



Est. 1975

# OLD BARNEY AMATEUR RADIO CLUB N2OB

Webpage: <http://www.OBARC.org>



JUNE 2018

E-Mail: [N2OB@arrl.net](mailto:N2OB@arrl.net)



Affiliated

**NEXT MEETING: Tuesday, June 5th, 2018 at 7:30pm**

**Bay Avenue Community Center**

**775 E. Bay Avenue**

**Manahawkin, NJ**

### President's Corner

Steve Molo, KI4KWR

Well....another great Dayton HAMVENTION from Xenia, OH. This year was far better than last year no doubt. Finally got my mittens on the famous pork chop sandwich and amazing and very filling. We enjoyed the DX Dinner by all that went from both OBARC and SJDXA. I was able to get two tickets to the big Contest Dinner so Ira N2WAA and John NA2R attended on our behalf and had a wonderful time. Take a read on Ira's view of Dayton....might get a few of you going in 2019.

Field Day is right around the corner so I ask that everyone come on out and have some fun for 24 hours. We really need a rough count who will be attended to setup/operate and tear down...please let N2OO via email know.

Reminder...I am giving away a MFJ-941EK \*Do It Yourself\* HF Tuner Kit! 1.8-30MHz, 300W, cross-needle meter, MFJ Versa Tuner to any newly licensed ham within the last two years who makes the most contacts during Field Day.

Stay safe and hope for warmer weather for June to work on antennas, FT-8 and get on the air!!

73,

Steve KI4KWR

OBARC President

Go OBARC!!



**FIELD DAY 2018**

**June 23-24**

**WELLS MILLS PARK, WARETOWN NJ**

**OPEN TO ALL OBARC MEMBERS AND THE PUBLIC**

**COME HAVE SOME FUN ON THE AIR AND BRING A FRIEND OR FAMILY MEMBER TO GIVE IT A TRY.**

### **OBARC Members**

In order for us to properly plan for Field Day, we NEED to know how many members will be participating. PLEASE reply to me if you are planning to attend, and for what time and activity. Even if your schedule is not certain yet. It would be best if you could reply before next week's OBARC meeting so we have a reasonable starting point for our discussion Tuesday.

1. Will you be attending? (yes, no, not sure yet)
2. If attending, when will you be there?
3. How would you like to participate? (Set up, Operate, Tear down, etc...)
4. Can you help with pre-setup on Friday?
5. Is there anything special you would like to see at this year's FD?

If we do NOT hear back from you, we will assume that you are not participating.

There is a lot to plan for our Field Day. Number of stations, amount and type of food provided, etc. Please help us make it a little easier to organize this year. We will make a specific plan at the Tuesday meeting based on your responses. Then we will continue follow ups on this discussion list.

### **Field Day is FUN!!**

*Place:* Wells Mills County Park, Route 532, Waretown. (Same place as always)

*Dates:* Friday June 22<sup>nd</sup> (pre-setup our canopies and bring tower trailer and other heavy items to the site).

Saturday June 23<sup>rd</sup> arrive at site around 8:30 AM to continue setup. FD starts at 2 PM sharp and runs overnight through 2PM Sunday afternoon June 24<sup>th</sup>. Take everything down and pack up, return items to proper storage usually off the field by 5PM.

73, Bob Schenck

N200 Field Day Chairman

## **EQUIPMENT FOR SALE**

**ICOM IC-765** Good condition HF 160-10. Refurbished and aligned recently. Includes an SM-8 Desk Microphone (built in power supply). Manual on CD. Original box. \$695.00

**OM-2000HF** Legal Limit Amplifier. Manual tune. GU84b Ceramic Tetrode final. 160-10 meters. Will send manual (PDF) if you would like to see the details. Includes factory tune up chart. Very clean. Used little. Was on FT5ZM DXpedition, and then used minimally here at my house. 220/230 v only. Includes original box and wooden crate. Originally sold for \$6995.00 Sell for \$4995.00 FIRM. No shipping. Pick up only.

**Contact N200** if interested on above listings

**ICOM IC-706** orig with Signalink Digital Interface for FT8, JT65, PSK, RTTY etc \$500

**Connect Systems CS-700** DMR/Analog UHF HT Excellent \$120

**Connect Systems CS-800** DMR/Analog UHF Mobile Radio Excellent \$220

**TYT MD-9600** DMR/Analog VHF/UHF Mobile Radio Basically new. \$210

**Stepp-IR** 3 element yagi with 2 controllers with radio interface \$795

**Mosely TA-33M** 3 element yagi \$200

**US Tower MA550 Tubular Tower** 55' with motor crank up and pull down **MARB Base and Tiltover** on ground and ready to transport. I have someone who can flatbed it for you for a few bucks ...\$1250

