



Elections, Jamboree on the Air, and Antenna Analyzers

Page 2



Fort Wayne Hamfest Is Next Month and Workers Are Needed

Page 4



Things I Don't Do Anymore . . . and Things I Still Do

Page 6

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

October 2013
Volume 14
Issue 10

THE FOXHUNT CHRONICLES

Sunday, September 8, 2013. The sun came up, the birds sang, and the weather was pleasant as an early fall day should be. And in the parking lot of the Off-Track Betting Parlor at Lima and Washington Center roads, there gathered a group of eleven foxhunters, intent for the activities that would occur that afternoon. The hunters consisted of the team of Jim & Annie Pliett, K9OMA & KA9YYI plus Carole & Al Burke, WB9RUS & WB9SSE, the team of Linda & Steve Nardin, W9LAN & W9SAN plus their grandson Alex, the team of Charles Ward, KC9MUT plus Fred Gengnagel, KC9EZP, and the team of Dave Spence, K9NDU plus Bob Dean, KC9UHU.

It should be noted that as competitive as foxhunters tend to be, a new piece of (old) technology was introduced into this hunt by KC9MUT. Charles mounted a two element vertically polarized switched dipole antenna on the front of his truck (out front of his grill), part of a so-called "Pickle Fork" DF system, and used it to get "right-left" signal direction steering cues. He told me that it gave him helpful information as he drove down the road when the fox was up.

(Jim Pliett and I are researching the fine print in the Strategic Arms Limita-

tion Treaty (SALT) to determine if that switched dipole DF system that Charles added to his foxhunting suite is legal. We're hoping it isn't, but if it turns out that it is, then it looks like we may have another building project. Seems like our work is never done. We are considering the use of UAV's).

Oposing this formidable crew was the fox. Ah yes, the wily fox, as embodied by Kim & Jim Machamer, KB9's DOT & DOS. They were hid-out in a cul-de-sac forming the terminus of Old Decatur Rd. next to US 27. They used a 50 watt mobile rig driving a yagi for the high power fox, and microprocessor controlled hidden fox complete with a camouflage wrapping for the low power critter. The low power fox was programmed to radiate in cw for one minute out of every five as per standard practice. The fox transmitted on the input to the 146.88 machine so that interested hams could follow the proceedings as the hunt progressed.

Everyone heard the high-power fox at the start of the hunt, and the indicated bearing was south. So everyone proceeded down Lima Rd. and through downtown FWA. Charles & Fred turned off at Old Decatur Rd. while we travelled further



south to Paulding before turning east. As it turned out, Charles and Fred essentially drove straight to the fox hide site while we wandered around and about South Anthony & US 27 a bit before we localized the fox.

Consequently Charles & Fred were the first to locate the micro fox and thus had

Continued on page 8

Also this month

FWRC Repeater Back Up	3	Hams Assist Flood Rescue	9
Mixing Ham Radio & History .5		Contest Calendar	10
Area Hamfests	7	Local Nets	11
Scouting's JOTA	8	Activities Calendar	12

Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	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/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at ab9zd at arrl.net. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is the first day of the month.

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

October already! Be the time you are reading this, we will be past the equinox (Trans Equatorial Propagation anyone?) and well on our way towards winter. I hope your antenna projects are about complete, as it is less fun to work on them when your hands are frozen!

Let's take the time to applaud the local ARES team for a job well done on the communications support for the Fort 4 Fitness. This event drew more than 10,000 participants to downtown Fort Wayne, and was a huge organizational effort. The ARES team was about 20 strong, and they conducted themselves in a very professional manner. At my water stop, which was "themed" after the Duck Dynasty show, all were impressed that we were able to provide advance notice of things that were happening just up the road. Great job all involved!

Upcoming for October, we have one major club support activity planned, and that is the annual JOTA, or Jamboree On The Air. This year Mike Boschet, AC9BE, is leading the organization by working with the local Scout council to run a JOTA operation from Camp Chief Little Turtle up in Stueben County. We have an very ambitious goal to have 3 HF station, 1 VHF station, and a hands on Fox Hunt activity for the scouts. We have several people signed up to help out, but we need many more, so if you can help on October 19th, please contact Mike at AC9BE@ARRL.NET, or me at W9SAN@ARRL.NET. Be watching for club e-mails about the operation.

