

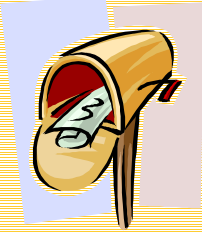
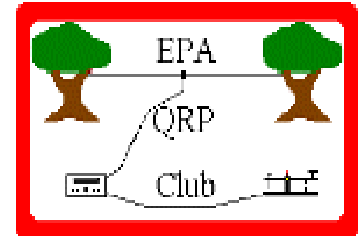
# EPA-QRP Club Sounder

July Newsletter

7/01/2004

*Publisher: Eastern Pennsylvania QRP Club*

**"QRP- More than Radio, it's a Lifestyle"**



## EPA-QRP Club Articles:

- New EPA-QRP Club Members
- July Website Member Sponsor
- N3AO's Virginia AT Trip
- WA3WSJ's PA AT Trip
- WA3WSJ's DE L.H. Tour

## Individual Highlights:

KB3LFC	1
KB2MMO	1
July Web Sponsor	2
EPA- AT News	3
QRP Forums etc.	4
WA3WSJ's Tour	4
Contest Corner	5-6
FCC 40M Band	6-7
Century 21 Mod	8
KB2MMO..	8

## New Member Profile: KB3LFC

After a 10 year or so hiatus from amateur radio I realized I still had "the bug." Although my license had been expired for four years, in May, 2004, I decided to take the Technician Class test being offered by the Mahoning Valley Radio Club in Youngstown, Ohio. I received my new call, KB3LFC, May 26. On June 6th I took and passed the General Class exam at the Breeze Shooters Butler, Pa. Hamfest. I am 60 years old and for the past seven years I have been a newspaper reporter/photographer for the Leader Times in Kittanning, Pa. (Part of Tribune Review Publishing Co., Pittsburgh.) My XYL is Joanne ( a genuine Wisconsin cheese head--Greenbay Packer fan) and between us we have eight children. Our two youngest children are identical twin sons, Ariel and Ethan. I also have 10 grandchildren and a step grandson. More than a decade ago my primary amateur radio interest was operating QRP-CW, using a Century 21, a Ten-Tec Argonaut, and an old HW-7. In early 1993 we had a house fire and I lost all my amateur gear with the exception of the HW-7. However, I soon "lost interest" in radio until the spark was rekindled earlier this year. I look forward to more QRP operation and hope to get on 6-Meters and on 30-Meters in the near future. Joanne and I live on a 25-acre tract of land in Manor Township located between Kittanning and Ford City, Pa. In addition to amateur radio we enjoy fishing, gardening, and combat pistol shooting. I am also engaged in a continuing study of Hebrew and enjoy reading a Torah Scroll we own and other Hebrew writings. 73s to all. Tom

