

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

June 2020

Volume 21

Issue 5

FIELD DAY 2020

Public service, emergency preparedness, community outreach, technical skills, and fun!



JUNE 27-28, 2020

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LOGO BY ARRL, USED WITH PERMISSION

Update for Field Day 2020

by Steve Nardin, W9SAN

Field Day 2020 at the historic Fort Wayne has been approved by the Board of Directors of the Fort. It is still unclear whether or not the Fort will be open to the public. A lot will depend on the state's current orders in effect at the time. Operators at the stations in the Fort may need to take precautions. We will do whatever we can to avoid the need to wear masks, as that would be probably real miserable in the heat of the summer and the heat of competition! The meal on Saturday evening will most likely not happen, and operators will have to provide their own food and drink.

To reduce the chances of stations causing interference to each other, we are requesting that if you have HF band pass filters, please loan them for the weekend to FWRC's Field Day operation. If you can build filters, we would greatly appreciate that. For VHF, if you have strip line filters or can build some, please do. Also, we need common mode chokes, at least two per station, so if you have any to contribute, please do. Multiple generators would be another way to isolate the stations. FWRC may purchase enough ferrite toroids to equip all power supplies. Analog power supplies are also requested, as switching power supplies often do not have the proper isolation from AC line to DC output. Speakers, keys, and mics also need ferrite chokes to minimize interference. Watch for announcements, on-the-air planning meetings, and more details!

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. Field Day is a picnic, a camp-out, practice for emergencies, an informal contest and, most of all, FUN!



SKYWARN Net Controller K9JDF Retires after Decades of Service

By Jay Farlow, W9LW, SKYWARN Net Manager

After serving as a SKYWARN net control station (NCS) operator longer than he can remember, health issues have forced Bernie Holm, K9JDF to retire from NCS service.

Bernie first served as an NCS operator back in the 1970s, when the National Weather Service (NWS) had an office at Baer Field (now known as Fort Wayne International Airport). In those days, an amateur radio station at the NWS office typically served as both liaison to the NWS and NCS. "I was a little bit unhappy when the National Weather Service moved," Bernie said, because the closure of the Fort Wayne office when the North Webster office opened meant that it was no longer feasible for him to volunteer at the office. Bernie continued, however, in his role as an NCS operator from his home station, for a net that served the southeast quadrant of the new office's 37-county warning area.

Bernie first became interested in severe weather in the early 1950s as a young Boy Scout in Illinois. During a troop outing along the Mississippi River, he saw a tornado that formed across the river in Iowa. "That kind of surprised me and scared me," Bernie said, "and I guess that's how I got interested in SKYWARN and the weather."

He received his first amateur radio license in 1957, around the time he graduated high school. The Federal Communications Commission issued Bernie the same call sign he



uses today. Bernie earned a bachelor's degree at the now-defunct Valparaiso Technological Institute (not associated with Valparaiso University), but had trouble finding a job after he graduated, so he joined the Navy in 1961.

Because of Bernie's degree, the Navy assigned him to the Syncom (synchronous communication) satellite project, on which the Navy was providing support to NASA. The project put into service the world's first geostationary communication satellite, Syncom 2, over Nigeria in 1963. Bernie served aboard the USNS Kingsport, whose role was to serve as a satellite control station and uplink station, using a 30-foot dish antenna while in port at Lagos, Nigeria. At one point, Nigerian Prime Minister Abubakar Tafawa Balewa boarded, and used the ship's equipment to speak to President John F. Kennedy — the first time two heads of state communicated via satellite.

Bernie came to Fort Wayne in 1966 to take a job with Magnavox on a classified project. He worked there for 38 years. Shortly after his arrival in Fort Wayne, he became ac-

tive with the Amateur Radio Emergency Service (ARES), which eventually led to him taking the SKYWARN storm spotter training in the 1970s. His ARES volunteer work included 90 hours of NCS service after the blizzard of 1978. He also fulfilled NCS duties during the flood of 1982.

Bernie's most memorable moments as a storm spotter were when he saw damage tornadoes did to mobile home parks on Washington Center Road in March 1985 and to buildings along Saint Joe Center Road in May 2001.

Bernie said his experience as a Boy Scout (he earned the rank of Eagle Scout and the Silver Award in scouting's young adult Explorer program) and the influence of his community-minded parents instilled in him the importance of volunteering to help his community. This opportunity to be of service is what he most enjoyed about being a storm spotter and especially an NCS operator.

Please join me in thanking Bernie for his decades of service to the nation, the SKYWARN program and our local nets.



SKYWARN

SKYWARN Net Seeks New NCS Operators

Even before Bernie Holms' retirement from NCS service, the Allen County SKYWARN net needed additional volunteers to serve as NCS operators. To serve in this position, an operator must:

- Be able to reliably communicate on the 146.88 MHz and 146.91 MHz repeaters.
- Have attended a storm spotter class within the preceding two years.
- Have become familiar with the Net Operations Manual.

A benefit of serving as an NCS operator is access to NWSSchat, the National Weather Service's private, internet text chat system, which enables users to view a variety of useful and interesting severe weather information.

Any operator who is interested should contact net manager Jay Farlow, W9LW at arsw9lw (at) gmail.com.



SKYWARN Net Activates for Storms May 10

The Allen County SKYWARN net went into action May 10 when severe thunderstorms did some damage in the area. Chad Beach, W9GGA placed the net into standby mode at approximately 2 p.m. Subsequently, Adam Warrix, KD9NRT reported a fallen tree blocking a street in south-central Fort Wayne. Other stations that checked in included KD9GDY, KD9NYZ, KC9CGG (Adams County), KB9JR, KD9NIV, KD9INP, W9LW, KC9SJP and KA9IPA. Chad terminated net activity at 3:10 p.m. Thanks to all stations for their participation.

From the Editor

It occurs to me that the Allen County HamNews is growing in size. Thank you to each of the contributors to this month's edition. It is safe to say that amateur radio is alive and well in Allen County and in the surrounding communities.

This June edition contains a bunch of information on a range of topics and activities: Skywarn (thanks to Bernie for his years of service!), Field Day 2020, hamfests (in Auburn in July, Winchester in August, and Fort Wayne in November), results from the FM Simplex Contest and the Indiana QSO Party, the FWRC tailgate picnic in August, the ACARTS picnic in August, SKCC events and results, and more.