October for FWRC also means elections. At our September meeting, we already had several changes in store for the Board Of Directors. The slate currently stands as such:

President: Steve Nardin, W9SAN
Vice President: Carole Burke, WB9RUS
Secretary: Al Burke, WB9SSE
Treasurer: Bob Streeter, W8ST
Comm Manager: Charles Ward, KC9MUT

BOD: Tom Baker, N9TB
BOD: Kim Machamer, KB9DOS
BOD: Tom Rupp, KU8T
BOD: Linda Nardin, W9SAN



Remember that you can also self-nominate for the election, which is open to all FWRC club members. Please consider helping the club by serving on the BOD, as it is a great way to meet

new friends and become more involved in making the club an important part of your amateur radio experience. By the way, at the meeting Bob announced that we are at 99 members for this year! Just one more to hit the century mark! The last time we were at this level was the '80's!!

Please plan on joining us for the November meeting. Our planned presentation is "Antenna Analyzer Shootout". Not only will we discuss the analyzers and how they work, but we plan on doing some actual accuracy testing, to see if they live up to their stated claims. If you have an analyzer, consider bringing it to the meeting to see how it does. Also, we will talk about some other neat uses for the devices you may not have realized! We'll see you on the 18th, at the church.

Best Regards,

Steve, W9SAN

October 18: Antenna Analyzer Shootout - Discussions and demonstrations on how well they work.



Officers

President

Steve Nardin, W9SAN
260-482-4039
w9san(at)arrl.net

Vice President

Jim Pliett, K9OMA
260-693-9211
jhp16702(at)frontier.com

Secretary

Al Burke, WB9SSE
260-637-1989
aburke55(at)comcast.net

Treasurer

Bob Streeter, W8ST
260-672-9737
w8st(at)arrl.net

Communications

Paul Prestia, KA3OPZ
260-247-2806
pixher(at)gmail.com

Directors

Tom Baker, N9TB
260-747-2714
n9tb(at)arrl.net

Charles Ward, KC9MUT
260-749-4824
kc9mut(at)yahoo.com

Jim Machamer, KB9DOT
260-485-8559
jimandkim(at)juno.com

Tom Rupp, KU8T
260-672-8880
gmrepair1(at)aol.com

W9TE Trustee

Carole Burke, WB9RUS

Webmaster

Jay Farlow, W9LW

Unless otherwise scheduled, all meetings are held at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

FWRC MEETING MINUTES

The September meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church on 20 September, 2013. It was hosted by club president Steve Nardin, W9SAN, and there were about 35 people in attendance.

Following the pledge of allegiance, everyone identified themselves and their calls.

There were no minutes from the August meeting as that event hosted the annual Tailgate Hamfest and hence there was no business meeting.

Bob Streeter, W8ST, provided the Treasurer's report. As of 20 September, 2013 the treasury's balances were as follows:

Income, year-to-date	\$3,554.41
Expenses, year-to-date	\$1,295.35
Cash on hand	\$131.30
Checking balance	\$1,328.53
Savings balance	\$8,044.24

Al Burke, WB9SSE, reported that we have received a written response for the cost to replace the 146.910 (Echo-Link) system antenna, which is at the top of IPFW's Kettler Hall tower, from only one of the three tower climber firms from which we solicited pricing. The one quote received was for \$1,500.00.

It was noted that the 146.910 machine has been up and down lately. So Al Burke and Jim Pliett, K9OMA, plan a trip to the site next Tuesday to determine what's what.

Jack Shutt, W9GT, passed around a petition for signature that proposes to the ARRL that it establish extra points during Field Day operations for stations that operate vintage equipment as a part of the Field Day competition.

Steve Nardin announced that the ARES group is looking for volunteers to help provide communications support for a Fitness Marathon that is to occur next weekend. Contact Jim Moering, KB9W-WM, if you can help out.

Steve opened nominations for Officer and Board of Director positions for the 2014 club year. People willing to run for

various offices include:

President Steve Nardin, W9SAN
Vice President Carole Burke, WB9RUS
Treasurer Bob Streeter, W8ST
Secretary Al Burke, WB9SSE
Communications Manager
Charles Ward, KC9MUT

Board of Directors Rich Gilson, KC9PUX, Kim Machamer, KB9DOT, Jon Preble, AD9DX, Tom Rupp, KU8T, Tom Baker, N9TB and Linda Nardin, W9LAN

Steve noted that elections would occur next month at the October meeting and that nominations would be reopened during that meeting just prior to the elections. So if you're interested in running for a position as an Officer or on the Board, put your name in the hat during the October meeting, or contact Steve or any other Officer or Board of Directors member prior to the meeting and we'll get you on the ballot.