**Welcome aboard Tom EPA # 132!**

## New Member Profile: KB2MMO

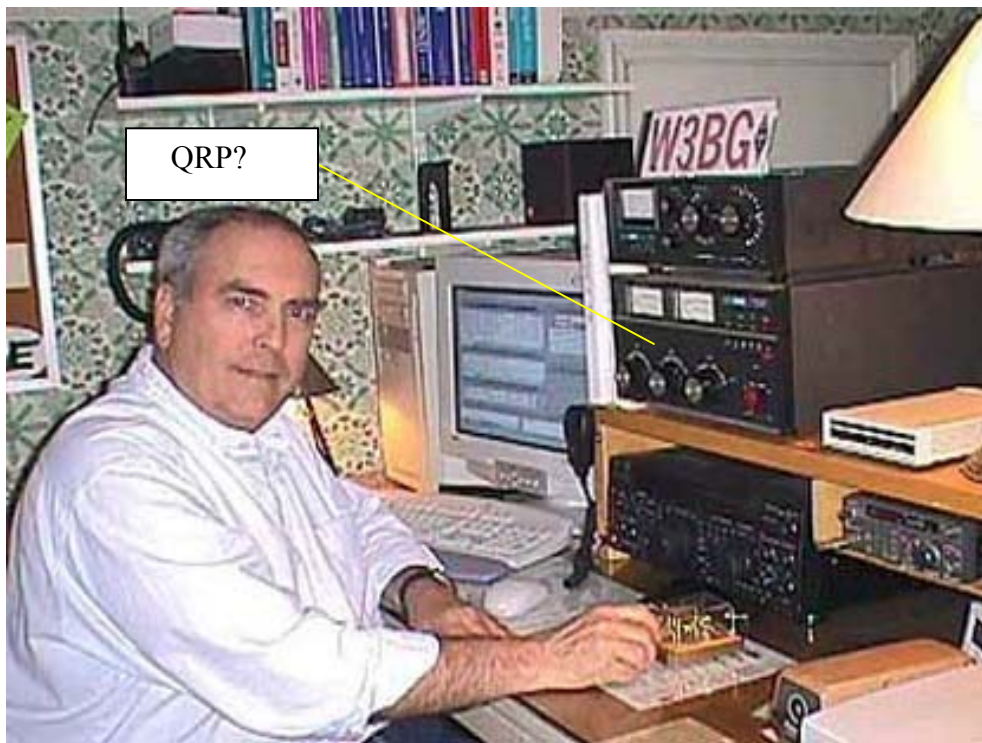
Mike Newell, KB2MMO, is new member number 131. Welcome to the EPA QRP Club Mike! We hope to meet you sometime at a club meeting or at a Field Day.

**Welcome aboard Mike EPA # 131!**

Continued on page 8..



## July Website Sponsor: W3BG



QRP?

Hey Jim! What is that big thing on the shelf in front of you- QRP?  
I just had to do this with that amp just sitting in front of you! Thanks  
for all your support with the EPA QRP Club Website.



## EPA-QRP Appalachian Trail Awards Program News

The AT Awards program now has a chairman - Carter Craigie, N3AO. I hope Carter will provide me with information about who has obtained an AT Award. As you might know, certain contest contacts are now allowed to count towards your AT Award! This is a great idea that might allow more operators to have one of these beautiful At Awards hanging in their shack. The award is very beautiful so make a few AT contacts and receive one. Check out our website for more details at:

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

### N3AO: Carter's Virginia AT Trip

I did my first Appalachian Trail "Hike & Ham" trip to Virginia on Saturday, June 12. I had the good fortune to have QSOs with EPA club members Carl W3EEK and with Craig WB3GCK, among others. Great fun! I regret not hearing you, however, Ed!

I also worked club member Jim W3BG from on top of the mountain. His signal was absolutely fantastic, and he gave me a good report on my (by then) 1 Watt signal, a 579! I was using my Elecraft KX1 to a dipole cut for my favorite 40-meter frequency: 7.043.

I started at 2W and ended at 1W, using the 6 Lithium AA batteries inside the rig.  
73, Carter, N3AO

*Editor's Note: WA3WSJ was operating from Turtle Rock Lighthouse that day on SSB!*

### WA3WSJ: Pennsylvania AT Trip

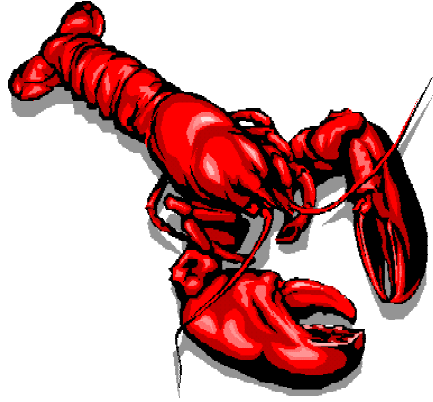
Hello all,

I'm planning an AT Trip here in PA starting July 8<sup>th</sup> to July 9<sup>th</sup>. I will hike the AT from Port Clinton to Rt.183. I plan to start at Port Clinton and hike to Eagles Nest Shelter which is about an eight to nine mile hike. I will operate Thursday night on 20m/40m. On Friday morning I will operate for a couple of hours and then hike to Rt.183. All this only if the weather is ok-hi! I will use my K1 and my VBWFPA on 20m/40m. So look for me on the usual QRP frequencies. Oh yes – "Trevor Boy" will hike with me!