Please note that the swap section has been updated for this month. In the future, I will run a listing for a month and renew the listing upon request. If you have anything that you would like to include in this section, please let me know.

The deadline for materials to be included in the July edition of HamNews is Sunday, June 30th.

Finally, Field Day is approaching. This classic event will be different this year, as noted by Steve's update on page 2. Please be sure to get on the air—in whatever location you feel safe and comfortable. Due to the corona virus situation, the ARRL has made provisions to make it easier for operators to participate from their home stations this year. Check the ARRL website at www.arrl.org for more information.

Have a great month and 73,

Josh Long, W9HT

drjoshlong (at) gmail.com

P.S. Check throughout this edition of HamNews for some late-breaking news items!

editor's note

48th FORT WAYNE HAMFEST

Host to the
2020 ARRL CENTRAL DIVISION CONVENTION



ARRL Forum - Saturday 10:00 AM

Kermit Carlson W9XA
ARRL Central Division Director

Carl Luetzelschwab K9LA
ARRL Central Division Vice – Director

James Merry Jr. KC9RPX
ARRL Indiana Section Manager

ARRL Central Division Convention Banquet Saturday, November 14, 5:00PM

Buffet with two entrees, salad, vegetable,
starch, roll & dessert.

Attendance limited to first 70 Registrants
\$25 Reservations Available October 1 thru November 6

- Ham Radio License Testing All Classes (\$14)
9 AM till 12 PM Saturday
- WAS & DXCC Card Checking and CQ Awards
- New & Used Ham Equipment Dealers All Indoors
- Main & Hourly Door Prizes
- 3 Rooms of Special Interest Forums All Day Saturday
SKCC * AMSAT * ARES * NTS * Indiana Repeater Council
- Youth Lounge (under 12 accompanied by adult)
- Equipment Check-out | Test Purchases on-site
- Tables: \$25 Regular, \$50 Premium, \$33 Electricity
Drive Directly to Your Table for Setup

November
14 & 15
2020

SAT 9 AM to 4 PM
SUN 9 AM to 2 PM

Admission: \$6 Sat & Sun
Sunday only FREE!
Children under 12 free
(with adult)
Talk-in Radio Frequency 146.880 (-)



Allen County
War Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. Comfort Arena
(Coliseum Parking \$6 per vehicle)

Get the latest information at
www.fortwaynehamfest.com
www.facebook.com/FTWAYNEHAMFEST/
Contact (260) 579-2196 , PO Box 10342, Fort Wayne, IN 46851

FORT WAYNE HAMFEST SPECIAL NOTICE

The COVID-19 Pandemic has upset many aspects of our daily lives. We hope our Hamfest vendors and amateur radio friends are safe and well during this national emergency. Subject to government guidelines and orders, we still expect to deliver a high quality Hamfest again this year and are pleased to host the ARRL Central Division Convention in November. We will continue to monitor health professional recommendations as the Hamfest date nears. All plans are moving forward, but we will decide on September 1 if the risk to our patrons and vendors necessitates the prudent decision to cancel.

The Fort Wayne Hamfest recognizes many hams have suffered job losses and economic stress this year. We have decided to make Sunday at the Hamfest FREE admission. We have no control over the venue provider's parking fee (currently \$6/vehicle), so we encourage carpooling. We will continue to have hourly door prize drawings on both Saturday and Sunday; however, the grand prizes will be drawn and awarded on Saturday at 3:30pm.

Hamfests are an amateur radio tradition which the Allen County Amateur Radio Technical Society (ACARTS) strives to keep alive. If the pandemic has subsided enough to permit travelling and gathering safely, then we hope you'll support the tradition and join us at the Fort Wayne Hamfest.

Save the Date: November 14 & 15.

The Fort Wayne Hamfest Steering Committee

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

Carole's Corner



Another month has zipped by, and now it's June. Before we know it, it will be Christmas and our Centennial Year will be over. I hope everyone is staying healthy and not going stir crazy.

As Steve Nardin and Charles Ward have reported, Field Day is a go at the Old Fort. As of yet, we don't know if the public will be allowed in or not, but we know it will be over the airwaves. Hopefully, the Mayor will agree to be there with us. Fingers crossed.

It looks like our June meeting will be in the Church parking lot. This is a great start. Everyone please bring your lawn chairs and a something to drink, but remember, the rest rooms WILL NOT be available to us. I might even be able to scrounge up a few cookies.

I am looking forward to seeing everyone again—it's been too long.

73,

Carole WB9RUS

Fox Hunt is Back!

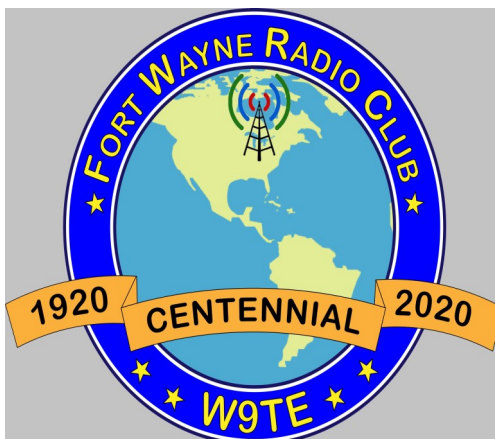
The FWRC will resume our Fox Hunts starting with the June 7th scheduled hunt. Hunters will again search for the high power fox, and the low power fox. Hunting outside your vehicle we expect that hunters will observe social distancing protocols and wear masks. Please no one come to the hunt if you feel sick! Masks are NOT required inside your vehicle, of course. The June fox hunt will start as usual at 1:30 pm EDT. Gathering after the hunt is optional. We may just have everyone bring some of their favorite food and sit in a circle with > 6 foot distance between us. Stay tuned for more details!

Field Day 2020

Please see the separate article about Field Day elsewhere in this newsletter.

Tailgate Hamfest is On!

The August Tailgate Hamfest is still planned for the August meeting (8/21 at 6:30pm). Be sure to join us for this annual event!



