



The club's LLC status has been dropped, moving toward a Corporation so we can become a 501c3. Amazon Smile contributions will be set up once we get 501c3 status. David reiterated that we need folks to step up to help with the club.

David went over the upcoming meeting topics:

Feb.: Classic Radios and Collections.

Mar.: CES wrap up.

Apr.: MMDVM Souther Indiana system

May: Radio astronomy using DirecTV receiver and dish.

Jun: Auction

David also reminded that Field day is coming up in June. It will be held at the same location as last year.

Mark, W9MGB, announced that on January 26 the Satern group will be doing Winter Field Day. Lunch will be at 1:00, with operating starting at 2:00. This will be held at the Salvation Army EDS Training Facility, 4020 Georgetown Road.

Dave, K9RTT, announced that Hendricks County will be having their annual hamfest on Feb. 9 at the Hendricks County Fairgrounds.

Next, David introduced Charlie Dawes, AC9FN, for his talk about Mesh networks. Charlie said he has always been interested in comms of all kinds. He wanted to do VOIP in the field. He had three different networks running in the room, on battery power. Mesh Networks are "self learning" and "self healing". Running in Optimized Link State Routing. Basically, the 3 demo systems in the room were set up independently, and found each other. Charlie wanted to remove the need for central coordination. These systems are independent of each other. Broadband Ham net and ARDEN are the two main ham based systems. In order to make the systems ham based, the commercial equipment needs to be modified, voiding manufacturer warranties, and possibly destroying the equipment. Still bound by Part 97 rules, even though digital comms. For this reason, Charlie seldom connects these to the internet. Broad Band Ham Net standard gear is not updated, still using older gear. The ARDEN gear is more up to date.

After Charlie's interesting and informative talk, David asked for new hams.

John, WB0HTP, introduced his son Joe, KD9LSJ, and 9 year old grandson James, KD9LSK, who are both newly licensed.

The meeting was adjourned at 8:41 pm.

## **Ham Radio News:**

### **APPLICATIONS IN LIMBO WITH GOVERNMENT SHUTDOWN**

The FCC is not processing any Amateur Radio applications as the partial government shutdown continues. For radio amateurs, the shutdown means that while the Universal Licensing System (ULS) continues to accept applications for all valid purposes, the FCC will not review or act upon them until the funding stalemate is resolved. This includes Volunteer Examiner Coordinator test session batch files as well as modification, renewal, and vanity call sign applications filed by individual licensees.

For more information, point your browser to <http://www.arrl.org/news/amateur-radio-applications-in-limbo-as-partial-shutdown-continues>

### **CLASSES STARTING IN HENDRICKS COUNTY JAN. 30**

The Hendricks County Amateur Radio Society will be hosting amateur radio license classes starting January 30, 2019, and ending with license testing on March 13, 2019.

This is for anyone who wishes to obtain a Technician class amateur radio license or upgrade to General class license only.

This class will be every Wednesday night from January 30 through March 13 at 7:00 to 9:00 pm.

Classes will be held at the Hendricks County Senior Services Center, 1201 Sycamore Ln., Danville, IN.

Registration will be at the January 30 session.

The Technician class will use the ARRL Tech Q & A book 7th Edition available from Amazon or ARRL for \$9.99 for Kindle, \$17.95 in Paperback versions.

The General class will use the ARRL General Q & A book 5th Edition available from Amazon or ARRL at the same prices as Technician book. The current General question pool will be effective through June 30, 2019; starting July 1 there will be a new set of questions in the General pool.

For more information, email: [hearshamclass@gmail.com](mailto:hearshamclass@gmail.com)

## **ARRL LoTW TOPS 1 BILLION QSOs**

As of December 19, more than 1 billion contact records have been entered into ARRL's Logbook of The World (LoTW) system. And, while 1 billion QSO records represents a significant milestone, a more important statistic may be the nearly 187 million contacts confirmed via LoTW over its 15-year history.

LoTW debuted in 2003 after a lot of behind-the-scenes planning and development. Initially LoTW got off to a slow start. While user numbers gradually grew to about 5,000, a lot of hams didn't fully understand what LoTW was or how it worked, and opening an account could be cumbersome.