72, Ed, WA3WSJ



## QRP Forums etc. Place



# Lobstercon

July 9,10, 11

The premier QRP event in Northern New England. Its a "relaxed QRP forum," where QRPers can gather to discuss the finer points of the hobby.

[Thomas Point Beach Campground](#)  
Brunswick, Maine

For information on  
Lobstercon-3 in July 2004,  
send email to  
[lobstercon@wulfden.org](mailto:lobstercon@wulfden.org)

ARLHS Convention	October 8 <sup>th</sup> to 10 <sup>th</sup>	<a href="http://arlhs.com/convention2004/registration.html">http://arlhs.com/convention2004/registration.html</a>
Pacificon California	October 16 – 18	<a href="http://www.amqrp.org/pacificon">http://www.amqrp.org/pacificon</a>

## WA3WSJ's Delaware Lighthouse Tour



Fenwick Island Light ARLHS USA-283

Look for me operating from four lighthouses and one lightship from July 22<sup>nd</sup> to July 27<sup>th</sup>. I will camp at Henlopen State Park Campground. I plan to operate from the back of my truck at each location and will be on 40m and 20m ssb and cw. Look for me on 40m first around 7.270mhz and 7.040mhz. Later in the day on 20m around 14.270mhz and 14.060mhz. I plan to operate PSK31 in the evenings from my tent. Hope to hear you on the air! Oh yeah, I'll hit the beach too!

Ed, WA3WSJ



## EPA-QRP Contest Corner

### N2CQ QRP CONTEST CALENDAR

June 24 - July 30, 2004 ~~~~~

Summer FOX Hunt - CW:

Every Friday June 18 (UTC) through August 20 (UTC) 0100z to 0300z  
(9 PM - 11 PM EDT Thurs evening US/Canada)

Info: <http://www.cqc.org/fox/>

Truffle Hunt - CW:

30 min before CW Fox hunt.

Info: <http://fpqrp.com/struffle.html>

Summer SSB Fox Hunt:

Every Friday June 18 (UTC) through August 20 (UTC) 0000z to 0100z (8 PM - 9 PM EDT Thurs evening US/Canada)

Info: <http://www.zianet.com/k5di/ssbfox.htm>

UK DX Contest (CW) ... QRP Category

Jun 25, 1400z to Jun 26, 1400z

Rules: <http://www.srars.org/ukdxcruleseng.pdf>

SP QRP Contest (CW) ... QRP Contest!

Jun 26, 1200z to Jun 27, 1200z

Rules: <http://www.sk3bg.se/contest/spqrp.htm>

Marconi Memorial Contest (CW) ... QRP Category

Jun 26, 1400z to Jun 27, 1400z

Rules: <http://www.qsl.net/ik6ptj/marconi.htm>

ARRL Field Day (CW/SSB/RTTY)... QRP Category

Jun 26, 1800z to Jun 27, 2100z

Rules: <http://www.arrl.org/contests/rules/2004/rules-fd-2004.html>

QRP ARCI Milliwatt Field Day (ALL)... QRP Contest!

Jun 26, 1800z to Jun 27, 2100z

Rules: <http://2hams.net/ARCI/index.htm>

RAC Canada Day Contest (CW/SSB) ... QRP Category

Jul 1, 0000z to 2359z

Rules: <http://www.rac.ca/opsinfo/infocont.htm>

"RUN WITH RAC" for more awards from QRP-Canada

See <http://www.qrp-canada.com/>

Original QRP Contest (CW) ... QRP Contest!

Jul 3, 1500z to Jul 4, 1500z

Rules: <http://www.qrpcc.de/contestrules/oqrpr.html>

MI QRP Fourth of July Sprint (CW) ... QRP Contest!

