



Est. 1975

OLD BARNEY AMATEUR RADIO CLUB N2OB

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



MAY 2018

E-Mail: N2OB@arrl.net



Affiliated

NEXT MEETING: Tuesday, May 1st, 2018 at 7:30pm

Ocean Acres Community Center

489 Nautilus Drive

Manahawkin, NJ

President's Corner

Steve Molo, KI4KWR

23 days till some of us...our favorite three days of the year --- HAMVENTION 2018 in Xenia OH

Welcome all to the May Edition of the OBARC Newsletter. Nothing really to report except actively working with our potential vendor for Duck and Decoy Show which is September 29-30th at Tip Seaman Park/Tuckerton Seaport.

Also Field Day is right around the corner so I ask that everyone come on out and have some fun for 24 hours. If you can be there overnight for a few hours....excellent. If you can be there Saturday afternoon or Sunday morning....great. Either way anytime will be great to get people on the air. 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 May to work on antennas 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.

May Presentation

Kit Building

-Discuss what we may build as a Club this summer as a group-

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

ICOM IC-7000 Just back from Icom. They replaced the driver board and checked the radio out. All good. Been in my truck so a little scuffed up, but not bad 160-2 plus 440mhz. Includes hand microphone, new power cord, manual, remote head extension cable and mobile mount for head. \$575.00

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 \$550

Connect Systems CS-700 DMR/Analog UHF HT Excellent \$125

Connect Systems CS-800 DMR/Analog UHF Mobile Radio Excellent \$225

TYT MD-9600 DMR/Analog VHF/UHF Mobile Radio Basically new. \$229

Steppir 3 element yagi with 2 controllers with radio interface \$875

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 ...\$1400

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

CALL KEN (KE2NN) at 609-660-2647

Discount Prices - Great Service - 24 x 7 x 365



For a GREAT PRICE and FAST DELIVERY on many product lines including Alinco, ARRL, Arrow Antennas, Comet, Daiwa, GRE, Heil, Jetstream, LDG, W2IHY, W5YL/Gordon West, West Mountain Radio and More

www.CheapHam.com



VE Report for April 3rd Session

Bernie Pietrucha KD2OSB upgraded to General
Eleonore Dayton passed her Technician and is now KD2PNN
Woody Nelson passed his Technician and is now KD2PQT

VE's
Urb W1UL Coordinator
Tim NJ2N
Norm W2NRS



2018 Dayton HAMVENTION

May 18-20th Xenia, OH

<http://hamvention.org/>

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>

OBARC Members “Hard at Work”



Sid W2TCR in Guantanamo Bay Cuba (1963) as KG4AN



Mark K2MER has a less interested “Student”

The North Jersey DX Association's Secret Weapon

Background

September 1957 witnessed the introduction of The North Jersey DX Association (NJDXA). This event encountered broadly based yawns. Little did they know. The DXCC Mixed Honor Roll in the September 1957 issue of QST contained only 21 calls and the Phone Honor Roll contained only 13 calls. There were no W2s on either list although NJDXA member W2AGW was one country off the honor roll and NJDXA member W2BXA led the second call area on phone.

By 1966 the mixed DXCC honor roll swelled to 149 of which 28 (19%) were NJDXA members. There were only two W2s non-NJDXA-members who were on the Honor Roll. How could the NJDXA become a DX force of nature in such a short period of time? The answer is simple; we had a secret weapon, semi-private 2 meter channels.

Two Meters

Shortly after the end of WWII the pre-war 2.5 meter band was assigned to broadcast TV. Hams were assigned the current 2 meter band obsoleting all pre-WWII VHF equipment. At the time huge amounts of surplus military electronic equipment became available in various "Radio Rows" around the country. However, that's a story for another time. If you're interested check out Wikipedia;

https://en.wikipedia.org/wiki/Radio_Row

The SCR522 quickly became one of the more popular VHF transceivers. It was designed as an air-to-ground 125 to 150 MHz transceiver and its 832 final tube delivered about six watts of AM. Four switchable crystals provided the ability to move around the band. Another popular "Radio Row" item was barrels of crystals, typically 25 cents each or 5 for a buck. Another very popular item was brand spanking new J38 keys in a box for 50 cents.

Most of the general 2 meter activity was in the lower MHz of the band. The early pre-NJDXA operators set up shop at the very high end of the band where they were essentially undetected. There were two frequencies used, channel A for general DX chatting and channel D for serious DX-related communications. Channel D was barely inside the band and channel A occupied a spot slightly lower.

In the late 1950, Gonset introduced the famous "gooney bird." In the early 60s CD organizations were purchasing CD colored Gonset Communicators and routinely "loaned" the rigs to local hams for CD drills. All the 2 meter operation was simplex because repeaters were still in the future.

The NJDXA Secret Weapon

Simplicity was the keynote of the NJDXA channels. On channel A one might ask, "What's happening on 40 meters." The "secret" operation was a bit more complex. Every member of the NJDXA received a current DXCC wish list from Ted Marks, W2FG, at the club's monthly meeting. It was an ARRL DXCC county list embellished with a letter designation and a telephone number for each member. To illustrate, my letter identification was "D" (I was W2DEC at the time.) Next to KA0 (That's KA zero, the prefix for Iwo Jima) Ted would place "D" and the letter designation of any other members needing KA0. Another list contained the phone number for "D."

Our alert protocol was a “single jingle.” If you heard some rare DX while in your normal listening phase you checked the wish list. If someone needed that country, you called them on the “twisted pair.” You it ring once. Phone calls outside your immediate area were expensive back then,

Here is an example of what typically happened. Bob, K2GMO hears KA0IJ and calls W2DEC on the phone, letting it ring once. W2DEC then goes to channel “D” and simply says, “W2DEC.” Bob would say KA0IJ 14035. That was it. Any additional communications shifted to channel “A”.