For the complete article, point your browser to <http://www.arrl.org/news/arrl-s-logbook-of-the-world-tops-1-billion-qso-records>

## **UPCOMING INDIANAPOLIS AREA TESTING SESSION**

Franklin IN 46131-9733  
Sponsor: Mid-State ARc  
Date: Jan 19 2019  
Time: 9:30 AM (Walk-ins allowed)  
Contact: Scott W. Nelson  
(812) 320-2790  
Email: [scott@w9dba.com](mailto:scott@w9dba.com)  
VEC: LAUREL MD  
Location: REMC Bldg

750 International Dr  
Franklin IN 46131-9733

Noblesville IN 46060-1624  
Sponsor: Central Indiana ARA  
Date: Jan 19 2019  
Time: 10:30 AM (No Walk-ins / Call ahead)  
Contact: Joe March  
(317) 224-9433  
Email: jmarch54@att.net  
VEC: ARRL/VEC  
Location: Hamilton Cty Emer Operations Ctr  
18100 Cumberland Rd  
Noblesville IN 46060-1624

Indianapolis IN 46254-2407  
Sponsor: Indianapolis Radio Club-W9JP  
Date: Feb 09 2019  
Time: 12:00 PM (Walk-ins allowed)  
Contact: James K. Rinehart  
(317) 721-1458  
Email: k9ru@arrl.net  
VEC: ARRL/VEC  
Location: Salvation Army EDS Training Facility  
4020 Georgetown Rd  
Indianapolis IN 46254-2407

Indianapolis IN 46256-3167  
Sponsor: WD9BSA Group  
Date: Feb 09 2019  
Time: 8:30 AM (Walk-ins allowed)  
Contact: Brian J. Murrey  
(317) 985-1899  
Email: kb9bvn@gmail.com  
VEC: LAUREL MD  
Location: Golden-Burke Scout Office

7125 Fall Creek Rd N  
Pre-Register  
<http://wd9bsa.org>  
Indianapolis IN 46256-3167

Franklin IN 46131-9733  
Sponsor: Mid-State ARc  
Date: Feb 16 2019  
Time: 9:30 AM (Walk-ins allowed)  
Contact: Scott W. Nelson  
(812) 320-2790  
Email: [scott@w9dba.com](mailto:scott@w9dba.com)  
VEC: LAUREL MD  
Location: REMC Bldg  
750 International Dr  
Franklin IN 46131-9733

## **FEEL FREE TO SHARE OUR NEWSLETTER**

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at <http://www.indyradioclub.org/rqstnewsletter.htm>.

## **SEND ME YOUR HAM RADIO NEWS**

If anyone has any items for the newsletter, please send them to Ken Bandy at [kj9b@arrl.net](mailto:kj9b@arrl.net)

## **Signals from the Past:**

**From the January, 1960 *Amachewer*:**

### LOOKING BACK ON 1959

....The Hobby Show which required untold hours for building the props, the set up time, plus the hours spent by members in the booth as the IRC host to the public, was a big

success. We had over 150 Ham visitors, plus many other interested people visited us, including Santa Claus himself.

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### **Upcoming Area Radio Events:**

- February 9, 2019: Hendricks County Hamfest 2019. Go to <http://hcars.org/hamfest> for more info.
- April 6, 2019: 36th Annual Columbus Hamfest at Bartholomew County 4-H Fairgrounds. Go to <http://carcnet.net> for more info.
- May 17 - 19, 2019: Hamvention 2019 at Greene County Fairgrounds and Expo Center, Xenia, OH. Go to <https://hamvention.org/> for more info.

### **2019 Officers:**

- President: David Spoelstra, N9KT – [davids@mediamachine.com](mailto:davids@mediamachine.com)
- Vice Pres.: Dave Miller, K9RTT - [dmiller@ivytech.edu](mailto:dmiller@ivytech.edu)
- Secretary: Ken Bandy, KJ9B - [kj9b@arrl.net](mailto:kj9b@arrl.net)
- Treasurer: Mark Burke, W9MGB - [w9mgb@arrl.net](mailto:w9mgb@arrl.net)
- Chief Operator: Jace Thompson, KD9BIG - [kd9big@arrl.net](mailto:kd9big@arrl.net)
- Dir. at large: Jim Rinehart, K9RU – [k9ru@arrl.net](mailto:k9ru@arrl.net)
- Dir. at large: Dave Michaels, N1RF - [dw\\_michaels@comcast.net](mailto:dw_michaels@comcast.net)
- Dir. at large: Jeff Hammer, N9NIC - [n9nic@arrl.net](mailto:n9nic@arrl.net)
- W9JP Trustee: Jay Kraus, W9TC - [W9TC@arrl.net](mailto:W9TC@arrl.net)