

Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

February 2010

Volume 11 Issue 2

ARES/RACES Training Meeting Feb. 24

All Allen County ARES and RACES operators should plan to attend the training session scheduled for Wednesday February 24 starting at 6:30 p.m. in meeting room "A" at the downtown Allen County Public Library. The earlier than usual starting time is required because the training is extensive. This training is mandated by the Indiana Section ARES Emergency Coordinator and covers basic procedures and operating skills that all ARES and RACES operators are expected to know and maintain proficiency. The Section EC, Tony Langer (W9AL) has directed each county ARES EC to provide this training in face to face group sessions rather than online individual study. There is a comprehension check exercise (true - false test) following each of the six training modules. Allen County ARES EC Joseph Lawrence (K9RFZ) and Assistant EC Jim Moehring (KB-9WWM) will team teach the 6 modules. Material covered in the first session will include;



Module 1: Introduction to the Indiana ARES/ RACES Mission, Values, Structure and Organization

Module 2: Alerting and Mobilization Procedures

Module 3: Directed Net Fundamentals - Operating a Tactical Radio Net

Another training session will be scheduled at a later date to cover the remaining modules;

Module 4: Part 1 Message Handling Fundamentals - Using the ICS Form 213 and ARRL Radiogram

Module 5: Part 2 Message Handling Fundamentals - Using the ARRL Radiogram and Other Modes

Module 6: Personal and Family Preparedness

Questions concerning this training should be directed to Joseph Lawrence K9RFZ during the weekly ARES net (Tuesday 9:00 p.m. 146.94 MHz) or by phone 373-1986.

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza at arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for the March issue is Friday, 3/5/2010.

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Internet Home Pages:

Fort Wayne Radio Club:

<http://www.FWRC.info/>

<http://groups.yahoo.com/group/FWRC/>

ACARTS: <http://www.acarts.com>

Ft. Wayne DX Assoc.: <http://www.qsl.net/fwdxa/>

ARES: http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group: http://groups.yahoo.com/group/IN_PACKET/

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

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tjbowman at verizon.net

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KC9MUT 749-4824
kc9mut at yahoo.com

Vic Guess
WB9UZA 485-7472
wb9uza at arrl.net



President's Corner



The January General Meeting was our annual Auction Night. The weather cooperated and we had a great night. We had over 50 people in attendance and over 8 tables of goodies to sell. As usual there was some spirited bidding, and some surprises as to what people bid on and what they did not. We had more than usual donated to the club for sales as well; so, as a fund raiser the club made over \$200. If you did not make it this year, remember we will be doing the auction again next January.

Right now we are planning another Rig Clinic for the February general meeting, Friday February 19th at 7:00 PM at the Good Shepherd United Methodist Church at the corner of Reed and Vance across from Snider High School. Al Burke, WB9SSE, and Jim Pliett, K9OMA, will be bringing their test gear and will be set up to test various parameters on you ham rigs. So, if you think there is a problem with your rig, or maybe you just need to verify power levels, modulation, frequency display, signal bandwidth, or whatever; bring your rig to the February general meeting and we will have the technical experts and the equipment to check it out.

For the March General Meeting we will have a presentation by Larry Temenoff, KB9OS, on Mobile Technology. We are living in a time when mobile technology is expanding and changing faster than most of us can follow it. This can be fun to experience but it can also be confusing at times. Larry is a Network Telecommunications Analyst at IPFW. It will be very interesting to get his perspective on where we are and where we are going.

We are still in the early planning stages, but we hope to have a presentation on Packet for the April General Meeting. Packet seemed to hit a peak in activity a number of years ago. But with the new emphasis on emergency communications, packet is making a resurgence. There are a growing number of amateurs getting back on

packet in Northeast Indiana and we want to help you get on as well.

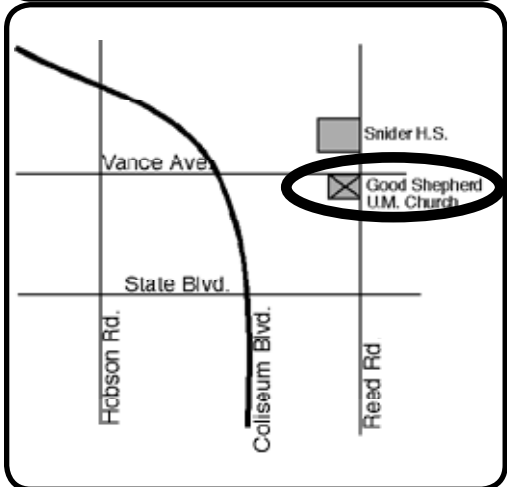
I know that I have said this before but I will say it again, I believe that 2010 will be another good year for the club. We are already talking about some improvements for the 2010 Field Day set-up. The June VHF QSO party will probably be a go as well. We have some good programs for the monthly general meetings. The only other ingredient we will need is your participation.

