

# HBQRP Group News Letter

QRP

## Mid West HomeBrewer's and QRP Group



### Group has distinguished visitor

Timothy Stabler, WB9NLZ, drove over from Valparaiso, IN to join us for our get together during September. Tim writes the QRP Clubhouse articles featured in the QRP Quarterly, the publication of the QRP ARCI.

Several of the group were beginning work on the little SDR (Software Defined Radio) kits which had just arrived. Ray, N5SEZ demonstrated using solder paste and a heat gun to make those little SMT bug-gers stick right where we put them. (See note on page 4). Every one managed to get all the SMT parts mounted during the get together and only needed to finish up on the 'through the hole' parts



when they got home. No report as of yet about how many of the kits are on the Air.

All of the members of our group were delighted that Tim came all that way to visit with us and enjoyed meeting him in person.

He is invited back anytime

he would like to drop in.

If you do not get the QRP ARCI Quarterly, you can join for only \$20.00 bucks a year and get 4 issues. Just go to this web site.

<http://www.qrparci.org/>

Thanks for the visit, Tim, come back soon!



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<— In the photo -

*Back row*

*Jim KØØRD*

*Jim KØEMC*

*Brian KMØY*

*Joe KØNEB*

*Darrel KØAWB*

*Front row:*

*Ray N5SEZ*

*Dar W9HZE*

*Tim WB9NLZ*

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## The HBQRP Group is 3 years old



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And—Brian, KMØY, brought a really nice cake. Our group meets on the second Saturday of the odd numbered months at the Bordeaux Pizza Place in Ashland, NE.

Everyone forgot their cameras this time so Dar had to take a couple of shots with his phone's camera.

Next meeting will be Jan. 12th, 2008.

Come and join us.

## Group members participate in Polar Bear Event for Oct.

Two members of the Group went out to the Offutt AFB base lake and set up on 40 and 20 meters. Dar ( W9HZC—Polar Bear #9 ) had his trusty OHR 20 meter rig connected to the HAM stick on the roof of his little Chevy Cobalt and Ray (N5SEZ—Polar Bear #27 ) operated 40 meters with a full size di-pole strung up in the trees over the top of his car. Dar made one contact with Mark, NK8Q, one of the head Bears (Polar Bear #4).

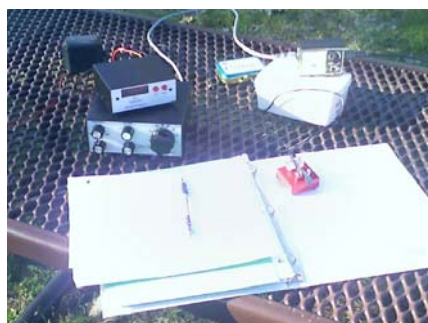
For Information about this Monthly Winter event, visit the following web site.

<http://www.n3epa.org/Pages/PolarBear.htm>

If you are interested in going out, contact any of the local 'Bears'



**Ray N5SEZ.**  
Ray had his newly built ATS-3 there for tests and used Dar's MFJ 40 meter rig



### Nebraska Polar Bears

Dar W9HZC—# 9, Brian KMØY—# 10, Gordon NWØY—# 14, Jim KØJL—# 25, Ray N5SEZ—# 27

## Current projects on the QRP work bench.

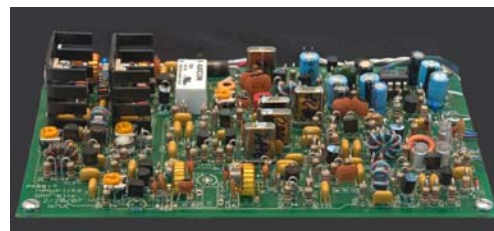
Just imagine, building your own little 10 watt SSB rig. QPRKits has introduced the BITX-20 kit that makes it all possible. Several of our group are quite busy with the old soldering iron (not the one Darrel broke!) and trying to get their rig on the air first.

Well, I did promise a prize to which ever member showed up at a meeting

first with a 'functional' rig. No takers just yet but I'm thinking Joe, KØNEB is in the lead at this point..