**Ross W2TT** 609-467-4670

**SIGNAL LINK SOUND CARD USB** – 6PM \$95.00

**CONNECT SYSTEMS CS 580 DMR RADIO**....LIKE NEW CONDITION - XTRA BATTERY \$125.00

**TYTERA MD 2017 DUAL BAND DMR RADIO**... DMR, 2M & 70CM ... CODE PLUG - HAS MOST OF NEW JERSEY SET UP.. ADDITIONAL XTRA BATTERY & BATTERY ELIMINATOR. \$145.00

**YAESU FT-60R** DUAL BAND 2M & 70CM RADIO...NEW CONDITION... ADDITIONAL BATTERY AND YAESU SPEAKER MIC. \$160.00

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**www.CheapHam.com**



For the VE session on May1, 2018 we had:  
One unsuccessful General Candidate.

VEs  
Urb W1UL Coordinator  
Ira N2WAA  
Norm W2NRS

#### **Antenna Making Calculator**

Here is a cool antenna calculator that gives you the length for a dipole versus an inverted v.

Of course, what's nice about an inverted v is that trimming the ends are much easier than with a dipole since they are relatively closer to the ground. So always make it longer first and always trim exact same amount from each end as you tune it.

<http://w3pie.org/antenna.htm>

## Hamvention 2018

### (From the eyes of a First Timer...)

Have you ever been to Mecca? No, not that Mecca, I'm talking about the Dayton Hamvention. Now I know someone is going to send me a correction regarding the 'Dayton' Hamvention. I know it is really in Xenia Ohio, but it seems all of the hams at the convention still say 'Dayton' so I will continue with that understanding.

I have been a ham for around 15 years and never went to the Dayton convention. I have read about it in QST and CQ magazines. I have heard fellow hams from my old club, BARA, who went, and talked about how great it was to go to the largest ham radio event in the world. I also heard of the weather issues, mostly the rain. The convention was moved to May to get out of the rainy April period.

Well after 15 years, Mike, WA2ACV, invited me to go. It was very short notice to get a hotel room, but Mike was able to take care of that problem. Mike also told me I will see some interesting people. I saw a lady with her hair in a cone shape, around a foot high with an antenna coming out the top. I saw another ham walking with a back pack holding what looked like a 20 meter vertical.

Between Mike, John, NA2R, Steve, KI4KWR and Bob, N200, I was given the VIP treatment. John was my tour guide to and from the Hamvention. John even gave me a tour of the original location of the Hamvention since its inception- in Dayton.

All I can say is what an exciting experience! It was hard to just take in the size and scope of this great event. I was able to see, smell, and touch all of the new radios. I saw some great new equipment like the gray scale display on an UHDTV. What could be more fun than to be surrounded with all of these 'toys'? I felt like a kid in a candy store. To complement the events, I was invited to go to the contest dinner and the SWODXA dinner. I saw the best-of-the best at these dinners.

Dayton also did not let me down- it rained. I guess that is part of the original total experience. Luckily, the rain was not a major problem and did not hamper my first time experience.

I bummed a ride back to Ocean County with Bob, and I got to see his amazing ability to send code at an incredible speed, while keeping his truck perfectly straight on the road.

I can't thank Mike, John, Steve and Bob enough for the help and comradery through this whole experience.

73, Ira (N2WAA)

## Growing up in Hillside, NJ

By Urb LeJeune, W1UL

### Background:

I was born at a very young age and grew up in Hillside, New Jersey. Hillside was a small town nestled between Newark and Elizabeth New Jersey. At the time I was growing up Hillside could socioeconomically be charitably described as upper-lower class. The town was sparsely populated and urban sprawl had bypassed this small town primarily inhabited by first and second generation Italians, Hungarians and Poles. The town's cultural centers were the Italian-American Hall, the Hungarian-American Hall and, you guessed it, the Polish-American Hall. Hillside's claim to fame was Phil Rizzuto, the legendary New York Yankee hall of fame shortstop and Yankee broadcaster for 40 years. Phil lived in Hillside for the better part of his adult life.

The Polish hall had a 14 inch TV set on top of a high cabinet. This was decades before the advent of color TV. Milton Berle, AKA "Uncle Miltie" on Tuesday night and the fights on Friday filled the large room to standing room capacity with the TV set. If Joe Louis was boxing you had to arrive at the club at least two hours before the fight to get a seat.

I lived in a farm house at the very edge of town. In the back of the farm were humongous wetlands which the residents called a swamp. One year my combination birthday and Christmas presents was a pair of binoculars, amplification factor of about two, and a Peterson bird field guide. I spend many hours exploring the swamp and bird watching filling up several notebooks with sightings.