Steve noted that the Boy Scout's JOTA event will occur the third weekend in October at Camp Little Turtle in Steuben County, and the club is planning to provide a Ham Radio exhibit on 19 October from 09:00 to 16:00 local. We will operate three HF stations, one VHF station, and perhaps a satellite station. In addition, Foxhunting demonstrations that the Scouts can participate in are planned. Mike Boschet, AC9BE, is organizing the club participation and should be contacted by persons wishing to participate.

Following the business meeting ARRL Indiana Section Manager Lou Everett, WA5LOU, and his wife Doreen, AE5QM gave us briefings on the details of the Indiana Section Manager organization and what it does, plus a discussion on "Tips and Tonics for Healthy Radio Clubs".

Both presentations were very well done and very well received.

Respectfully submitted,
Al Burke, WB9SSE
Secretary, FWRC

SPARE CONTROLLER PUTS 444.875 REPEATER BACK ON THE AIR

The 444.875 machine is back up. The problem was in the controller, a couple of popped capacitors. Jim has installed our (one) spare controller and I put the system back in service September 7.

The capacitors are 0602 surface mount ceramics. We will attempt to obtain replacements from Digikey.

The controller (a type NHRC-micro) is available from NHRC for \$119.00 plus tax and shipping. I propose we invest in another spare as it remains to be seen if we can repair the controller that failed.

Given that, I recommend we raid the treasury and purchase a back-up controller. If the Board agrees, we can just buy one without having to put it to a membership vote.

Perhaps this is something for next Tuesday's Board meeting agenda. Jim, and I suspect I, will not be able to attend the meeting, so my proxy vote is to purchase a spare.

Al Burke, WB9SSE

Articles, photographs, and classified ads for publication in the *Allen County HamNews* should be emailed to the newsletter editor at AB9ZD (at) ARRL.NET before the first of the month.

Say Again?

"There's no chance that the iPhone is going to get any significant market share."

Steve Ballmer
USA Today, April 30, 2007

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

The 2013 Hamfest is rapidly approaching and final preparations are being made. Workers' positions will be assigned shortly. If you worked at the hamfest last year, your Manager should be contacting you soon to see if you are available this year. The Hamfest Chairman has a list of contact information for anyone that has been a member of ACARTS and/or FWRC in any or all of the last three years. The Auburn club has provided a list of their members that desire to work at the Hamfest. If you have not previously worked at the Hamfest, your help will be greatly appreciated. You can contact Jim, KB9IH, at kb9ih(at)



arrl.net, to let him know your availability and day and time you desire.

I really want to hear from you, the members, about what kind of programs you would like the club to have in 2014. What would you like to know more about? Have you heard a program or speaker in the past that you would like to hear again, maybe with current updates? Let me know. ACARTS is your club. What programs or activities would you like ACARTS to have?

73,

Dave Lindquist, W9LKH

ACARTS SEPTEMBER BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave asked if anyone had any ideas for the October meeting. Jim, KB9IH, said that he would see about getting a program together.

Dave also asked about where the Christmas Dinner should be held. Nothing was concluded and it was decided that it would be decided at the October Board meeting so that reservations could be made.

Jim, KB9IH, reported on the Hamfest preparation progress. He asked if cash prizes should be given this year as they were last year. It was decided that cash prizes worked out well last year and they would be continued this year.

Jim asked the opinion of the board members as to whether the Hamfest

should use radio and/or TV advertising this year. It was concluded that that type of advertising does not justify the expense for the number of attendees it would bring in.

He stated that Nuts and Volts magazine has asked for space to display and give away complimentary copies. They will not have any staff present, but they will be accommodated.

Jim also said that MARS has asked if the National Guard could set up an EM-



October 15: Topic to be determined.

Unless otherwise scheduled, all meetings are held at 7:00 PM at the Salvation Army Center, 2901 N. Clinton Street, Fort Wayne, IN.