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CITY OF FORT WAYNE

OFFICE OF THE MAYOR

PROCLAMATION

- WHEREAS,** the Fort Wayne Radio Club and its predecessor has existed as a group in Fort Wayne and Allen County dedicated to the art and science of the amateur radio hobby since 1920; and
- WHEREAS,** the Fort Wayne Radio Club has provided a cadre of personnel who are able to provide emergency communications support to the community during events such as severe weather (high winds, tornadoes, blizzards, electrical outages, etc.); and
- WHEREAS,** the Fort Wayne Radio Club has provided a venue for young people with an interest in the sciences to pursue areas of technology via involvement in Ham radio; and
- WHEREAS,** the Fort Wayne Radio Club regularly provides infrastructure and manpower that support communications and situational awareness during events for groups that sponsor walks such as the Cancer Society, March for Life, Walk for MS, Walk for Alzheimer's and many others.

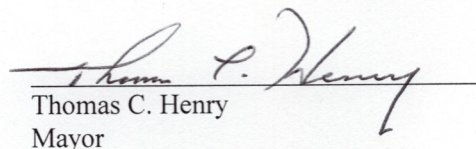
NOW, THEREFORE, I, THOMAS C. HENRY, Mayor of the City of Fort Wayne, Indiana, do hereby proclaim, June 27, 2020, as

FORT WAYNE RADIO CLUB DAY

in Fort Wayne, encouraging all citizens to duly note this occasion.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the Office of Mayor, City of Fort Wayne, Indiana to be affixed this 27th day of June, 2020.




Thomas C. Henry
Mayor

Fort Wayne Radio Club Members Rule INQP

Ken Rogner, N8KR

The 2020 running of the Indiana QSO Party is now history. A challenge was made to the Fort Wayne Radio Club membership to show the other radio clubs in our state how great our 100 year old club is! 28 club members activated their personal stations during the 12 hour HF event producing 4,802 contacts! WOW, that's 400 contacts per hour coming from our club members! Our mission, as a club, was to win the Club Competition category: a special award (plaque) for the Indiana amateur radio club whose members turn in the highest total aggregate score. Looking back over the years for the record to beat, the members of the Lafayette DX Association set a record score of 470,832 points in 2009. While that is the all-time record, we were looking at simply winning the plaque for this year. Last year the Lafayette club won the plaque with 6 submitted logs and 365,155 points. (Fort Wayne was second with 161,163 points from 10 logs.) So, the big question weighing on your mind, "how did we do?"

Officially, we don't know. The logs from our club members have been submitted to the INQP committee and results will not become known until this winter sometime. But, all of the submitted scores have also been submitted to me and I calculated our claimed score. (The difference between what I will soon share and what will become official lies in log checking for errors resulting in point reduction.) So, with our monumental qso count of 4,802 contacts, club members turned in an aggregate score of:

753,438 points

Wow, can you believe it? That's more than double the winning total in 2019 AND we are in line for setting a new all-time high club record! I can hardly wait! So, who are the leaders from our club that accomplished this record achievement? See the table at right for the details!

Jay-W9LW noted that he didn't begin operating until 3pm taking advantage of "perfect kite-flying weather." Jay started out on 40 meters and experienced numerous long runs of contacts; at one point he averaged 2.7 contacts per minute! His longest contact was from Germany. Jay's station included his Yaesu FT-450D at 100 watts into a folded dipole at 30 feet! **Richard-N9HRA** commented that he enjoyed the event and had a "good time!" **Bill-W9SA** wrote that he had a great time and really intended to make some CW contacts but couldn't get away from SSB! **Jack-W9GT** "pulled out all the stops" operating 11.25 hours. He cashed in on the 7-land qso party contacts on 20 meters. Like most of us, Jack noted the lack of Indiana Counties compared to previous years. (Most likely due to the elimination of the mobile and rover categories due to health mandated travel restrictions.) Jack concentrated on CW but also realized the importance of SSB contacts and some great rates as many as 3-4 a minute! **Jim-AC9EZ** operated his Yaesu FT-450D for a total of 11 hours and 42 minutes! Jim has been improving his antenna farm since last year's INQP and cashed in on his past operating experience in INQP. He noted that CW was the place to be and was quite surprised to be able to hold a run frequency with only 100 watts. "Congratulations to all members of the FWRC 100th anniversary IN QSO Party Team!" **Ritchie-N9RIS** had fun! Even though he had to work on that Saturday, Ritchie worked 19 states and 17 Indiana counties picking up two new States: California and Louisiana. **Don-K9LI** commented, "What fun!" **Chad-KD9INP** sent a picture of his bird, Buddy, in front of his Icom 7300! **Josh-W9HT** operated throughout Saturday afternoon and evening and was pleased with his total number of contacts. **Ken-N8KR** spent the week before INQP replacing the blower fan in his Alpha 86 finishing the day before the contest! It performed flawlessly and, driven by the Elecraft K3, Ken had some great rates on both SSB and CW. "I'm proud to be a part of the phenomenal Fort Wayne Radio Club INQP team!"

Name-Callsign	Contacts	Score
Jack-W9GT	787	190,124
Jim-AC9EZ	501	112,267
Jay-W9LW	335	55,341
Josh-W9HT	446	50,803
Dan-K9EA	260	29,288
Jim-KD9GDY	219	26,840
Tom-KU8T	208	26,460
Ed-WA9BBN	184	18,212
Don-K9LI	165	16,632
Al-K9FW	120	8,400
Joe-KJ9R	109	5,886
Bill-W9SA	94	3,666
Steve-W9SAN	81	3,293
Norm-KD9HAV	75	2,700
Terry-K9FMX	59	2,600
John-W9WN	44	2,376
Ritchie-N9RIS	66	2,310
Richard-N9HRA	55	1,650
Dennis-KD9KMK	43	1,333
FWRC-W9TE	36	700
Mike-KB9OZI	26	494
Chad-KD9INP	30	420
Larry-KB9OS	25	373
Rose-KA9GKE	21	210
James-KR9U	16	208
Bill-K3HZP	5	40
Carla-KD9ITZ	3	3
Ken-N8KR	898	190,809

Fort Wayne Radio Club W9TE

Celebrating 100 years with 100 Contacts

The Fort Wayne Radio Club in the year 2020 is celebrating its Centennial Birthday as it was organized 100 years ago. The Club has planned at this time no less than 4 Special Event W9TE operating activities throughout the year.

There is also a centennial event contacting FWRC members during the year of 2020. This event is not a contest but it is an event to celebrate the spirit of Amateur Radio and our Centennial. The event name is **Celebrating 100 Years with 100 Contacts**.