Between second and eighth grades I had to walk a little over two miles each way to get to school. There were no school buses until Junior High and even then only students from specified grammar schools got transported by bus. My school didn't qualify for busing. My grammar school didn't have a cafeteria and everyone, except me, went home for lunch. For me, it was brown bag or don't eat.

### The Birth of Urbie the Junk Boy



One day on the way to school, when I was about 11 I came across a table lamp someone had relegated it to the trash collection. I was fascinated by the ornateness of the lamp so I took it and hid it in a wooded area on the way to school. I retrieve my prize after school. When I got home I put in a bulb and plugged it in and guess what, nothing happened. I took the switch apart and noticed a compressed tab at the bottom of the assembly

I pried it up with a knife, put it all back together and Eureka it worked. That lamp adorned the family living room for years to come. Flushed with my victory over planned obsolescence I started leaving early on garbage day with an eye to acquiring more treasures.

My problem quickly became one of too much treasure. Looking back I'm amazed that in the middle of the depression people were throwing away item needing on minor repairs. I started carrying a fairly large box but the contents got very heavy very fast. I made a wannabe movable cart from a pair of salvaged roller skates and could start to pick up heavier items. Eventually my junk truck became a small baby carriage. I love finding something with gears or a motor. Most of my acquired items required only minor repairs such as a

replacement switch, line cord or some replacement hardware. About a third of the items had nothing wrong. If I couldn't fix an item I striped it for parts.

My mother though I could do nothing wrong and she started telling neighbors and friends about my prowess with fixing small appliances. Her publicity resulted in a small but steady stream in appliances for repair. If I fixed them, which was the usual case, they would give me a tip of a buck or two. This was in the mid-1940s when a buck would buy two hamburgers and two milkshakes with enough left over for a tip. I purchased a few tools with my earnings starting with a set of pliers followed by a soldering iron and a Heathkit Vacuum Tube Voltmeter (VTVM) from a kit. With the inclusion of a VTVM I really start to learn about electricity.

An uncle suggested that I put a sign on a few supermarket bulletin boards proclaiming, "Small appliance repairs, no fix no pay." In the summer of my 13 year I made enough money fixing appliances to purchase a brand spanking new Hallicrafter S40A to replace a home built regenerative receiver that never worked correctly although I suspected operator error. I used that receiver for years and it opened new horizons on the ham bands and what was between the ham bands. I loved listening to the super strong Radio Moscow. I also started copying a US Navy code station just outside the top of the 40 meter band.

When people asked me what initially asked me what got me interested in ham radio I simply replied, "Junk."

When not writing newsletter articles Urb can usually be found working on his ham radio test preparation website, <http://ham-cram.com>. The site has three distinguishing characteristics:

1. We don't study incorrect answers.
2. We only study the questions most likely on the FCC test.
3. It's free.

73 Urb W1UL 68 Years a Ham. 609-937-54877

### **OBARC Project - A Soldering Tutorial**

At the May meeting Urb W1UL proposed an OBARC project, namely a soldering tutorial. The response was quite enthusiastic. Unfortunately, I misplaced my list.

Although we will be using a kit, it's much more than that. The kit contains a 15 page tutorial on reading color coding on component part and unsoldering as well.

Check out the kit on Amazon Elenco Model SP-1A.

[https://smile.amazon.com/Elenco-Practical-Soldering-Project-Kit/dp/B0002LUAL6/ref=sr\\_1\\_1?ie=UTF8&qid=1526853872&sr=8-1&keywords=elenco+sp-1a](https://smile.amazon.com/Elenco-Practical-Soldering-Project-Kit/dp/B0002LUAL6/ref=sr_1_1?ie=UTF8&qid=1526853872&sr=8-1&keywords=elenco+sp-1a)

We most likely to the class on the WYRS site on a Saturday afternoon. OBARC will make soldering irons and safety glasses available.

If you are interested in being a mentor, taking the class or bring a non-member to the class please let me know.

Your name:

Your Call:

Student, Mentor or Guest.

If you gave me information at the meeting please reply again as I've misplaced the list from the meeting.

If you have any questions, call me: 609-937-5487

Urb W1UL

## Ocean County ARES® News – June, 2018

The next meeting of Ocean County ARES will be on Wednesday, June 20<sup>th</sup> at 7:00 PM, Ocean County EOC, Robert J. Miller Airpark. Refreshments and snacks will be provided. Keith, KC2OON, will be giving a presentation on Artificial Intelligence.

On May 19<sup>th</sup> and 20<sup>th</sup> the MS-170 passed through Ocean and Monmouth counties. Heavy rain cut some of the bike tours short and as usual, ham radio played an important part in the event safety. Thanks to Holger, K2HES, who coordinated communications for the event and the following operators who provided communications support:

KC2OON, KD2NAV, KD2OUG, NJ2N, K3MR, N2LD, K2NPT, and KD2OGN. The WA2RES repeater in Toms River performed very well from Neptune to Island Beach State Park for the event.