Also as we have mentioned a number of times, 2010 is the 90th anniversary of our continuous operation as a radio club. We will be planning some special activities to celebrate and we are looking forward to your participation on those activities as well.

Remember the February General Meeting will be Friday February 19th at 7:00 PM at the church for a Rig Clinic. I hope that we see you there.

Tom / N9TB

**FWRC Meeting
Feb. 19, 7:00 p.m.
Program: Rig Clinic**



Fort Wayne Radio Club Auction Photos

photos by Vic Guess, WB9UZA



Club Jacket Orders Needed By February FWRC Meeting!

All those interested in getting a FWRC jacket as shown at the December and January meetings (and is also online) need to decide on size and embroidery details **NO LATER** than the regular meeting on Feb. 19th. I will also need to collect \$53.25 per jacket ordered. Please look at the jacket online if you haven't seen it at one of the aforementioned meetings and get with me no later than the 2/19 meeting. So far, most are going for same design as mine, but non-ARRL members could opt to not have the League logo and perhaps have call sign on one side and name on the other --?? You decide and let me know.

Thanks and 73.....Terry, K9FMX

Attention FWRC Members

The printed and mailed FWRC ACHN issues will terminate with the January 2010 issue for FWRC members who have not paid the necessary fees to the FWRC. To obtain a 2010 FWRC printed and mailed ACHN copy, the club membership fee of \$15 must be paid in addition to the \$17 premium for the printed and mailed ACHN.

Bob W8ST
Treasurer



STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS Officers

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(260) 456-2012
vberko at comcast.net

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OPEN

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President's Message



It is February already, and Spring officially is about 6 weeks away. I am ready for the warmer weather.

We got spoiled a few days ago when it was in the low 40's. We still have a chance for more snow. I can put up with that, but not the single digit temperatures. It is hard on the wallet. At least it is better than last winter. With a new furnace and a programmable thermostat the gas bills are lower. It changes the temperature to a lower setting while I am at work. Then about a hour before I get home, it raises the temperature back up to the comfort level I have selected. There are four different time periods for heating and cooling. And while I am speaking of the weather, I want to remind you of Skywarn. The Skywarn training is our March program. It happens to be on our regular meeting night.

The program for this month will be about ARMAD. For those of you who are new hams, it stands for Amateur Radio Military Appreciation Day. It will be presented by Emery McClendon, KB9IBW. He is the founder of ARMAD, and a Air Force veteran. He will talk to us about ARMAD, and how it got started. Also about some of the activates he has been involved in. A reminder that the April program is our annual Spring banquet. That is all I have this for this month. See you at the meeting.

73,
Vic, KA9LTV

ACARTS Program

The program for February will be about ARMAD . It will be presented by Emery McClendon, KB9IBW. If you are a new ham and have not heard about ARMAD come to the meeting to find out what it is about. It stands for Amateur Radio Military Appreciation Day. See you there.



73, Vic, KA9LTV

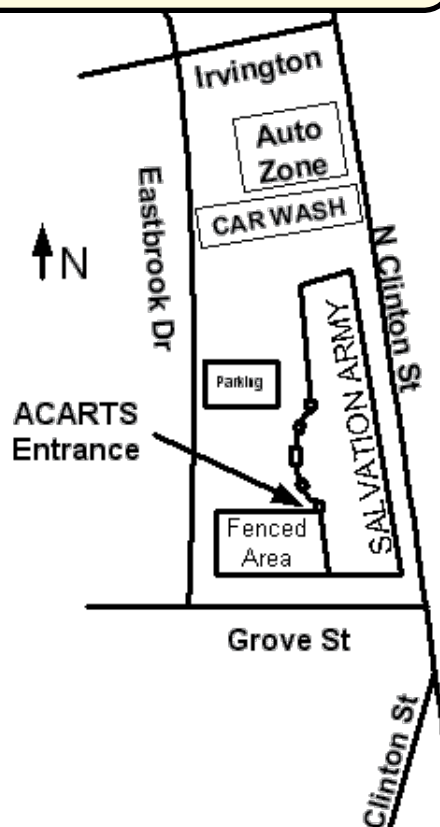
Meeting Schedule

ACARTS General Meeting:

2/16/10 7:00 p.m.

