

LAPORTE COUNTY / HARBOR BEAM FEBRUARY 2016



146.970 / 441.950 (W9LY)
DIGITAL/FM DIGITAL/FM



146.610 (K9JSI)
Echolink Node: 193001

WIRES-X #21421

WHO WE ARE

Communications:

Matt Lasayko, KC9KUD
Dave Kaufman NU9I

Repeater Committee:

Matt Lasayko, Ron Broviak
Dan Sheetz, Ken Osborne,
Todd Saboff, Dan Foster,
Dave Kaufman, Mike
Broviak, Curt Yeater

Internet:

Stan Vandiver
Mike Broviak, Todd Saboff

Field Day:

John Phillips

NEWS LETTER:

Ken Osborne

Activities:

John Phillips

VE TESTING:

Scott Tharp

PUBLIC RELATIONS

Barb Cave

MEMBERSHIP:

Troy Harrison

AMATEUR RADIO A BRIDGE TO FRIENDSHIP

President:

Brian Salzer KB9HMR

Vice President:

John Phillips KA9PGC

Secretary:

Barb Cave KA6OJX

Treasure:

Ken Osborne N9ZIP

Board Members:

Ron Broviak, WA9RON

Dan Foster, KC9GFO

Dave Kaufman, NU9I

Trustee W9LY:

Dan Sheetz W9DWS

Trustee K9JSI:

Todd Saboff, AC9HQ

Tower Site:

Ken Osborne

John Phillips

Dan Foster

Bob Smith

Fund Raising:

Brian Salzer

Ken Osborne

Troy Harrison

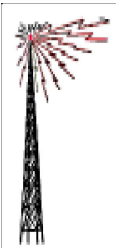
Ron Broviak

MEETING NOTICE:

Next LaPorte County
Amateur Radio club
meeting is
Monday February 22nd
7pm
@ THE KNIGHTS
OF COLUMBUS

**LAPORTE COUNTY
AMATEUR RADIO CLUB**

P.O. Box 148,
Michigan City, Indiana 46361
WEBPAGE: <http://lpcarc.org>
EMAIL: info@lpcarc.org
FACEBOOK: lpcarc
A 501 (c) (3) Public Charity # 35-1390856



**ARES EMERGENCY
COORDINATOR:**

Dan Foster, KC9GFO

RACES OFFICERS:

Ken Osborne, N9ZIP

Dan Foster, KC9GFO

Ken Maynard, W8KRM

SKYWARN:

Ken Osborne, N9ZIP

In This Issue

CLUB DUES

HAMFEST

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WELCOME



**TO
THE
LaPorte
County
Amateur Radio
Club**

lpcarc.org

LaPorte County / Harbor Beam

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WEEKLY BREAKFAST

Club members meet for Breakfast at

TOPSKILLET

1st Thursday of the month @ 8am

B&J's

All other Thursday's @8am

Both locations are in LaPorte

The LaPorte County / Harbor Beam is published on the Saturday, before the monthly club meeting, 12 times each year, as a service of the LaPorte County Amateur Club; for it's members and those interested. Inquires and submissions should be sent to the LaPorte County / Harbor Beam Editor at our e-mail address info@lpcarc.org.

CLUB DUES

Your Club Membership Dues is now being taken. Your dues can be paid any club meeting, or by mail.

2016 DUES
\$15.00

Our Mailing Address is:

LPCARC
P.O. Box 148
Michigan City, Indiana 46361



IT'S HAMFEST TIME AGAIN

Boys and Girls, Moms and Dads, Children of all ages..... IT'S HAMFEST SEASON

On Saturday, February 27th the LaPorte County Amateur Radio Club will sponsor the Cabin Fever Hamfest at the Civic Auditorium, in LaPorte. Doors open at 7am and runs till 1pm. Admission at the door is \$7.00. VE TESTING will be held startimng at 9am. Talk-in will be on 146.610Mhz.

Our Hamfest is generally one of the first, of the year. Come on out, meet up with old friends, and look for that deal, you have been searching for.

The best thing about a Hamfest, you never know what you might find.

We still need volunteers to help out. We need help at the front door. We need some young blood to help with setup on Friday night and Saturday morning.