Event open all year, Ends January 1, 2021 05:00 UTC. Anyone can make 100 contacts with any FWRC member using any band, any mode, any amateur equipment. May contact same member multiple times per day only if different band, mode, or combination of both. Must make contact with minimum of 25 different FWRC members. Exchange info: Call, Name, City and, State or Providence or Country; Signal report, Rig and Antenna. Rag chew is encouraged.

Logs may be saved using a logging program. A file, containing only the Fort Wayne Radio Club members contacted, with contact information, date, time, mode and band, to be emailed to kg9fm@arrl.net. Paper logs as done 100 years ago absolutely accepted. There are special certificates and QSL cards for all of the events. Certificates will be emailed.

Be Our Guest on July 11, 2020 - 9 to 3

The Northeastern Indiana Amateur Radio Assoc.



AUBURN HAMFEST

In recognition and appreciation of your sacrifices during the Covid 19 crisis.

2nd Annual
AUBURN "Classic City" HAMFEST
 Saturday, July 11, 2020 9 a.m. to 3 p.m.
Setup 7 to 9

AUBURN CORD DUESENBERG MUSEUM
 1600 S. WAYNE ST. • AUBURN, IN 46706
 Interstate 69 • Exit 326 or 328 • Follow "Museum" Signs
 Talk-In 147.015+ No Tone

➔ **MUSEUM EXHIBITS and FREE Parking included with \$5 raffle ticket purchase.** Enjoy the Hamfest and the beautiful ACD Museum with your family. Children under age 12, accompanied by a parent are admitted FREE!

➔ **INDOOR TABLES \$10 – advance reservations required.** We listened to you last year when you said: "You need more space." We've tripled our floorspace this year for your added comfort- with no increase in table cost!


➔ **TRUNK SALES – one \$5 raffle ticket per parking space.** Nice paved FREE parking lot and additional parking on the Plaza, just across the street.

➔ **GRAND PRIZE AWARDS – (Need not be present)** Grand prizes TBA. You can be sure of top-notch equipment for your Ham Radio hobby!

➔ **ATTENDANCE PRIZES – drawn each hour.**

Your 2020 Destination Hamfest!
 Visit www.w9ou.org for more info
 or
 Email: w9ou@arrl.net

This event is not affiliated with nor sponsored by the Auburn Cord Duesenberg automobile Museum.


FREE Admission

6,000 SQ. FT. INDOOR DISPLAY SPACE (Not counting the huge Museum Area!)

FREE Parking

Supervised by the DeKalb County ARES Team.

FREE AUBURN CORD DUESENBERG Museum

View an amazing collection of classic motor vehicles.

**1600 S WAYNE ST.
AUBURN, IN 46706**

Hourly Door Prize Drawings

*Indoor Vendor Tables: \$10
Advance reservations guaranteed.*

Outdoor Sales - Raffle ticket purchase for each parking space.

Contact: W9OU@ARRL.NET

COVID 19 precautions: Please bring and use hand sanitizer. Facial covering is encouraged. Maintain social distancing. Personal responsibility is the key— a common trait of radio amateurs. Thank you for your support!

Raffle Prizes:

- 1st- ICOM 2730A dual band xcvr and MFJ-281 external speaker
- 2nd- MFJ-4225MV 25A power supply
- 3rd- PowerpoleBag with crimp tool and 150 pcs.

Ticket Prices \$5.00 - Buy 2, get 1 Free!

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



ACARTS President's Message

The COVID-19 virus pandemic restrictions are slowly being relaxed, but the Salvation Army and the Red Cross

have not opened their facilities to outside groups yet, so there is no point in even thinking about holding June ACARTS meetings. We are essentially a social group and it would be hard to hold a social meeting practicing "social distancing" and wearing masks. Most of our membership is made up of seniors, the most vulnerable group, so many will not feel safe attending a meeting if we did have one. ACARTS does not hold meetings in July, so that gives us another month for things to settle down.

That brings us to the ACARTS picnic scheduled for Saturday, August 8th at the Jefferson Township Park. Let's hope that things will be pretty much back to normal by then and the park will permit us to use the pavilion, that "social distancing" restrictions will allow more than two people at a picnic table, and that people will feel safe in a group at that time. Mark your calendars of the date, and I hope that I will be able to see you there.

The same thing is true for the Fort Wayne Hamfest in November. The Hamfest Committee has set September 1st as the date to make the decision to hold the Hamfest or not. Several factors will be considered, governmental restrictions, policies imposed by the Coliseum that would make holding a hamfest as we know it impractical, and mainly, will the vendors and the attendees feel safe attending an event at that time. Let's hope for the best, that we can hold a successful hamfest and convention.

Let me know if you have anything that you would like considered by the Board or brought up at a meeting. The board can make decisions by e-mail if anything that needs attention comes up.

In the meantime, remember that we are hams. Make use of your radios to stay busy and keep in contact with your friends via the repeaters.

73,
Dave Lindquist, W9LKH

Save the date
ACARTS Picnic
Saturday, August 8
Arrive at 5pm, eat at 6pm

ACARTS Officers

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W9INX Trustee

Dave Lindquist W9LKH
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w9lkh(at)comcast.net

W9INX

ALLEN COUNTY

AMATEUR RADIO TECHNICAL SOCIETY

2020 Northeastern Indiana VHF/UHF FM Simplex Contest Results and Summary

The 2020 Northeastern Indiana VHF/UHF FM Simplex Contest was held on Saturday evening, April 4th, from 7:00 to 10:00 p.m. This year's event had much more activity than previous years, most likely due to the COVID-19 virus pandemic restrictions curtailing competing events. There were over 30 stations participating, some for a brief time, others for the whole three hours. This made for more contacts made, more counties on the air, and more townships worked for multipliers, and more logs submitted. From the logs submitted, there was activity in nine counties, contacts made to 29 townships, and the four rovers activated a total of 13 townships. 17 logs were submitted. From comments heard on the air and notes attached to logs, everyone had a good time and are looking forward to next year's contest.