Program: ARMAD

Next Board Meeting: 2/9/10, 7:00 p.m.



January 2010 ACARTS Board Meeting Minutes



The meeting was called to order by Vic, KA9LTV.

Dave, W9LKH, reported that he and Jim, KB9IH, have made several trips to the repeater site to try to locate the intermittent problem in the 146.88 MHz amplifier. Dave stated that on a visit a week before that they could not get the amplifier to fail while they were there, but that it had failed shortly after they left. A visit that morning showed an output power of 50 to 100 mW upon arrival. Dave decided to pull the amplifier and take it home for service and connected the driver directly to the antenna. The driver stage produced about 1/2 watt and provided a marked improvement in coverage. He also took the cable from the transmitter to the cavities to replace the connectors that looked suspicious.

Dave also reported that he had returned the final from the 443.800 MHz repeater that had had pulled previously. He stated that he had found and repaired two intermittent solder joints and the repeater is now functioning with a steady 12 watt output.

Howard, N9ADS, presented the propose club budget for 2010. He recommended that the same budget as the previous year be retained. Dave, W9LKH made am motion that the budget be approved, it was seconded by Vic, WB9UZA, and passed by a voice vote.

Dan, KB9NGM, proposed that the club purchase a video projector instead of renting one each year for the Hamfest. A motion that Dan look into the purchase was made by Jim, KB9IH, seconded by Vic, WB9UZA, and passed by a voice vote.

No further business was discussed.

The meeting was adjourned at 7:30 p.m.

Submitted by Dave Lindquist, W9LKH

W9INX

January 2010 ACARTS General Meeting Minutes



The meeting was called to order by Vic, KA9LTV.

A motion was made by Jim, KB9IH, to accept the proposed club budget for 2010 as the same as the budget for 2009. It was seconded by Dave, W9LKH, and passed by a voice vote.

Dave, W9LKH, reported that he had found and repaired the intermittent solder joint in the 146.88 MHz repeater power amplifier and had replace the connectors on the RG214 output cable. He said that he and Jim, KB9IH, had reinstalled the amplifier and cable on Saturday and that the repeater now has a steady 65 watt output. He added that he and Jim had connected the transmitter to the first cavity it the duplexer that had been bypassed by someone in the past for an unknown reason. No degradation in transmitter power was observed and reinserting the cavity appears to have corrected the receiver desense when the transmitter was keyed.

Jim, KB9IH, stated that the condition of the shack is still deteriorating and that a work group should be established in the spring to repair or replace the siding and insulation.

After refreshments, a video, *Voice of Victory - The Hallicrafters Story* was shown.

Submitted by Dave Lindquist, W9LKH



Cycle 24 Appears to Be Picking Up Steam - Carl Luetzelschwab K9LA



Ft Wayne DX Association

In my last update on Cycle 24 in this column in June 2009, I reported that the Solar Cycle 24 Prediction Panel had just reached a consensus

decision that solar minimum between Cycle 23 and Cycle 24 occurred in December 2008. They also decided that the Cycle 24 maximum would be slightly below average in intensity. So how are these predictions doing?

I'm happy to report that the first prediction, that solar minimum occurred in December 2008, appears to be doing well. The smoothed sunspot number data shows it hit a low value of 1.7 in December 2008, and has been rising ever since - it was up to 3.6 in July 2009 (the latest smoothed sunspot number data available, which includes the January 2010 monthly mean sunspot number).