ACARTS Officers

President

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net

Vice President

Dave Keiser, WB9UNL
260-244-3322
wb9unl(at)yahoo.com

Secretary

Treasurer

Howard Pletcher, N9ADS
260-747-5252
hrpletch(at)gmail.com

ACARTS Managers

Fundraising Manager:

Jim Boyer, KB9IH
260-489-6700
kb9ih(at)arrl.net

Station Managers (Acting)

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net
and Jim Boyer, KB9IH
260-489-6700
kb9ih(at)arrl.net

W9INX Trustee:

Dave Lindquist, W9LKH
260-485-6135
w9lkh(at)comcast.net

Directors at Large

Bob Erb, N9PWM
260-466-7772
roberterb(at)hotmail.com

Bernie Holm, K9JDF
260-485-0164
bgholmmg(at)earthlink.net

Dan Soper, KB9NGM
260-637-5787
dlsoper(at)frontier.com

COM display. They would like an area 100' by 100', preferably outside and on grass. It was decided that an outside area like that would be impractical and an inside area that large would not be possible. They will be offered a small indoor space with the rest of the EMCOM displays.

Jim also reported that Bill Kelsey is planning on giving the QRP forum and that Dan, KB9NGM, is finalizing the forum schedule.

No other business was discussed.

The meeting was adjourned at 8:30 p.m.

Submitted by Dave Lindquist, W9LKH

ACARTS SEPTEMBER GENERAL MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave reported that the mailing to the surrounding clubs was progressing well and that he had researched clubs county by county to get current addresses, find additional clubs, and eliminate non-existent clubs from the database. He added that he would like to get the mailing out by October 1st so that all of the clubs would receive them in time for their next meeting.

Dave also stated that the Fall IRCC meeting would be held on Saturday, October 12th, in Avon, Indiana. ACARTS representatives to the IRCC would not be able to attend.

Dave then gave a presentation on EchoLink.

Submitted by Dave Lindquist, W9LKH

MIXING HAM RADIO WITH HISTORY

Most of you probably know that shortly after the USS Indianapolis delivering critical parts for the first atomic bomb to be used in combat to the United States air base at Tinian, it was torpedoed by an Imperial Japanese Navy submarine. Only 317 of the 1196 crewmen survived. The Indiana War Memorial Museum in Indianapolis includes a gallery for the USS Indianapolis. Within it is a replica of the USS Indianapolis' radio room. Knowledgeable volunteers take great pride in explaining all the different equipment and how it would have been used on board ship. The radio room includes a fully functional ham radio station that uses the call sign WW2IND.

I contacted Chuck Christ at the museum to get more information on use of the ham radio station there. The exhibit is open daily Wed to Sun from 0900-1700 hrs local time. Their radio group is generally in the exhibit on Thursday and Sunday morning from 0930 to noon (more or less), depending on visitors in the Museum. You are welcome to come any time. If you let him know your plans in advance, he will make sure they have some of the ham radio/exhibit volunteers on hand to answer questions. While some of the information about the radio exhibit and the USS Indianapolis CA35 is on the museum's web site, it would be best to visit and hear the volunteers' presentation. Over 40,000 people have visited the exhibit since opening in November 2009.

They also participate in the ham radio special event "Museum Ships Weekend" traditionally held on the first weekend in June. In 2013, 106 ships or ship memori-



als participated in the event from the USS Missouri in Pearl Harbor, Hawaii to the US mainland to Europe and even Moscow and Australia. While operation on any amateur frequency is allowed, most ships operate in the General portion of the 80 meter to 6 meter bands, SSB, CW, and PSK 31. Preferred frequencies are published in advance. Some ships will also use Amplitude Modulation with either their ships original equipment or modern equipment. Where functional, ships are encouraged to fire up their original equipment and use it.

There are truly some fascinating vessels out there, and many of them will be on the air that weekend. Including a submarine that is at the highest elevation any submarine has ever been. It rests high and dry, in the middle of a bean field in

the midst of the Cherokee Nation in Oklahoma. It is the USS Batfish, that sank three enemy submarines in three days back in World War II. The hams who activate her for this and other events use a great call sign: WW2SUB.

So, if you are looking for something to do in Indianapolis, the USS Indianapolis Gallery is located in the Indiana War Memorial. The Indiana War Memorial Museum is open 9:00 AM to 5:00 PM, Wednesday - Sunday. The War Memorial Building and the museums are closed on Monday, Tuesday and on some national holidays. There is no admission charge for the museum. The Indiana War Memorial is located on Michigan Street between Meridian Street and Pennsylvania Street. You can contact Chuck Christ at ussindyradio@hotmail.com.

FWDXA

Fort Wayne DX Association

THINGS I DON'T DO ANYMORE . . . AND THINGS I STILL DO

Carl Luetzelschwab K9LA

The April 2013 column (about what was happening when I was first licensed) got me thinking about things I don't do anymore in Amateur Radio.



holder, I used a Number 2 pencil to lower the frequency several kilohertz. That was enough to make that crystal manageable on 40-Meters at night. When I eventually bought a VFO (an old Knightkit V44), there was no need to open up crystals anymore to change their frequency.