We will see at the January 12th, 2008 meeting who will walk off with the prize.

De W9HZC...



**BITX-20—20 meter SSB, 10 watts kit**  
<http://www.qrpkits.com/>

## Our 3rd Anniversary get together—Pictures



**KMØY cuts the cake**



**KØAWB broke the soldering Iron**



**Now KØAWB takes a break!  
That is KØNEB in the back**



**KAØNCR & KGØRD**



**N5SEZ & WØSMY**

## Our Favorite Gadget—the NØXAS keyer.

Our QRP Group is quite fortunate as one of our charter members is Dale, NØXAS, of HamGadgets.Com and designer of the PicoKeyer.

This is a great little keyer, it fits in one half of an Altoids can, and can be built right into many existing rigs with little or no effort.

This great little kit was our first group project at our first meeting and was a

big hit. Every keyer built during that meeting was functional and operational before the meeting was over. This was a first time kit for a couple of our members, and having something work right off the soldering iron was a great incentive for moving on to another, bigger project. Several of the 'new' builders built one of the SW-XX Kits from Small Wonder Labs as project #2. To learn more about the



PicoKeyer, Visit Dale's on-line store at <http://www.hamgadgets.com>

Tell him we sent you

## Local boy make good—Steve Sellmeyer, WBØQQT



**The Hendricks QRP Kits  
PCB-Vise**

The PCB-Vise now sold by Hendricks QRP Kits was designed and perfected by our own, Steve Sellmeyer, WBØQQT

Steve use the QRP Group as Guinea pigs testers while working out the bugs. We are all proud to see his hard work rewarded. Bravo, Steve.



**Steve Sellmeyer, WBØQQT**





## Mid West HomeBrewer's and QRP Group

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The Midwest HomeBrewer's and QRP group is a bunch of Amateur Radio folks who like to build, experiment, play and operate QRP radios from anywhere. Our group has varied interests and you will find us operating CW, SSB, PSK, TTY, FM, AM or two tin cans on a string. The purpose of the group is to have a good time, build stuff, chat about radios and other related stuff and (oh yea!) EAT!

Our meetings are on the second Saturday of the odd numbered months, (unless of course there is a HUSKERS game that week, then we work around the game...!!) Everyone is welcome to drop in at the Bordeaux Pizza Place in Ashland, NE, just off highway 6.

Come and join the fun!!



**NOTE:** Ray, N5SEZ wanted to be sure that the clever guy who developed the heat gun procedure could be found at <http://www.zianet.com/erg/>



The NorCal S9 signal generator is a crystal-controlled oscillator which produces switchable output levels at selectable frequencies. All of the board-mounted components are included in the kit, all you need to add is a 9V battery. Rubber feet are supplied for enclosure-free operation, or you can easily fit it into an Altoids tin.

The S9 level is useful for testing and calibrating receiver S-meters while S1 level can be used for receiver alignment and sensitivity checks. The os-

## Project for Next Meeting—Jan 12th 2008

cillator works with most fundamental mode crystals, so you can substitute your favorite frequencies up to 15m. The output harmonics also can be used to reach into the higher bands.

The majority of the components are surface mount technology (SMT), but are easily mounted due to wide component spacing. If this is your first SMT kit, be sure to read the assembly tips section which will guide you to a successful assembly

P.S. Ray (N5SEZ) thinks if you hook this up to a "tuner upper, you will get a 4 band tuner. Now there is an idea...

Kits are \$30.00 each, e-mail Darrel KOAWB and he will order for the group and you can pay him at the meeting. 73's de W9HZC..

## WELCOME...!!

Welcome to the premiere issue Of the HBQRP Group Newsletter. As our meetings are scheduled on the odd numbered months, so we will attempt to publish this news letter on the even numbered months following each get together (Feb., Apr., Jun., Aug., Oct., & Dec.). This newsletter will be posted in PDF format on our web site at <http://www.qsl.net/hbqrp> for download. Any comments or suggestions are welcome. Thanks and please enjoy our efforts.