Jul 4, 2300z to Jul 5, 0300z

Rules: <http://www.qsl.net/miqrpclub/contest.html>

Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jul 6, 0100z to 0300z (US/Canada Monday evening)

Rules: <http://www.arsqrp.com/>

IARU HF World Championship (CW/SSB) ... QRP Category

Jul 10, 1200z to Jul 11, 1200z

Rules: <http://www.arrl.org/contests/rules/2004/iaru.html>

UK DX Contest (RTTY) ... QRP Category

Jul 10, 1200z to Jul 11, 1200z

Rules: <http://www.srars.org/ukdxcruleseng.pdf>

FISTS Summer Sprint (CW) ... QRP Category

Jul 10, 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>



QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 11, 2000z to 2400z

Rules: <http://2hams.net/ARCI/index.htm>

VK/trans-Tasman Contests (160m) ... QRP Category

Jul 17, 0800z to 1400z

Rules: <http://home.primus.com.au/vktasman/>

AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 17, 1500z to Jul 18, 1500z

Rules: <http://home.online.no/~janalme/rules/agewdl.txt>

North American QSO Party (RTTY) /QRP Entries Noted

Jul 17, 1800Z to Jul 18, 0600Z

Rules: <http://www.ncjweb.com/naqprules.php>

CQ WW VHF Contest (All, 6 & 2 Meters) ... QRP (10W) Category Jul 17, 1800z to Jul 18, 2100z

Rules: <http://www.cq-amateur-radio.com/infoc.html>

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 18, 0900z to 1200z

Jul 18, 1300z to 1600z

Rules: <http://www.contesting.co.uk/hfcc/rules/rqrp.shtml>

CQC Great Colorado Gold Rush (20 Meters CW) ... QRP Contest! Jul 18, 2000z to 2200z

Rules: <http://www.cqc.org/contests/index.htm> ?

Islands On The Air Contest (CW/SSB) ... QRP Category

Jul 24, 1200z to Jul 25, 1200z

Rules: <http://www.contesting.co.uk/hfcc/rules/riota.shtml>

Flight of the Bumblebees (CW) ... QRP Contest!

Jul 25, 1700z to 2100z

Rules: <http://www.arsqrp.com/>

Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

## **FCC 40 Meter Band Update**

=>FCC SAYS PENDING 40-METER CHANGES WILL ENHANCE SPECTRUM EFFICIENCY

The FCC says pending changes in the 40-meter amateur band as a result of World Radio communication Conference 2003 (WRC-03) will improve spectrum efficiency. The Commission's remark came in a Notice of Proposed Rule Making (NPRM) in ET Docket 04-139, which seeks public comments on proposed rule changes to complete domestic implementation of various WRC-03 allocation decisions. The NPRM primarily affects Parts 2, 25 and 73 of the FCC's rules.



"We anticipate that administrations in Regions 1 and 3 will in the near future authorize phone emissions in the segment 7150-7200 kHz," the FCC predicted in the NPRM, "and we note the ARRL has requested that the [US] frequency segment for phone emissions be expanded to 7125-7300 kHz." The FCC said authorizing phone in the 7150-7200 kHz segment of the band would permit same-frequency US-to-DX contacts, resulting in increased spectrum efficiency. Amateurs in the Region 1 countries of Norway, Croatia and San Marino already have been granted access to 7100 to 7200 kHz on a secondary, non-interference basis.

Under the present regime, most amateur stations in Regions 1 and 3 use 7075-7100 kHz for phone. Since the US phone band is 7150 to 7300 kHz, this means most US-to-DX operation requires "split" operation. The band 7000-7300 kHz is allocated to the Amateur Service on a primary, exclusive basis in Region 2, but that is not the case in much of the rest of the world.

Effective next January 1, WRC-03 allocated the band 7100-7200 kHz to the Amateur Service in Regions 1 and 3 on a co-primary basis with broadcasting. After March 29, 2009, 7100-7200 kHz will be allocated to the Amateur Service on an exclusive basis throughout the world, except in some Region 1 and Region 3 countries.

"As such, Amateur Service use of this 100 kilohertz will be on a de facto secondary basis in Regions 1 and 3 until the broadcasting service vacates the band 7100-7200 kHz at the conclusion of Schedule B in 2009," the FCC noted. "This means that amateur stations in Regions 1 and 3 will shortly be permitted to transmit in the band 7100-7200 kHz, if they can find a frequency that is not being used by an international broadcast station."