For example, back in my Novice and early General days I was crystal-controlled. I had a couple crystals for the old 40-Meter Novice band – 7170 kHz and 7193 kHz. I also bought a 7038 kHz crystal when I upgraded to General in May 1962 – it was useful on 40-Meters, on 20-Meters (by doubling to 14076 kHz), and on the old 15-Meter Novice band (by tripling to 21114 kHz).

A problem with the 7170 crystal was that it was right on Radio Moscow's 40-Meter frequency, making it pretty useless at night. A trick to resolve this issue was to rub pencil lead on the crystal itself to lower its frequency (you could also grind it to a higher frequency, but I never tried that). After disassembling the FT-243

My Novice and General days also had me changing between transmit and receive manually. My first T/R switch was a knife switch. As you can imagine, there was no break-in operation with this setup. When transceivers came out, that ended my manual T/R switching efforts. Transceivers also ended the practice of having to turn your receiver to stand-by (unless you had one of those fancy electronic T/R switches from the old ARRL Handbook).

Another thing I hardly do anymore is tune around the bands. There are really two aspects to this – tuning around looking for an answer to your CQ when you were crystal-controlled, and tuning around the band to see who's on. The

former issue went away with VFO control, and most of the latter went away with PacketCluster. I certainly don't miss being crystal-controlled and tuning around after a CQ, but I enjoyed tuning a band – it gave a great feel for real-time propagation.

Since I've listed several things I don't do anymore, are there any things

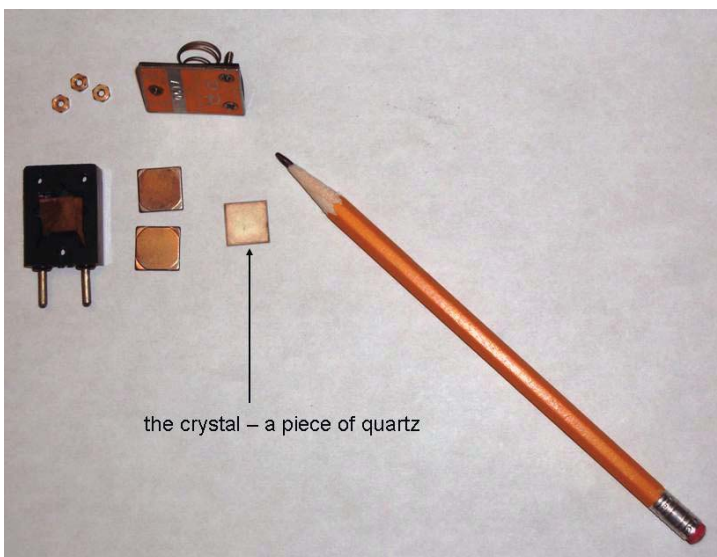


that I still do? I have to admit to a few of these.

I still log by hand for my general operating. I do use computer logging for contests, so I've advanced somewhat out of the dinosaur era.

And I still embrace paper QSLs. I've done eQSLs for our ZF and YK9A efforts and put the YK9A log on Logbook of the World, but I've never done LoTW for any of my personal QSOs – in other words, all my DXCC entities are confirmed with paper QSLs.

With respect to those last two things I still do, I could easily bring myself into the "space age." But I enjoy the personal aspect of maintaining a paper log and chasing paper QSLs. But if I was starting over from scratch with DXCC, I probably would go with an electronic log and LoTW – mostly to save money.

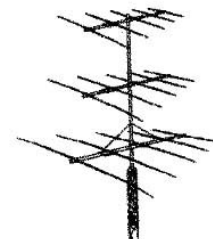


The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 7.

31st Annual KALAMAZOO HAMFEST



Sunday, October 20, 2013
Kalamazoo County Expo Center & Fairgrounds
2900 Lake Street, Kalamazoo MI
Hamfest 8 AM to Noon
Vendor Setup 6am Sunday with Saturday setup available



Sponsored by:
Kalamazoo Amateur Radio Club
Southwest Michigan Amateur Radio Team

*Our
41st
BIG
YEAR*

**FORT WAYNE
HAMFEST**
& Computer Expo

Allen County War Memorial Coliseum Exposition Center
4000 Parnell Avenue -- corner of Coliseum Blvd (Ind 930) and Parnell Avenue -- N 41 06.878 W 85 07.388