All operators are reminded to keep all repeater communications professional and precise. Our repeaters are largely funded by the Office of Emergency Management and anyone monitoring expects to hear professionalism a notch above regular amateur radio repeaters. This includes complete compliance with FCC Part 97 Rules and Regulations. Keying of repeaters (kerchunking) without identification will NOT be tolerated. If you must test on the air, please ID and state you are testing. Another option before you get on the air is the use of a dummy load to check your signal out BEFORE transmitting on the air. Repeater electronics have a finite life. Although most electronics are solid state, there are still a lot of relays that get cycled every time you key a repeater and these components WILL fail and cost time and money to fix. Cooling components are especially a high failure item.

Also keep in mind to curb your language and keep it professional. If a conversation can be offensive to some, keep it off the air. Use your cell phone instead. There are children listening to our radios and nobody needs to hear tasteless, misleading remarks.

From the ARRL Letter:

Two informal informational nets remain open on the island of Hawaii ("The Big Island") in the wake of recent and ongoing volcanic eruptions and seismic activity, Pacific Section Emergency Coordinator Clement Jung, KH7HO, reports. No formal traffic has been passed, but frequencies are being monitored.

"All normal communications, such as cell, landline phones, internet, and public safety, are operational," Jung told ARRL. Fissures associated with the Kilauea volcano on The Big Island began erupting on May 3, spewing lava and venting high levels of sulfur dioxide.

An Amateur Radio net is in operation on 7.088 MHz (SSB), and the Voluntary Organizations Active in Disaster (VOAD) 146.720 MHz repeater (100 Hz tone) on Mauna Kea was activated after Hawaii's governor issued an emergency declaration. A federal disaster declaration has been approved.

The Hawaiian Volcano Observatory reports active venting of lava and hazardous fumes continues, with no end in sight. The Hawaii Volcanoes National Park closed after roads and trails were damaged. The Observatory this week increased the Aviation Color Code to RED, due to increased ash emission.

FEMA reports some 360 evacuees are staying in emergency shelters. Some 2,000 residents have been evacuated in all. "Twenty fissure vents have formed in and around the Leilani estates subdivision," the agency said in its May 17 report. "Air quality in the southeast area of Lanipuna Gardens has been rated 'condition red' (immediate danger to health) for high levels of sulfur dioxide. Volcanic-tectonic seismicity continues."

The US Geodetic Survey has warned that new lava outbreaks could happen "at any time," as well as "more energetic ash emissions."

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

### **Memorable Members**

K2MIR Mark, had a bout of phenomena and spend several days in the hospital.

KC2YAF Cheryl became the faculty advisor for the Southern Regional Ham Radio Club.

KD2PQT Woody has become W2WDY

W1UL Urb reached the VE session milestone of 100 sessions, now at 102.

### **OBARC MEMBERS**

For those of you who have not tried DailyDX, here is a way to get two weeks as a free trial.

<http://www.dailydx.com/free-trial-request/>



# OBARC 2018 Contest Status

<i>INTERNATIONAL GRID CHASE</i>	<i>WAS</i>	<i>WAZ</i>	<i>WAC</i>	<i>DXCC</i>
NA2R - 1762	KI4KWR - 50	N200 - 37	KZ2I - 6	KZ2I - 167
KI4KWR - 1469	NA2R - 50	KZ2I - 40	KI4KWR - 6	N200 - 135
K2RET - 1233	KZ2I - 50	NA2R - 30	N2XW - 6	KI4KWR - 119
N200 - 981	N200 - 50	KI4KWR - 30	N200 - 6	N2XW - 85
N1IBM - 571	N2XW - 50	N2XW - 25		NA2R - 88
KZ2I - 547				
W2TT - 659				
KE2NN - 269				
N2XW - 596				
NJ2N - 190				
N2DSW - 94				
N2CW - 26				



**Old Barney Amateur Radio Club**  
**P.O. Box 117**  
**Manahawkin, NJ 08050**

Club President:	Club Vice President:	Club Secretary:	Club Treasurer:
Steve Molo KI4KWR	Ira Hosid N2WAA	Bob Wick N2HM	Mike Libonati WA2ACV

Normal membership meeting is held on the first Tuesday of the month at 7:30PM at:

Ocean Acres Community Center  
489 Nautilus Drive  
Manahawkin, NJ 08050

Refreshments served / Visitors welcome and Handicap accessible.

Dues (Good for Year)  
\$20 Full Membership / \$15 - 65 years old and older

**OBARC Email Reflector**

<http://mailman.qth.net/mailman/listinfo/obarc>

**OBARC Forum**

<http://oldbarney.boardhost.com/index.php>