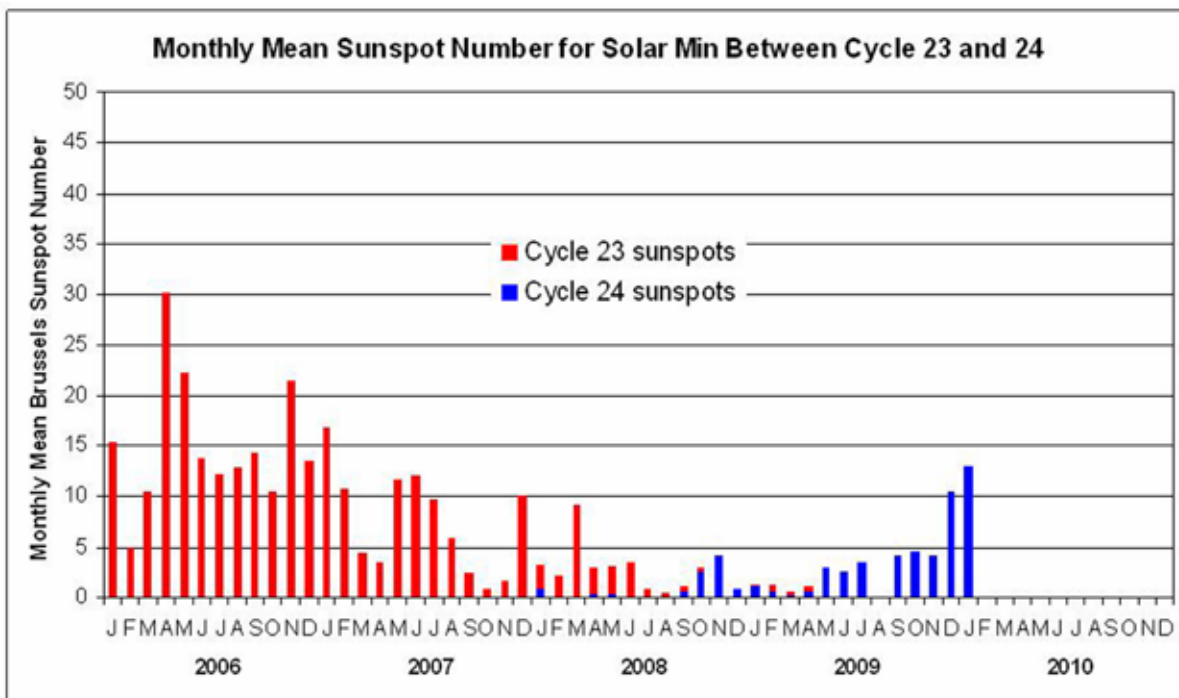
Of course the big question is whether this is just a burst in solar activity and we'll return to no sunspots, or whether it's really the start of the ascent of Cycle 24. I believe this question will be answered in the next several months.

The accompanying figure is a good summary of this solar minimum. The red vertical bars indicate the monthly mean Brussels sunspot number for Cycle 23 sunspots, while the blue vertical bars are

for Cycle 24 sunspots. Note that Cycle 23 sunspots and Cycle 24 sunspots occurred simultaneously for over a year (16 months, in fact). This is typical of solar minimum. It appears we saw our last Cycle 23 sunspots in April 2009. Also note the nice rise in the blue vertical bar data, indicating that Cycle 24 is picking up steam as mentioned in this month's title.

If you visit <http://www.swpc.noaa.gov/Solar-Cycle/>, you'll see the latest predictions from the International Space Environment Service. The actual smoothed sunspot number, along with the actual smoothed 10.7 cm solar flux, appears to be on track to follow the red prediction curves. In fact, the smoothed solar flux may even be ahead of the prediction. But it's too early to say with any certainty what's going to happen with respect to the second prediction - that the maximum of Cycle 24 is expected to be slightly below average. We'll just have to wait and see.

This recent increase in solar activity also bodes well for testers participating in the upcoming ARRL International DX contests. The CW event is the weekend of February 20 and 21 and the Phone event is the weekend of March 6 and 7. It is now likely that 15m will offer extremely good openings to Europe, even for those of us in the Midwest. And the East Coast may even have some openings to Europe on 10m. Whether you are a tester or not, join the fun in these contests. It's a great way to add to your DXCC totals.





The 2010 Severe Weather Season

- Joel, KB9RH

SKYWARN 2009 was one of the quietest years on record for severe weather, but with the new year it is again time for storm spotters to get prepared for the upcoming season. The National Weather Service has scheduled basic storm spotter training sessions where meteorologists review severe thunderstorms and bring spotters up to date on the latest research. This year's session is scheduled for March 16 at the Public Safety Training Academy. If you cannot attend the training for Allen County, the dates for other sessions can be found at the NWS North Webster homepage

www.weather.gov/iwx.

Even though significant advances have been made in radar technology, meteorologists cannot see what is happening at the surface because of the curvature of the earth. Therefore, our "ground truth" reports supplement what is being seen on radar.

According to statistics, the primary severe weather season in our area runs from May 4 through August 29th. But as we all know, severe weather can occur in any month of the year and at any time of day. The primary threat here is straight-line winds - and by a wide margin. Most of the severe weather in our area is the result of squall lines of thunderstorms. The classic "supercell" thunderstorms are rare in this part of the country - but they occasionally do happen.