November 16/17, 2013

108,000 sq. ft. of indoor space - over 750 tables

International Ham Equipment Manufacturers

- Large Flea Market ⇔ Computer supplies •
- Forums and Meetings ⇔ Computers & Software •
- New & Used Ham Dealers ⇔ Main and Hourly Prizes •

2013 Indiana A.R.R.L. State Convention



Foxhunt - Continued from Page 1

the lowest mileage and time-to-find, (9.3 miles, 39 minutes). Our team was the second to find the fox (which was on the ground in some bushes effectively blending in quite well due to the camo wrapper that it was encased in). Our numbers were 15.2 miles & 60 minutes. Bob and Dave followed us with 16.7 miles and 99 minutes and then Steve, Linda and Alex completed the hunt with 28.3 miles and 139 minutes. So Charles and Fred were the winners and thus will serve as the fox for the October hunt.

Most everyone preceded to the Cold-

water Steak-N-Shake for the traditional after-hunt repast where the days happenings were discussed. We also agreed to use 146.160 MHz as the fox frequency for the October hunt.

Scores for this hunt, and the year-to-date point totals and year to date cumulative points are as listed below.

Respectfully submitted,
Al Burke, WB9SSE

2013 Foxhunt Schedule

The following is the planned Foxhunt schedule for 2013. All foxhunts start at 1:30 PM on Sunday afternoons at the Fort Wayne Off Track Betting Complex:

6 October
10 November

Please Note

The date of the November (last) foxhunt has been moved from the 3rd of November to the 10th of November.

FOX HUNT YEAR TO DATE POINTS

	WB9YYI	K9OMA	WB9SSE	WB9RUS	WA7NXI	KC9MUT	KC9EZP	KC9UHU	K9NDU	KB9DOS	KB9DOT
This Hunt	698	698	698	698	-	809.5	809.5	585.5	585.5	840	840
Total	3946	3946	3946	3946	739	5133.5	4873	5057.5	5057.5	4228.5	4228.5
	W9SAN	W9LAN	ALEX	KB9VTK	AB9IZ						
This Hunt	369.5	369.5	369.5	-	-						
Total	3580	2782	3580	1535.5	260.5						



A group picture Taken at the Findlay, Ohio Hamfest on Sep 8, 2013. Big turn out, lots of goodies and great bargains. The weather was good, overcast and cool. Tom -- KU8T

SCOUTING'S JAMBOREE-ON-THE-AIR WILL BE OCTOBER 19-20, 2013

Get ready for the 56th year of this annual on-the-air event! The Jamboree-on-the-Air, or JOTA, is an annual Scouting event that uses amateur radio to link Scouts around the world, around the nation, and in your own community.

JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio. Scouting experiences are exchanged and ideas are shared via radio waves. Since 1958 when the first Jamboree-on-the-Air was held, millions of Scouts have met each other through this event. Many contacts made during JOTA have resulted in pen pals and links between Scout troops that have lasted many years.

Scouts of any age can participate, from Cub Scouts to Boy Scouts and Venturers. Once at the ham radio station, the communication typically requires speaking into a microphone and listening on the station speakers. However, many forms of



Recommended starting frequencies for JOTA:

Band	SSB (phone)	CW (Morse)
80 m	3.690 & 3.940 MHz	3.570 MHz
40 m	7.090 & 7.190 MHz	7.030 MHz
20 m	14.290 MHz	14.060 MHz
17 m	18.140 MHz	18.080 MHz
15 m	21.360 MHz	21.140 MHz
12 m	24.960 MHz	24.910 MHz
10 m	28.390 MHz	28.180 MHz
6 m	50.160 MHz	50.160 MHz

specialized communication can also take place, such as video communication, digital communication using typed words on the computer transmitted by radio, communication through a satellite relay or an earth-based relay (called a repeater), and many others. The exchanges include such information as name, location (called QTH in ham speak), Scout rank, age, and hobbies. The World Scout Bureau reported that the 2012 JOTA had nearly 700,000 Scout participants from more than 13,500 amateur radio stations! A participant patch is available, as is a certificate/ log sheet that can also be used to fulfill a Radio merit badge requirement.

The official hours are from Saturday at 00:00 hours local time (right at midnight Friday) to Sunday 24:00 (midnight Sunday evening). So you've got the whole weekend to make JOTA contacts. You can also try out the "JOTA Jump Start" on Friday from 18:00 to 23:59 local time to test your setup.