The FCC said it doesn't think it needs to update its Part 97 Amateur Service rules until administrations in Regions 1 and 3 implement changes to allow amateurs to transmit in the 7100-7200 kHz segment

"As a practical matter, we do not believe that the Amateur Service can make use of the band 7100-7200 kHz in Regions 1 and 3 in advance of HF broadcasting stations vacating the band because of the great power disparity between amateur stations and international broadcast stations," the FCC concluded.

NPRM also addresses the deployment of Earth Exploration Satellite Service-Active (EESS-Active) spacecraft in the 70-cm band. The FCC said it "tentatively" finds that any secondary EESS-Active allocation at 432-438 MHz should be limited to federal government use. The Commission said operation in that allocation "should not cause harmful interference to, nor claim protection from, any other services allocated in the band in the United States, including the Amateur-Satellite service."

Comments in the proceeding are due July 16, with reply by August 2. Interested parties may view the entire NPRM, file comments and view comments filed in ET Docket 04-139 via the FCC's Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>

Source: ARRL Online Letter



## KB3LFC: Century 21 QRPP Modification

Tom Mitchell here, KB3LFC (Ex-KC3YD). I don't know exactly what you're looking for since I have never received an EPA Club newsletter (I just joined). Anyhow, here's a modification tip that may be of use to newsletter readers concerning taking the Century 21 down to QRPP levels. (Of course, I assume no responsibility for any undesirable result or damage to the rig by trying this modification).

While living in Schuylkill County, Pa. and operating as KC3YD in the late 1980s through early 1990s, I most often ran my Century 21 at QRP levels, 1 to 5 watts. However, to get into the milliwatt range Century 21 owners may replace the 50,000 ohm linear taper drive pot with a 50,000 ohm audio taper pot. That's all there is to it.

(If you want to print this, OK, if not, that's FB too).

PS: I allowed my license to expire in 2000. This year I got "the bug" again and on May 20 passed my Tech exam in Youngstown, Ohio and got the call KB3LFC. On June 6 I passed my General exam at the Breezeshooter's Ham Fest in Butler, Pa. In the mid to late 1980s and early 1990s I operated mostly QRP CW from Schuylkill County until a house fire destroyed everything in Feb. 1993. For the most part I've been off the air since then. Hope to get on HF this fall -- QRP CW, of course.

BST 73s to all, Tom, KB3LFC

## KB2MMO Continued..

My name is Mike Newell KB2MMO and I own a weekend home in East Stroudsburg, Pa. off of Route 447. (Pocono Mountains) My main QTH is Staten Island, NY. I am an avid QRP'er as I operate from my weekend home on my MFJ 9440 with a sloper at 25 feet strung in the trees. My key is a straight key William Nye, "my original".

I operate only CW and am a member of CW Fist. I have been a licensed ham since March 1991....a novice....not interested in upgrading as I have no desire for phone work and never did. I have been all around the world on CW. I also have an MFJ 9440 and a 9415 at my shack on Staten Island that I use in my yard along with a small portable whip antenna made by MFJ....the model number escapes me. My regular rig is a Yeasu FT 840 and it is my original. I also use a William Nye straight key there as well as my QRP in my yard. I am a big fan of CW and QRP...and have worked most of Europe, South America, USA Canada Alaska and Hawaii when the band is open on 15 meters and sometimes but not often on 40 meters.

I have built a couple of small QRP rigs...one for 80..(1watt) and a small 40 meter (2watts.) I am usually on 40 meters early in the morning (KB2MMO/3) when I am at my weekend home in PA....mostly around 7.130-7.140 and occasionally at 7.110. During the winter months I try going on 80 meters QRP with my 1 watt peanut whistle. I have some luck with it but not much..... as I am between 2 mountains. Possibly looking to build a 5 watt 80 meter this year but still scouting the QRP pages for plans.

72 Mike, KB2MMO