The two most important aspects of storm spotting are safety and accurate reporting. For those reasons, it is best to be "situationally aware" of atmospheric conditions. One of the best sites on the internet is the Storm Prediction Center at www.spc.noaa.gov. The daily convective outlooks and mesoscale discussions detail the specific types of severe weather expected.

An overview of the Indiana/Michigan/Ohio spotter program: If a tornado or severe thunderstorm watch is issued by the Storm Prediction Center, the staff at the North Webster National Weather Service office will evaluate the situation and determine when and if spotters are needed. Even if there is a watch in effect and no severe weather in our area, we may initiate a "standby" net. Under certain atmospheric conditions, severe weather may develop very rapidly and we need to be ready. An operator may be called in to staff the amateur station at the Weather Service office. That station operates under the callsign WX9IWX.

When we are activated, the net itself operates on the 146.88 repeater (146.76 backup) as a directed net. By definition, a directed net is a radio net in which

no station (other than net control) may communicate with any other station in the net without first obtaining permission from net control. The net controls are responsible for managing traffic on the net. Please follow their instructions.

The reports of certain specific weather conditions called in by trained spotters are directed to meteorologists who compare the information to other reports and to radar images. The office is responsible for issuing forecasts and warnings for 37 counties in northern Indiana, northwest Ohio, and the border counties in Michigan. For amateur radio spotting purposes, these counties are divided into four quadrants; we are southeast or Quad 2. There are 10 other counties in the quad, so reports will also be coming in from liaison stations to those county nets.

As the storms approach and move through our area, net control or his designated station will attempt to give updated radar information to spotters in the field. We may also get radar updates and special weather statements from the amateur operator at the WX9IWX station. Every effort is made to insure spotters have the latest information, but that is not always possible.

Here are the specific weather conditions the National Weather Service would like to have reported:

1. **Tornadoes, Funnel Clouds, and Wall Clouds** (remember there must be rotation).
2. **Winds 45 miles per hour or greater** (please note if winds are estimated or measured).
3. Any **Hail** (NWS requests we do not report "marble size" hail). Please report hail size as pea-size, dime, nickel, quarter, etc. Even better, measure it with a ruler.
4. **Heavy Rain** (1 inch or more in 1 hour or less, or storm totals of 2 inches or more).
5. **Flooding** in progress (rapid pooling of water on roadways, etc).
6. **Storm damage** (large trees, branches, any structural damage, etc).

Keep your reports short and to the point. Your report should take 10 or 15 seconds at the most. If the storms are especially severe, there may be a flurry of reports in a short amount of time; this happens often. Depending on the situation, net control may ask spotters to hold lower-priority reports for a few minutes (if there is a tornado on the ground, that situation takes priority over pea-size hail!).

Please report only what you see. Don't speculate. If you see power flashes in the distance, do not call

—continued on page 8



For Sale & Wanted

For Sale:

The following is the last of the Berdell Smith estate and is sold as is.

Hammarlund Model HXL-ONE HF Amplifier 10-80M with manual \$400

Hallicrafters SR-500 "Tornado" HF Transceiver with homebrew power supply \$350

Yaesu FRG 7000 General Coverage Receiver with manual \$250

Heathkit GP-11 Vibrator Power Supply \$40

Heathkit HP-24 Power Supply \$50

Homebrew Antenna Switch \$25 (With plans from October 1957 QST)

Astron RS-20A Power Supplies:

We have sold a lot of these but we have around 15 Astron RS-20A Power Supplies still available. Most have some scratches and are missing adhesive feet, all are sold as is but are in working condition. \$50

Contact the Whitley County ARC at wc9ar@arrl.net for further information.

* * *

For Sale:

- D-Link Model DI-624 wireless router, \$20
- Yaesu VX-1R Dual Band HT, with 2 Li-Ion batteries, & leather case. Perfect for pocket or purse, \$90 "3.2" x 1.9" x 1", just over 4 ounces, the VX-1R provides superb local communications at a power level of 500 mW or 1 Watt, impressive memory and scanning capabilities, wideband receive capability which includes VHF and UHF TV audio, AM broadcast, FM broadcast, AM aircraft band, and public safety channels."
- Palm IIIxe PDA, \$15
- Palm m515 PDA, with stainless steel case, \$25

Call Vic, WB9UZA, 260-485-7472, wb9uza@arrl.net

Wayne Pinckney, N9VXV, SK

Wayne Pinckney, N9VXV, passed away Feb 4. He lived in Auburn, and was the trustee of the North East Indiana Amateur Radio Club. He attended Skywarn training, and the annual club auction, as well as the hamfest, was active in ARES, so a few hams here knew him. - Mike Stein, WB9NOO

Severe Weather, cont'd

it in as a tornado unless you actually see the funnel. Report only the power flashes.