At our next meeting, the final plans will be put in place. If you can help out, please attend the meeting or send Brian or Ron an e-mail.

HAMFESTHAMFESTHAMFEST

WIRES - X NOW YOU KNOW

Ever wonder how Wires - X works?

What I am referring to is direct site to site, or site to multi-site linking over IP using the HRI-200, as opposed to joining rooms/reflectors.

This is how WiRES-X works. Each node is assigned a room. The node and room are hosted on the node computer. Each member of the room communicates directly with the Room's computer. The associated node obviously does not need to leave the computer to be in the room.

So all nodes in a room are communicating directly with the node hosting the room - so that node should have good bandwidth (both Internet and CPU).

This type of configuration lowers the demand on each node since a node in a popular room still only needs to transmit one stream to the room.

Another topology is a star configuration where each node transmits a stream to every other node. Okay for 3-5 nodes, but more problematic as the number of nodes grow.

All of this needs to be coordinated by a central host. For WiRES-X that's done by the servers in Japan that keep each node up-to-date with every active node/room #, name, description, and IP address.

EchoLink operates similarly. There is a central server that coordinates all of the nodes. Each node can be programmed to host a certain number of simultaneous contacts (like a room) except Echolink bandwidth requires are much larger and most home Internet accounts can't handle more than 10 connections.

Since these systems use UDP and real-time performance is critical, you never want to use more than 10-25% of available bandwidth.

Echolink is also different in that it permits chaining one node to another to another. It works, but the extra delays probably increase the chances of doubles.

RAMBLING

In looking at our club membership, the majority of members are Tech's, followed by General then Extra. When I was Tech. I would dream, how cool it would be to work the HF Bands. At Field Day, I would work the radio for hours, for it was one of the few times I could play with HF. When I got my General and then my first HF rig, it was so awesome then age old question that hits most Generals, finally bit me. "Should I put an HF rig, in my car?" Besides the cost, it was for me, the amount of time I spent traveling, which was very little. So the HF rig, in the car, never made it. Still when I drove, there were times, when I thought, how cool would it be to work HF from your car?

Well now I can. No I didn't buy an HF rig for the car. I use my dual band mobile. Thanks to our club for installing WIRES-X on the UHF repeater. As with anything new, bugs were worked out. Those who use WIRES-X has evolved. People, actually carry have QSO's. DX stations log into the node we are on, so guess what? I can now work DX, in my car, as if I had an HF rig. You don't need General to work DX or WIRES.

Did you know, you still can use the UHF repeater for local contacts and QSO's. If the Freq. is clear, make a local call or contact.



Calendar of Events



GET ON BOARD
JOIN IN THE FUN
WITH AMATEUR RADIO

LaPorte County Amateur Radio Club Meeting Calendar for 2015

JAN **FEB** MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Meeting	18	22	21	18	16	20	18	22	19	17	21	TBA
Location	LP	LP	LP	LP	TS	TS	TS	TS	TS	LP	LP	TS

LP= LaPorte Knights of Columbus TS= Tower Site, U.S. 35 & Schultz Rd.

**CABIN FEVER
HAMFEST
SATURDAY
FEBRUARY 27, 2016**

**SPRING
CLEAN UP**

FIELD DAY

**LIGHTHOUSE
WEEKEND**

FOX HUNTS

Cabin Fever HamFest

Saturday, February 27th , 2016

7:00 am-1pm CST

**La Porte Civic Auditorium
1001 Ridge St, La Porte, Indiana**

**General Admission \$7.00
Talk-In 146.610 (131.8)**

For Table Reservations

Contact:

cabinfeverhamfest@gmail.com

Free Parking

Food Concessions

VE TESTING 9am

Door Prizes

Tables \$15.00/per

**(1st table includes 1 free
admission)**

Electric \$5.00 extra

(per Vendor / Limited Access)

ADVANCE RESERVATIONS

MUST BE PAID IN ADVANCE

BY FEB 13TH ,2016

No Refunds

Reservations can be mailed to:

LPCARC

PO BOX 148

Michigan City, Indiana 46361

Are you BOARD?



**Here is
The Cure!**

CABIN FEVER HAMFEST

is sponsored by

The La Porte County

Amateur Radio Club

**Visit <http://lpcarc.org/hamfest>
for updates and information**