HAMS A PLAY CRITICAL ROLE IN COLORADO FLOOD EVACUATION

The complete news story is available on the ARRL web site.

Amateur Radio volunteers assisting with communications in the aftermath of the devastating Colorado flooding came in for high praise recently for their role in helping to safely evacuate youngsters and others from a mountain environmental education center threatened with being cut off by road washouts. In an Op-Ed piece last week in the Longmont Times-Call, Sandra Harem, the executive director of the JP II Outdoor Lab in Estes Park, Colorado, cited the "amazing help" from hams and others in getting the students, school staff and Lab staff out of harm's way on September 12.

"The staff of the JP II Outdoor Lab would like to extend our heartfelt gratitude to the volunteers of the Mountain Emergency Radio Network [MERN] and so many others who helped the seventh-grade students, chaperones and staff of St Vincent De Paul Catholic School and staff of the JP II Outdoor Lab get home safely to their families," Harem said.

On September 12, Harem called the

Larimer County Sheriff's Office to find out about road conditions. Because of the heavy rainfall, she and the school's assistant principal were getting a group of seventh graders ready to leave as soon as possible. "The sheriff's office said Highways 34 and 36 were closed," she recounted. "We worked on alternative routes."

An hour later, the director of the affiliated High Peak Camp told Harem they needed to relocate in case power went down. The sheriff's office advised relocating to a Red Cross evacuation center in Allenspark, which subsequently invited the group.

Hearing the call, MERN volunteer Karel Kosman, KDØRFQ, contacted fellow MERN member Steve Coles, KDØRFT, that the group needed help evacuating. Coles deployed to the JP II Outdoor Lab and helped relocate the students, staff and chaperones safely, Harem said.

ARRL Colorado Section Manager Jack Ciaccia, WMØG, says MERN is an Amateur Radio repeater system built by members of the Boulder County (BCARES) group and was the brainchild of BCARES Emer-

gency Coordinator Allen Bishop, KØARK.

"The two MERN ham radio operators that were involved in this rescue, Steve Coles, KDØRFT, and Karel Kosman, KDØRFQ, are two of some 60 mountain residents who attended the ham radio classes put on by BCARES members in the mountain communities over the last year and were recently licensed after taking the FCC exam given by ARRL Volunteer Examiners who are also members of BCARES," Ciaccia pointed out.

He notes that the hams at the Boulder OEM and the EOC were BCARES operators who were monitoring all traffic from the MERN repeaters as well as from other EOCs on the air from flooded counties along the Front Range as well as communications from the state EOC. "The hams who happened to be monitoring at the Boulder EOC at the time were George Weber, KAØBSA, and Dave Sharpe, KIØHG," Ciaccia said. "These two hams, coincidentally, had been Steve and Karel's MERN ham radio license instructors and Volunteer Examiners as well as part of the BCARES group who built and installed the MERN repeaters."

CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest Web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contest include:

ARRL Contest Corral Web page: <http://www.arrl.org/contests>

WA7BNM Contest Calendar: <http://www.hornucopia.com/contestcal/>

ARRL's National Contest Journal calendar: <http://www.ncjweb.com/contestcal.php>

Contesting On-Line: <http://www.contesting.com/>

HF	Contest Title	Ph	CW	Dig	Exchange & Frequencies (MHz)	Logs Due
VHF+	Dates / Times				Sponsor's Web Site	
14-28	Worked All Britain HF Contest	X			RS, serial, DXCC entity or WAB are	Oct 28
	Oct 5, 1200Z - Oct 6, 1200Z				www.worked-all-britain.co.uk	
1.8-28	Pennsylvania QSO Party	X	X	X	Serial and ARRL/RAC section	Nov 14
50,144	Oct 12, 1600Z - See website				www.nittany-arc.net	
3.5-14	North American RTTY Sprint			X	Both call signs, serial, QTH, name	7 days
	Oct 13, 0000Z - Oct 13, 0400Z				www.ncjweb.com	
1.8-28	W/VE Islands QSO Party	X	X	X	RS(T) and S/P/C or island designator	Nov 30
50	Oct 19, 1600Z - Oct 20, 2359Z				www.usislands.org	
1.8-28	Illinois QSO Party	X	X		RS(T) and IL county or S/P/C	Nov 17
50,144	Oct 20, 1700Z - Oct 21, 0100Z				www.w9awe.org/ILQP.html	
1.8-28	School Club Roundup	X	X	X	RST, class and S/P/C	30 days
50+	Oct 21, 1300Z - Oct 25, 2359Z				www.arrl.org/school-club-roundup	
1.8-28	ARRL November Sweepstakes		X		Serial, category, call, check, ARRL/RAC sec	
	Nov 2, 2100Z - Nov 4, 0259Z				www.arrl.org/contests	
1.8-28	ARRL November Sweepstakes	X			Serial, category, call, check, ARRL/RAC sec	
	Nov 16, 2100Z - Nov 18, 0259Z				www.arrl.org/contests	