BASE CATEGORY

Anyone listening to the contest knew that three stations were making the most contacts, with similar numbers. These operators were Ed, WA9BBN, Steve, W9SAN, and Jim, KD9GDY. It was unknown which one would come out on top until the logs were submitted. The log of Ed, WA9BBN, was received first, showing 46 contacts and 15 townships worked, for a score of 690. The log of Steve, W9SAN, was received next. Steve had calculated his own score, and his calculation showed him to be 42 points below Ed. Upon official tabulation of Steve's log, it was found that Steve had missed counting a township worked, so he actually had 54 contacts and 13 townships for a score of 702, surpassing Ed's score by 12. A week later, the log of Jim, KD9GDY, was received. Jim had made 51 contacts, a number between those made by Ed and Steve, however, Jim had worked the most townships, 17, giving him the high score of 867. It was a close finish for the top three entries of the 13 logs submitted in the Base category.

BASE CATEGORY RESULTS

CALL	#QSO	#TWP	SCORE	RANK
WD9GDY	51	17	867	1
W9SAN	54	13	702	2
WA9BBN	46	15	690	3



ROVER CATEGORY

This year's contest brought out four hams operating Rover from two counties and 13 townships, with three submitting logs. The higher number of participants made for more contacts made and higher scores. Some of the Rovers activated some uncommon townships that gave the stations that worked them there another multiplier. All four of the Rovers had not entered the contest as Rovers in the past so it was a new and learning experience for all of them.

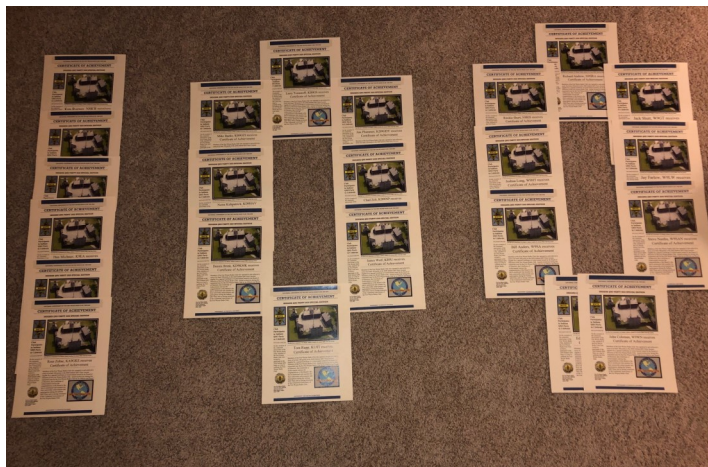
ROVER CATEGORY RESULTS

CALL	# QSO	TWPS WKD	TWPS ACT	SCORE
N8KR	98	14	7	2058
K9SLN	72	12	8	1440
KD9NYZ	27	8	7	405

Update for FWRC Participants in the 2020 Indiana QSO Party

Results from the Fort Wayne Radio Club participation in the 2020 Indiana QSO Party can be found on page 9. Thank you to everyone who participated!

Certificates for qualifying FWRC member participants have been printed and will be distributed during an upcoming FWRC event. Please stay tuned for more information on this event.



Do you have a certificate in these piles? 



PORTABLE CATEGORY

The Portable category this year had only one entry and it was from Jon, KD9GGB, in Bunker Hill, Indiana, in Miami County. Jon made three contacts in three townships for a total of nine points.



CONCLUSION

ACARTS normally announces the results and presents the certificates at the May ACARTS Meeting. Due to the COVID-19 virus pandemic restrictions, the May meeting was cancelled as well as the June meeting, so the results are being published in this issue of the Allen County HamNews. ACARTS thanks all of those that participated in the VHF/UHF Simplex Contest this year and especially thanks those that submitted logs.



A Look Back at White's Radio Log

Carl Luetzelschwab K9LA



Prior to becoming a ham in October 1961, I was an SWL (short wave listener). I even had a call sign assigned by Popular Electronics – WPE9BQH. With the National NC-60 receiver that Mom and Dad bought me in the late 1950s, I scoured the bands – from the low end of the AM broadcast band to the 10-Meter ham band – and everything in between.

One of the invaluable tools of the SWL trade back then was White's Radio Log. It touted itself as "An up-to-date broadcasting directory of AM, FM, TV and Short-Wave Stations." It was in the old Radio-TV Experimenter magazine. Let's look at Volume 37 Number 2 of White's Radio Log that was in the Fall 1960 Radio-TV Experimenter.

The first "list" is U.S. and Canadian AM Stations by Frequency. I'm sure you've heard of clear-channel stations – in late 1960 there were four true clear-channel stations: WMAQ in Chicago on 670 Kcs (since we talking the late 1960s, I'll use cycles instead of Hertz), WLW in Cincinnati on 700 Kcs, WGN in Chicago on 720 Kcs and WOAI in San Antonio on 1200 Kcs. These four were the only US stations on their respective frequency, and they all ran 50,000 Watts day and night.

There were other "clear-channel" stations on frequencies with only a few others on the same frequency. WOWO at 50,000 Watts on 1190 Kcs was one of these. There were seven other stations on 1190 Kcs – one was KEZY in California at 1000 Watts day and night, four were lower power daytime only and the other two were KEX in Portland at 50,000 Watts day and night and KLIF in Dallas at 50,000 Watts day and night. To eliminate interference between WOWO, KEX and KLIF, directional antenna patterns were used at night.

The next list was U.S. and Canadian AM Stations by Location. There were four AM stations in Fort Wayne then: WOWO, WGL on 1250 Kcs, WANE on 1450 Kcs and WKJG on 1380 Kcs.

The United States FM Stations list showed that Fort Wayne only had one FM station – WPTH on 95.1 Mcs (megacycles = MHz). In the United States Television Stations list, Fort Wayne had WANE-TV on channel 15, WKJG-TV on channel 33 and WPTA on channel 21.

The last list was the one that I used on a regular basis. It was the World-Wide Short-Wave Stations. It listed international short-wave stations from 4630 Kcs (just below the 60-Meter SWL band) to 26080 Kcs (the 11-Meter SWL band). Of note were the stations in the then 40-Meter Novice band (7150-7200). The big ones that didn't help Novice operations at night were Radio Moscow, Deutsche Welle (Germany) and the BBC. Although my NC-60 couldn't be set to an exact frequency, the interval signals from international short-wave stations helped identify who was who (see the June 2016 FWDXA column in the Allen County HamNews for more on interval signals).

As a final note, I grew up in Hammond. Thus my focus on AM, FM and TV stations was on those in northwest Indiana and the Chicago area.