If you believe you have a reportable condition, but are not sure, report your suspicions to the net. An example would be if you are observing low-hanging clouds underneath the rain-free base, but are too far away to tell if there is rotation. There may be other spotters in the area, and your report can be checked out on radar.

There are times when severe weather occurs even though there is no official weather watch in effect and a net has not been called. If you have something to report, please give your call sign and indicate that you have a severe weather report. Any station with access to a telephone can call in your report to the North Webster office.

Space limitations do not permit a complete discussion of all situations which may occur during a severe weather net. Just remember to use common sense when a net is activated and always put safety first - we want you to be here for the next severe weather event. Be sure to operate from a location where you can safely observe the sky, and always have an escape plan if the unexpected should happen.

One last reminder: the 2010 Central Indiana Severe Weather Symposium is Saturday March 13th in Greenwood, Indiana. The theme of this year's advanced training is "Hazards, Spotting, Safety". Speakers include Chris Novy - who was one of the speakers at the northern Indiana advanced training last year. Another speaker is Dan McCarthy - Meteorologist in Charge at NWS Indianapolis - who worked for 20 years as a forecaster at the Storm Prediction Center. For more information and registration information please go to the NWS Indianapolis website at www.weather.gov/ind.

from Joel KB9RH



Test Points

23-Feb-2010
 Sponsor: GRANT COUNTY ARC

Time: 5:00 PM (No walk-ins)
 Contact: JAMES C DAVIS
 (765)664-9848
 Email: DAVIS@COMTECK.COM
 VEC: ARRL/VEC
 Location: MARION COMMUNITY SCIENCE AND TECH BUILDING
 135 N BRANSON ST
 MARION, IN 46952



13-Mar-2010
 Sponsor: UNSPONSORED
 Time: 2:00 PM (No walk-ins)
 Contact: STEPHEN J KOUTS
 (419)238-5560
 Email: TECHSERV@EMBARQMAIL.COM
 VEC: ARRL/VEC
 Location: VAN WERT COUNTY EMA
 1220 OLD LINCOLN HWY
 BUSINESS US 30 EAST
 HOMELAND SECURITY BUILDING
 VAN WERT, OH 45891

23-Mar-2010
 Sponsor: GRANT COUNTY ARC
 Time: 5:00 PM (No walk-ins)
 Contact: JAMES C DAVIS
 (765)664-9848
 Email: DAVIS@COMTECK.COM
 VEC: ARRL/VEC
 Location: MARION COMMUNITY SCIENCE AND TECH BUILDING
 135 N BRANSON ST
 MARION, IN 46952

08-Apr-2010
 Sponsor: GOSHEN ARC
 Time: 7:00 PM (Walk-ins allowed)
 Contact: PAUL F COREY
 (574)262-4414

Email: K9MV@ARRL.NET
 VEC: ARRL/VEC
 Location: WWW.GOSHENARC.ORG/VE_TESTING.HTML
 GREENCROFT BLVD
 GREENCROFT RETIREMENTCOMMUNITY SENIOR CENTER
 GOSHEN, IN 46525

24-Apr-2010
 Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC
 Time: 9:00AM (Walk-ins allowed)
 Contact: ROGER L MC ENTARFER
 (260)503-9008
 Email: N9QCL@ARRL.NET
 VEC: W5YI VEC
 Location: EAGLES # 1906
 306 W VAN BUREN ST
 COLUMBIA CITY, IN 46725

25-May-2010
 Sponsor: GRANT COUNTY ARC
 Time: 5:00 PM (No walk-ins)
 Contact: JAMES C DAVIS
 (765)664-9848
 Email: DAVIS@COMTECK.COM
 VEC: ARRL/VEC
 Location: MARION COMMUNITY SCIENCE AND TECH BUILDING
 135 N BRANSON ST
 MARION, IN 46952

2010 Foxhunt Schedule

Jan.	No hunt	12 July	6:30 pm
14 Feb	1:30 pm	9 Aug	6:30 pm
7 Mar	1:30 pm	13 Sep	6:30 pm
11 Apr	1:30 pm	3 Oct	1:30 pm
3 May	6:30 pm	7 Nov	1:30 pm
7 June	6:30 pm	Dec.	No hunt



All foxhunts start at off track betting parking lot, Washington Ctr. & Lima Rds.