SKYWARN™ RECOGNITION DAY PLANNED FOR DECEMBER 7

Object: For all amateur stations to exchange QSO information with as many National Weather Service Stations as possible on 80, 40, 20, 15, 10, 6, and 2 meter bands plus the 70 centimeter band. Contacts via repeaters are permitted. SKYWARN™ Recognition Day serves to celebrate the contributions to public safety made by amateur radio operators during threatening weather.

Date: NWS stations will operate December 7, 2013, from 0000 - 2400 UTC.

Exchange: Call sign, signal report, QTH, and a one or two word description of the weather occurring at your site ("sunny", "partly cloudy", "windy", etc.).

Modes: NWS stations will work various modes including SSB, FM, AM, RTTY, CW,



and PSK31. While working digital modes, special event stations will append "NWS" to their call sign (e.g., NOA/NWS).

Station Control Operator: It is suggested that during SRD operations a non-NWS volunteer should serve as a control

operator for your station.

Event and QSL Information: The National Weather Service will provide event information via the internet. Event certificates will likely be electronic and printable this year.

Stay Tuned!

Details about the 2012 SKYWARN Recognition Day (SRD) can be found online at:

<http://www.wrh.noaa.gov/mtr/hamradio/>

Membership Application for ACARTS - and/or - FWRC

Name: _____ Call sign: _____ License class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ - _____ 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 \$20.00/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"/> \$20.00 / year
Family membership ¹	<input type="checkbox"/> \$30.00 / year
Student membership ²	<input type="checkbox"/> \$5.00 / year
Associate membership ³	<input type="checkbox"/> \$20.00 / year
Mailed newsletter premium	<input type="checkbox"/> \$20.00 / 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

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

ACARTS	Fort Wayne Radio Club.
PO Box 10342	PO Box 15127
Fort Wayne, IN 46851	Fort Wayne, IN 46885

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

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority
 147.255 (+) General use
 443.800 (+) General use
 (For autopatch 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 519521
 444.875 (+) General use
 ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

D-STAR

442.99375, Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G
 Indiana D-STAR net, 1st and 3rd Thursday, 7:30 - 8:30,
 Reflector REF024B

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(-)

Daily Indiana Traffic Net: 3.910 @ 8:30 a.m. & 3.940 @ 6:00 p.m. local times.

Daily (QIN) Indiana Section CW net: 3.535 @ 8:00 a.m. & 8:00 p.m. local times.

Miscellaneous Nets

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

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

"No-Name" Net: 8:30 pm Sunday and Wednesday nights. 1.965 MHz or cross band on the 146.91 repeater.

Little Red Barn Net: Weekdays @ 8:30 a.m. on 3820 kHz.

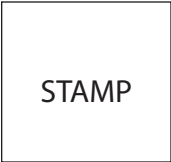
Northeast Indiana Packet Net: Sunday at 9:00 p.m. on 145.530 @ 1200 baud. We use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those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

6 Meter AM Net: Thurs. 8:00 p.m. on 50.580 AM

FW Area Student Net: Wed. 9:00 p.m. on 146.91-



To:

Activities Calendar



Date	Time	Event	Place
10/06/2013	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
10/08/2013	7:00 PM	FWRC Board Meeting	GSUMC
10/08/2013	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
10/15/2013	7:00 PM	ACARTS General Meeting	Salvation Army Facility
10/18/2013	7:00 PM	FWRC General Meeting and Elections	GSUMC
10/22/2013	7:00 PM	Hamfest Committee Meeting	On-the-air 147.255
11/10/2013	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
11/12/2013	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
11/12/2013	7:00 PM	FWRC Board Meeting	GSUMC
11/16/2013	9 AM - 4 PM	Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/17/2013	9 AM - 1 PM	Fort Wayne Hamfest	Allen County War Memorial Coliseum
11/19/2013	7:00 PM	ACARTS General Meeting	Salvation Army Facility
11/22/2013	7:00 PM	FWRC General Meeting and Elections	GSUMC