Every effort has been made to ensure accuracy of the information listed in this publication, but absolute accuracy is not guaranteed and, of course, only information available up to press-time could be included. Copyright 1960 by Science and Mechanics Publishing Co., a subsidiary of Davis Publications, Inc., 450 East Ohio St., Chicago 11, Ill.

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Fort Wayne Area SKCCers Dominate SKCC Operating Events

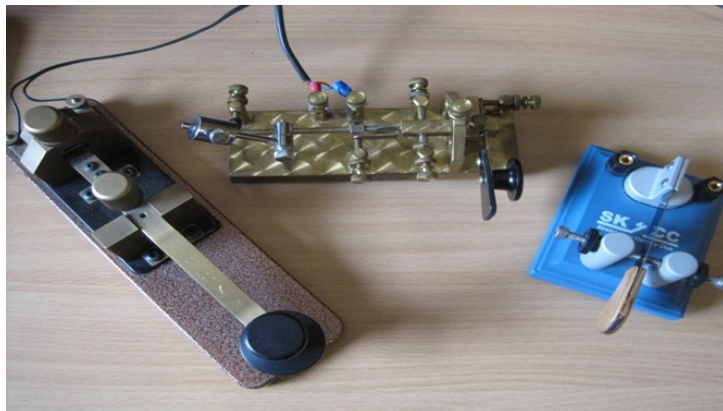
Ken Rogner, N8KR

Whether it's the Straight Key Century Club Weekend Sprintathon (WES) or Tuesday Evening Sprint (SKS) or special operating achievements, our Fort Wayne Radio Club members are setting new standards with their activity! In the April WES, there were 412 entries with about 390 from the US. Included in the published results are totals from each state. Indiana was on top with a total of 2072 qso's overcoming our rival Pennsylvania of 1437! But what was more astonishing is that 1695 of the Indiana qso's came from 12 Fort Wayne Radio Club members! In the May WES, Indiana was on top again with FWRC members leading the charge! Jack-W9GT led the pack with 301 qso's followed by Tom-KU8T with 176, John-W9WN with 125, Ed-WA9BBN with 124 and Jim-KD9GDY with 108. Additional participants included Al-K9FW, Dave-N9FGP, Don-K9LI, Rose-KA9GKE, Josh-W9HT, Bill-W9SA, and Ken-N8KR. Our April 2 hour Sprint placed Indiana in first place with 6 of the 8 IN entrants from the FWRC! (And their combined score led all of the states!)

Along with these great operating results, several of our club members have made special achievements. New SKCC **Senators** include Don-K9LI and Jack-W9GT! Congratulations to them! (Becoming a Senator is not easy: 100 member qso's to reach Centurion status, then 50 unique members who are at least Centurions to reach Tribune, 350 more unique contacts for Tribune x 8 status, then 200 unique contacts with Tribunes and Senators to reach Senator status!) Congratulations to Dave-N9FGP who reached **Tribune** status, Tom-KU8T who is Tribune x 6, John-W9WN who is Tribune x 6, and Al-K9FW who has advanced the local club call, NE9EE, to Tribune x 8 status in a matter of a couple of weeks! By the time you read this, NE9EE will probably be a Senator! On the heels of **Senator** achievement is Jim-KD9GDY. Go get 'em Jim! Finally, congratulations go to Ed-WA9BBN who has achieved the **TripleKey** award. So far there have only been 68 members who have successfully made the 300 contacts required: 100 with a straight key, 100 with a bug, and 100 with a cootie! Ed is TripleKey #36 and is only the 2nd member in Indiana to receive this award. Examples of the 3 different keys are shown in the picture at the end of this article.

Straight Key Century Club continues to grow at a fast rate. Our current membership totals 22,500. Just 15 months ago, W9TE joined at 20,000! A 15 month gain of 2,500 members is incredible! Our local enthusiasm is contagious! We're now seeing our neighboring club in Auburn showing SKCC interest. Jeff-KB9QG has recently advanced to **Centurion** status along with their club president, John-W9GOO, who joined in December and is also a Centurion.

SKCC is fun and rewarding! Ask any member! There's nothing like making CW contacts!



The SKCC *pump* straight key, a horizontal Vizkey bug, and the SKCC cootie!

KS9KCC Multi for April WES

Ken Rogner, N8KR (7559S)

What do you do when you have planned a multi-multi operation for WES and suddenly have a "stay-at-home" order? Creativity abounds when these things happen so the gang here at Fort Wayne, IN, who would normally be a part of this operation explored some possibilities. What we came up with was pretty simple. Since we all live within a ten mile radius, we decided to activate KS9KCC from our individual stations. We came up with an online real time sign-up system (thanks Jay-W9LW) with hourly band slots. That did three things for us: immediate sign up, keeping one signal per band, and monitoring the maximum 24 hour operating limit allowed for a WES. We also continuously monitored and kept in touch with each other on the local 146.91 repeater. Official spotting on the sked page was done by me which meant I continually monitored where the various ops were located and spotted them. In order to eliminate dupes, the ops could only call CQ! That was a slight handicap. We had discussed emailing band logs to each other before operating but that appeared to be cumbersome. When WES ended, everyone sent me their logs, I did a merge and, to my surprise, there were only 5 dupes out of 540 qso's! While our plan was successful, we all agreed that we missed the most important aspect of a multi-multi operation: our social time together. Thanks to our stellar crew of operators: AL-K9FW #20492S, Joe-WB9EAO #12021S, Ed-WA9BBN #17763S, Jay-W9LW #6222S, Josh-W9HT #7474S, Don-K9LI #19153S, Jim-KD9GDY #18156T, Ken-N8KR #7559S.



For sale and wanted listings in this section are provided to members of the Fort Wayne Radio Club, Allen County Amateur Radio Technical Society, and the Fort Wayne DX Association. Listings can be renewed upon request to the editor (see pg. 4 for contact information).