Regional Hamfests

Date	Location	Contact Phone	URL or E-mail
21 Feb 2010	Livonia, MI	734-941-5043	http://www.livoniaarc.com/Swap.htm
6 Mar 2010	Dugger, IN	812-648-2487	http://www.kc9ak.org/hamfest.html
7 Mar 2010	Sterling, IL	815-284-5650	http://www.sterlinghamfest.com
20 Mar 2010	Marshall, MI	269-962-7145	http://www.w8df.com/hamfest.html
27 Mar 2010	Columbus, IN	812-342-4670	http://www.qsl.net/carc
3 Apr 2010	Lowell, MI	616-450-4332	http://www.argy1.org
18 Apr 2010	Miami County, IN	65-985-2811	http://www.nci-hamfest.net

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>

What Should Every Ham Know How to Do? - Dan Romanchik, KB6NU



On the HamRadioHelpGroup mailing list, there was recently a discussion about using modulated CW on 2 m. One fellow pointed out that MFJ sold a unit that would do this. When I pointed out that this box cost \$100 and that they could do exactly the same thing with the \$18 PicoKeyer from HamGadgets.Com, I got some flack that the PicoKeyer was a kit, and that some people might not be able to build it.

I pointed out that a couple of years ago our club held a construction night, and that several people who had never soldered before successfully completed the kit. I also pointed out that even if the ham didn't have the proper tools, he or she could purchase a soldering iron, needle-nose pliers, and diagonal cutters, in addition to the kit, for less than \$100.

I don't know if that convinced him, but it got me thinking about what a ham should be able to do. This is the list I've come up with so far:

1. Solder. Every ham should know how to solder a connection, and by extension, build small kits and cables. Over the course of one's ham career, this skill will save you a ton of time and money.
2. Build a dipole antenna. The dipole is the simplest and most versatile antenna. Knowing how to build one and use one is an essential skill.
3. Check into a net. Net operation is one of the most basic operating skills.
4. Use a multimeter to measure voltage, current, and resistance and know what those measurements mean. This is the most basic skill used in troubleshooting, and at some point or another, you're going to have to troubleshoot something.

This list does, of course, imply that a ham is physically capable of doing them. I would not expect hams that are physically disabled to be able to do everything on this list.

After I posted this to my blog (www.kb6nu.com), I got several good responses. Jeff said, "I believe hams should know how to install RF connectors, particularly the three most used in our hobby, the PL-259, the BNC, and the N connector." Blair, WB3AWI, replied, "Another thing that hams should know how to do is to measure the SWR of an antenna."

So, now I ask you, What do you think every ham should know how to do? Feel free to post a comment to my blog or e-mail me at cwgeek@kb6nu.com.

When not analyzing the abilities of amateurs, KB6NU pounds brass on nearly all the HF bands and teaches various ham radio classes in Ann Arbor, MI. You can read his other musings on our fine hobby at www.kb6nu.com.

IMO Net Roll Call From 1988

Hi Guys,

I was looking for a file tonight and came across a file that had been my roll call for the IMO net back on December 6th, 1988. I thought you might find it interesting, and somewhat sad, as a fair number of the people on it are SK's now.



Don Gagnon, WB8HQS

Net Control: WB8HQS December 6, 1988

WB9IHR	Churubusco	Tom
WB9UNL	Columbia City	Dave
WB9YEY	Wabash	Bob
WB9EBI	Huntington	Lee
K9WWJ	Bluffton	Hal
WD8ATQ	Fort Wayne	Bob
W9BRW	Fort Wayne	Bob
N9EJA	Fort Wayne	John
WD9FAQ	Fort Wayne	Al
KA9FFT	Fort Wayne	Dave
N9FSJ	Fort Wayne	Ross
N9GSP	Fort Wayne	Rose
WD9HII	Fort Wayne	Bill
WD9HIY	Fort Wayne	Ken
WB9JJN	Fort Wayne	John
W9KNP	Fort Wayne	Dave
KA9LTV	Fort Wayne	Vic
W9PMT	Fort Wayne	Bob
KA9QMI	Fort Wayne	Bob
KZ9R	Fort Wayne	Tom
KD9SX	Fort Wayne	Dave
KA9ULN	Fort Wayne	Vince
WA9WTH	Fort Wayne	Lyle

Membership Application for ACARTS - and/or - FWRC

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP: _____-4 _____ Phone #: (_____) _____-_____ Unlisted? Yes

Email address: _____ ARRL Member? Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? Yes No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$17.00/yr. premium.

