25/2020
				KC9SFP	Dennis	Slow	7/2/2020

ARES/RACES…

The Amateur Radio Emergency Service (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization, is eligible for membership in the ARES. The only qualification, other than possession of an Amateur Radio license, is a sincere desire to serve. Because ARES is an amateur service, only amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership. (ARRL Public Service Communications Manual)

The Radio Amateur Civil Emergency Service (RACES) is a public service provided by a volunteer group within government agencies in times of emergency. During periods of RACES activation, certified unpaid personnel are called upon to perform many tasks for the government agencies they serve. Although the exact nature of each activation will be different, the common thread is communications. The Federal Emergency Management Agency (FEMA) provides planning guidance and technical assistance for establishing a RACES organization at the state and local government level.

Please note that the above paragraph come from qsl.net. Go to https://www.qsl.net/races/what.html *to read more.*
Read more about the difference between ARES and RACES from AARL:
 http://www.arrl.org/ares-races-faq

Everyone Stay Well and until next time..

73's
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Warrick County ARES/RACES group
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812.217.0282

WARRICK COUNTY ARES/RACES

Amateur Radio Testing Postponed:

The Ohio Valley Amateur Radio Club will be **Postponing** testing at the Warrick County EOC until further notice.

Due to the pandemic which has taken hold throughout the country,
The Ohio Valley Amateur Radio Club…
Will be postponing testing sessions until a time in the future when
the government feels it is safe to resume.

Have patience and monitor our announcements for
a schedule of Testing Sessions
in the near future.

On behalf of the Ohio Valley Amateur Radio Club

BE SAFE

BE WELL

For Additional Information
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