- ◆ Kenwood TS-530S HF transceiver. For parts or repair. \$100. Contact Al **K9FW** at k9fw (at) frontier.com

DOYLE STRANGLUND W9NJD ESTATE ITEMS

- ◆ Heathkit HW100 Model
- ◆ Heathkit SB401 SSB Transceiver w/manual
- ◆ Heathkit SB500 2mtr Transverter
- ◆ Heathkit Single Bander SSB Transceiver Model HW32A
- ◆ Heathkit Mobile Speaker Model AK-7
- ◆ Heathkit Speaker Model SB600
- ◆ Vista 12v. Power Supply Unknown capacity (works)
- ◆ Regency HR2-A CB Transceiver w/manual
- ◆ Radio Shack HTX-202 w/manual
- ◆ CB-170 SWR meter
- ◆ Heathkit Manuals Only
 - GW-42 CB Transceiver
 - GR-54 SWL Receiver
 - GW-14 CB Transceiver
 - MW-33 Marine CB Transceiver

This equipment has not been tested for operational capability. Sold as is. All proceeds will be donated to the Huntington County Amateur Radio Society. I have pictures that I would be happy to send if you send me your email address. Contact Jim Smith **N9FGN** at jamesmith (at) mercurywireless.net (include subject line of "W9NJD")

- ◆ Cushcraft A4S HF triband antenna. Also have the 40 meter traps. Currently up in the air and in use. Needs attention. \$100
- ◆ Two DC Astron power supplies in good working order: RS-12A (\$50) and RS-35A (\$75)



For these items, contact Ken **N8KR** at n8kr (at) hotmail.com

- ◆ Your old or unwanted item(s) could be listed here next month!

East Central Indiana

HAMFest

Saturday, August 15, 2020 – 8:00 AM to 4:00 PM Eastern
Randolph County 4-H Fairgrounds
1855 US Hwy 27, Winchester, IN 47294

WD9EXZ@gmail.com - www.facebook.com/rcarcindiana



ARRL
Sanctioned

Free:

- Parking
- Admission
- Indoor Spaces
- Outdoor Spaces
- Door Prizes

Also Available:

- Breakfast \$
- Lunch \$
- Camping w/Electric - \$25
- Showers
- VE Test Sessions—10 AM & 2 PM



Talk-in Frequency
147.300+ MHz
PL: 110.9 Hz

Door Prizes Include:

- Icom ID-4100A D-Star/Analog Mobile MSRP \$329.95
- Icom ID-31A+ D-Star HT MSRP \$279.95
- Icom IC-V86 7W HT MSRP \$169.00
- Grand Prize – Icom IC-7300 HF + 6M MSRP \$1199.99
Grand Prize drawing at 3 PM—Must be present to win - see details at door

Sponsors:

- Randolph Co. ARC
- Jay Co. ARC
- Blackford Co. ARC
- Muncie Area ARC
- EmComm ECI
- Grant Co. ARC
- Adams Co. ARC
- Whitewater Valley ARC
- Darke Co. ARC
- K9NZF Systems
- State Line Radio
- TNT Electronics



Breakfast and Lunch provided by
Randolph Co. 4-H Shooting Sports



Contest Calendar for June 2020 (Page 1)

+ RSGB 80m Club Championship, Data	1900Z-2030Z, Jun 1
+ ARS Spartan Sprint	0100Z-0300Z, Jun 2
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 2
+ Phone Fray	0230Z-0300Z, Jun 3
+ CWops Mini-CWT Test	1300Z-1400Z, Jun 3; 1900Z-2000Z, Jun 3; 0300Z-0400Z, Jun 4
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 4
+ NRAU 10m Activity Contest	1800Z-1900Z, Jun 4 (CW) and 1900Z-2000Z, Jun 4 (SSB) and 2000Z-2100Z, Jun 4 (FM) and 2100Z-2200Z, Jun 4 (Dig)
+ UKEICC 80m Summer Series	1800Z-1900Z, Jun 4
+ SKCC Sprint Europe	1900Z-2100Z, Jun 4
+ NCCC RTTY Sprint	0145Z-0215Z, Jun 5
+ NCCC Sprint	0230Z-0300Z, Jun 5
+ HA3NS Sprint Memorial Contest	1900Z-1929Z, Jun 5 (40m) and
+ 10-10 Int. Open Season PSK Contest	0000Z, Jun 6 to 2400Z, Jun 7
+ PVRC Reunion	0000Z-0200Z, Jun 6 and
+ DigiFest	0400Z-1200Z, Jun 6 and 2000Z, Jun 6 to 0400Z, Jun 7 and 1200Z-2000Z, Jun 7
+ VK Shires Contest	0600Z, Jun 6 to 0600Z, Jun 7
+ Wake-Up! QRP Sprint	0600Z-0629Z, Jun 6 and 0630Z-0659Z, Jun 6 and 0700Z-0729Z, Jun 6 and 0730Z-0800Z, Jun 6
+ SEANET Contest	1200Z, Jun 6 to 1200Z, Jun 7
+ UKSMG Summer Contest	1300Z, Jun 6 to 1300Z, Jun 7
+ Kentucky QSO Party	1400Z, June 6 to 0200Z, Jun 7
+ RSGB National Field Day	Cancelled
+ IARU Region 1 Field Day, CW	1500Z, Jun 6 to 1459Z, Jun 7
+ Dutch Kingdom Contest	1500Z, Jun 6 to 1500Z, Jun 7
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Jun 6
+ Cookie Crumble QRP Contest	1700Z-2200Z, Jun 7
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 9
+ NAQCC CW Sprint	0030Z-0230Z, Jun 10
+ Phone Fray	0230Z-0300Z, Jun 10
+ CWops Mini-CWT Test	1300Z-1400Z, Jun 10
+ UKEICC 80m Summer Series	1800Z-1900Z, Jun 10
+ CWops Mini-CWT Test	1900Z-2000Z, Jun 10
+ RSGB 80m Club Championship, CW	1900Z-2030Z, Jun 10
+ CWops Mini-CWT Test	0300Z-0400Z, Jun 11
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 11
+ NCCC RTTY Sprint	0145Z-0215Z, Jun 12
+ NCCC Sprint	0230Z-0300Z, Jun 12
+ DRCG WW RTTY Contest	0000Z-0759Z, Jun 13; 1600Z-2359Z, Jun 13; 0800Z-1559Z, Jun 14
+ SMIRK Contest	0000Z, Jun 13 to 2400Z, Jun 14
+ Asia-Pacific Sprint, SSB	1100Z-1300Z, Jun 13
+ SKCC Weekend Sprintathon	1200Z, Jun 13 to 2400Z, Jun 14