How would you like your newsletter delivered? by snail mail download from web site.

A.C.A.R.T.S. Dues

Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members ¹	<input type="checkbox"/> \$6.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$6.00 / year

(New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership	<input type="checkbox"/> \$15.00 / year
Family membership ¹	<input type="checkbox"/> \$21.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$15.00 / year
Mailed newsletter premium	<input type="checkbox"/> \$17.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

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

3. unlicensed member
4. 9 digit ZIP code required for US bulk mail

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS
PO Box 10342
Fort Wayne, IN 46851

Fort Wayne Radio Club.
PO Box 15127
Fort Wayne, IN 46885

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority

147.255 (+) General use / Autopatch priority*

443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

144.390 (s) APRS - wide

145.530 (s) W9INX-1 Digipeater and Node

Fort Wayne Radio Club Repeaters

Voice: 146.76 (-) General use

146.94 (-) General use with autopatch

146.91 (-) EchoLink connection repeater

Node number 16636

444.875 (+) General use

ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. on 146.88-

Tri State Two Meter Net: meets daily at 7:00 p.m. on 147.015+

21 Repeater Group: Wed. at 7:30 p.m. on 147.150

Help and Swap Net: Mon. at 9:00 p.m. 146.94(-)

6 Meter SSB/AM Net: Tue. at 8:00 p.m. on 50.580 MHz

Daily Indiana Traffic Net 3.910 @ 8:30 a.m. & 4:30 p.m. local

times

Daily (QIN) Indiana Section CW net 3.535 @ 9:30 a.m. & 7:00 p.m. local times

Miscellaneous Nets

Allen Co. ARES Training Net: Tue. at 9:00 p.m. on 146.94-

Emergency Preparedness Net: Thu. at 9:00 p.m. on 146.88-

Huntington ARES: Sat. at 8:00 p.m. on 146.685-

Whitley Co. ARES: Wed. at 8:00 p.m. on 145.270 (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sun. at 8:00 p.m. on 444.550+, 131.8 PL

160 Meter "No-Name" Net: Sun. & Wed 8:00 p.m. Indiana time 1968 kHz., Cross-band link on 146.49 MHz. Contact Larry Temenoff, KB9OS for more info.

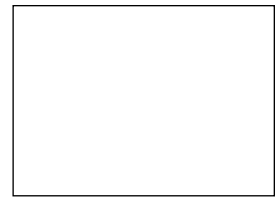
Little Red Barn Net: M, W, F @ 8:30 a.m. on 3820 kHz. Net control is K9ODF

Northeast Indiana Packet Net: Sunday at 9:00 p.m. on 145.530 @ 1200 baud. We use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.

FWRC YL Net: Wed. 7:00 p.m. on 146.76-

FWRC 6 Meter Net: Tue. 8:00 p.m. on 50.580 USB

Allen County HamNews
 PO BOX 10342
 FORT WAYNE, IN 46851



TO:



Activities Calendar

<u>Date</u>	<u>Time</u>	<u>Event</u>	<u>Place</u>
2/14/10	1:30 PM	foxhunt	off track betting parking lot, Washington Ctr. & Lima Rds.
2/16/10	7:00 PM	ACARTS General Meeting	Salvation Army Center
2/19/10	7:00 PM	FWRC Meeting	GSUMC
2/24/10	6:30 PM	ARES/RACES Training Meeting	meeting room A, downtown ACPL
3/5/10	--->	deadline for Mar. ACHN items	
3/7/10	1:30 PM	foxhunt	off track betting parking lot, Washington Ctr. & Lima Rds.
3/9/10	7:00 PM	FWRC Board Meeting	GSUMC
3/9/10	7:00 PM	ACARTS Board Meeting	Salvation Army Center
3/16/10	2:00 PM	SkyWarn Spotter Training	Public Safety Academy
3/16/10	7:00 PM	SkyWarn Spotter Training	Public Safety Academy
3/19/10	7:00 PM	FWRC Meeting	GSUMC
4/2/10	--->	deadline for Apr. ACHN items	
4/6/10	7:00 PM	FWRC Board Meeting	GSUMC
4/11/10	1:30 PM	foxhunt	off track betting parking lot, Washington Ctr. & Lima Rds.
4/13/10	7:00 PM	ACARTS Board Meeting	Salvation Army Center
4/16/10	7:00 PM	FWRC Meeting	GSUMC
4/20/10	7:00 PM	ACARTS Spring Banquet	Golden Corral, Lima Rd.