Contest Calendar for June 2020 (Page 2)	
+ Portugal Day Contest	1200Z, Jun 13 to 1200Z, Jun 14
+ AGCW VHF/UHF Contest	1400Z-1700Z, Jun 13 (144) and 1700Z-1800Z, Jun 13 (432)
+ GACW WWSA CW DX Contest	1500Z, Jun 13 to 1500Z, Jun 14
+ REF DDFM 6m Contest	1600Z, Jun 13 to 1600Z, Jun 14
+ ARRL June VHF Contest	1800Z, Jun 13 to 0259Z, Jun 15
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Jun 14
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Jun 15
+ RSGB FT4 Contest Series	1900Z-2030Z, Jun 15
+ SARL Youth Sprint	1200Z-1400Z, Jun 16
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 16
+ NAQCC CW Sprint	0030Z-0230Z, Jun 17
+ Phone Fray	0230Z-0300Z, Jun 17
+ CWops Mini-CWT Test	1300Z-1400Z, Jun 17; 1900Z-2000Z, Jun 17; 0300Z-0400Z, Jun 18
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 18
+ NCCC RTTY Sprint	0145Z-0215Z, Jun 19
+ NCCC Sprint	0230Z-0300Z, Jun 19
+ Battle of Carabobo International Contest	0000Z-2400Z, Jun 20
+ All Asian DX Contest, CW	0000Z, Jun 20 to 2400Z, Jun 21
+ Ukrainian DX Classic RTTY Contest	1200Z, Jun 20 to 1159Z, Jun 21
+ IARU Region 1 50/70 MHz Contest	1400Z, Jun 20 to 1400Z, Jun 21
+ Stew Perry Topband Challenge	1500Z, Jun 20 to 1500Z, Jun 21
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Jun 20
+ West Virginia QSO Party	1600Z, Jun 20 to 0400Z, Jun 21
+ Feld Hell Sprint	1800Z-1959Z, Jun 20
+ ARRL Kids Day	1800Z-2359Z, Jun 20
+ WAB 50 MHz Phone	0800Z-1400Z, Jun 21
+ Run for the Bacon QRP Contest	1900Z-2400Z, Jun 21
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 23
+ SKCC Sprint	0000Z-0200Z, Jun 24
+ Phone Fray	0230Z-0300Z, Jun 24
+ CWops Mini-CWT Test	1300Z-1400Z, Jun 24
+ CWops Mini-CWT Test	1900Z-2000Z, Jun 24
+ CWops Mini-CWT Test	0300Z-0400Z, Jun 25
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 25
+ RSGB 80m Club Championship, SSB	1900Z-2030Z, Jun 25
+ NCCC RTTY Sprint	0145Z-0215Z, Jun 26
+ NCCC Sprint	0230Z-0300Z, Jun 26
+ UFT QRP Contest	0600Z-0900Z, Jun 27 and 1400Z-1700Z, Jun 27
+ His Maj. King of Spain Contest, SSB	1200Z, Jun 27 to 1200Z, Jun 28
+ Ukrainian DX DIGI Contest	1200Z, Jun 27 to 1200Z, Jun 28
+ RTTYOPS Weekend Sprint	1600Z-1959Z, Jun 27
+ ARRL Field Day	1800Z, Jun 27 to 2100Z, Jun 28
+ 10-10 Int. Spirit of 76 QSO Party	0001Z, Jun 29 to 2400Z, Jul 5
+ QCX Challenge	1300Z-1400Z, Jun 29; 1900Z-2000Z, Jun 29; 0300Z-0400Z, Jun 30
+ RTTYOPS Weeksprint	1700Z-1900Z, Jun 30

This information comes from the WA7BNM Contest Calendar at www.contestcalendar.com and is gratefully acknowledged. It is deemed accurate as of the time of publication.

Area Nets					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.940	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.760)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	7:00 PM	146.760-	FWRC YL Net
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
Week-days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
9:00 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net (141.3 PL)
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580	AM 6-Meter AM Net
9:00 PM	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:30 PM	145.510 simplex	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES(141.3 PL)

1. All times local time. Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com.
 2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXO-11, K9BIF-11) Most BPQ Nodes use an SSID of -11.
 3. Reflector REF024B.
 4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.
 5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>

Fort Wayne repeaters							
Frequency	Offset	Tone	Callsign	Frequency	Offset	Tone	Callsign
145.330	-0.6 MHz	--	W9FEZ	443.100	+5 MHz	141.3	K9MMQ
146.880	-0.6 MHz	--	W9INX	443.275	+5 MHz	141.3	K9MMQ
147.255	+0.6 MHz	--	W9INX	442.6375	+5 MHz	--	N9MTF
146.760	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.910	-0.6 MHz	--	W9TE	443.800	+5 MHz	--	W9INX
146.940	-0.6 MHz	141.3	W9TE	442.99375	+5 MHz	--	W9TE
224.780	-1.6 MHz	--	W9FEZ	444.8750	+5 MHz	141.3	W9TE
				53.3300	-1 MHz	--	W9FEZ

FWRC Membership Application

Name: _____ Call Sign: _____
 License Class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ Phone #: (____) _____
 Email address: _____ ARRL Member? _____

(ARRL membership helps the club maintain ARRL affiliation)
 May we list your name, call & email address in our membership roster & on our club web site?

Fort Wayne Radio Club dues:

Regular membership	\$20.00 / year
Family membership ¹	\$30.00 / year
Student membership ²	\$5.00 / year
Associate membership ³	\$20.00 / year

(Memberships for July-December are 1/2 the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Fort Wayne Radio Club (check number _____) and bring to a club meeting or mail to:

Fort Wayne Radio Club
 P.O. Box 15127
 Fort Wayne, IN 46885-5127

Please list all names and calls on an attached sheet.
 K-12 or full time student.
 Unlicensed member.

ACARTS Membership Application

Name: _____ Call Sign: _____
 License Class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ Phone #: (____) _____
 Email address: _____ ARRL Member? _____

(ARRL membership helps the club maintain ARRL affiliation)
 May we list your name, call & email address in our membership roster & on our club web site?

ACARTS dues:

Regular membership	\$12.00 / year
Additional family members ¹	\$6.00 / year
Student membership ²	\$6.00 / year
Associate membership ³	\$6.00 / year

(New regular memberships are \$1.00/month)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Allen County Amateur Radio Technical Society (check number _____) and bring to a club meeting or mail to:

A.C.A.R.T.S.
 P.O. Box 10342
 Fort Wayne, IN

Please list all names and calls on an attached sheet.
 K-12 or full time student.
 Unlicensed member.