If a member was out of 2 meter range the “single jingle” the meeting took place on 14.295 MHz Twenty meter phone ended at 14.300 back then and all the DX activity took place at the low end of the phone band so 14.295 was a good hiding place.

Epilogue

Hindsight is required to fully appreciation of the effectiveness of our clandestine operation. There was no internet, not spotting networks, no bulletins and propagation forecasting was in its infancy. The DX columns in QST and CQ were only sources of public DX information. By the time you received the magazines the information d by the information it was three months old.

In the 1950/1960 era any DXer worthy of the name spent at least 20 hours listening for every hour of transmitting. The leveraging effect of 30 sets of ears listening for you was dramatic. Contrast that with a good friend of mine who has various spotting networks running all the time. When he sees a country he needs he turn on the rig works the DX and goes back to whatever he was doing. After years of this operational mode honor roll status is within sight.

I’m not proclaiming “search and pounce” as the preferred method of DXing; however, the old way provided a fantastic sense of accomplishment because honor roll status required years of concentrated individual activity. It has been my experience that the greater the challenge the greater the feeling of accomplishment when the task was finally completed.

When not writing articles for newsletter Urb can typically be found working on his website ham-cram.com. The W1UL Ham Cram method had three distinguishing characteristics:

1. We don’t study incorrect answers.
2. We only study the questions most likely on the test.
3. It’s FREE

73 Urb W1UL urb@ham-cram.com 68 Years a ham.

Ocean County ARES® News – May, 2018

We are looking for ham operators for the New Jersey Marathon Sunday, April 29, 2018 (one week from this Sunday). The Marathon coordinators are looking for ham radio volunteers to man water and EMS stations that day along the route. You can choose to volunteer for a couple hours at one stop or relay to multiple stops if you'd like to stay.

The first position at the start is at 7:30am at Monmouth Park and the race ends around 2pm at the Ocean Promenade on the Long Branch boardwalk. The race encompasses many towns which include Oceanport, West Long Branch, Monmouth Beach, Long Branch, Deal, Asbury and Ocean Grove, in land then all along the boardwalk. You will need at least an HT and make sure you have a good antenna for it on the VHF side. You should be self-sufficient and bring any items you may need including cold weather gear, water, food etc.

It's an easy event and you really just watch the race and look for any issues that may arise and report them to the net control station. It's a very professionally run event as well with around thousands of runners.

We need volunteers since this race is only a week away!

If you'd like to volunteer, contact Holger (K2HES) at: holger@k2hes.com

Marathon website is here: <https://www.thenewjerseymarathon.com/half-and-full-marathon/> and we are only doing the Sunday marathon.

The National Weather Service in Mt. Holly did a new thing year. The NWS held Skywarn training via webinars. Many people took the training including two from Ocean County. NWS says they would like to do this in the future as well, which is good for Skywarn since people sometimes cannot travel to the in person classes. We will be trying to set up a Skywarn in person class for Ocean County if there is enough interest in that as well.

Thunderstorm season is coming up so expect to get active again spotters! More on that later....

Remember, if you have a scanner, you can report lightning, wind and flooding damage confirmed by public safety personnel like FD, PD and EMS as well.

If you are already a Skywarn Spotter in Ocean County and you would like to become active again in our group please don't hesitate to contact me to get you up to speed and in our private contact list and group board. We would love to have you back and active!!

Contact Keith, KC2OON at kc2oon@yahoo.com

Keith, KC2OON

SNJ ARES ASEC, Severe Weather Coordinator

Ocean County ARES Asst. EC

Ocean County Skywarn Coordinator

On Wednesday, April 18th, a meeting of Ocean County ARES was held at the Ocean County EOC. Participation and organization of communication support of the 2018 MS-170 Bike Tour was discussed. Holger, K2HES will be coordinating operators for the event and not MS directly as previously announced via email. If you are interested in providing support, please contact Holger AFTER the NJ Marathon on April 29th. The 2018 MS-170 is on May 19th and 20th. Support is needed for both days in Monmouth and Ocean counties.

One important issue raised at the meeting was to remind all comm operators to utilize the Time Out Timer (TOT) of their radio. Nothing is more disruptive during a drill or actual emergency than having an operator accidentally sit on a mic button and time out the repeater, making it inoperable for all involved. Most repeaters are set to time out at 180 seconds in accordance with FCC Part 97. Your radio should be set to time out less than 180 seconds. As you finish reading this, break out your gear and get it done!

See some interesting reading about a 2000 foot television tower collapse, where one worker from Washington State died. There were seven workers on the tower near the 150 foot level when it fell.

See story and pictures at: <http://www.ky3.com/content/news/TV-tower-collapses-in-Fordland-480261283.html>

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC



Left to right: NJ2N then W2TET, W1UL Urb, candidate Art W2AWE, W2NRS Norm.
Art aced all three tests and prepared using W1UL's ham-cram.com website.

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	N2OO - 37	KZ2I - 6	KZ2I - 150
KI4KWR - 1469	NA2R - 50	KZ2I - 37	KI4KWR - 6	N2OO - 135
K2RET - 1233	KZ2I - 50	NA2R - 30	N2XW - 6	KI4KWR - 117
N2OO - 981	N2OO - 50	KI4KWR - 30	N2OO - 6	N2XW - 85
N1IBM - 571	N2XW - 42	N2XW - 25		NA2R - 88
KZ2I - 547				
W2TT - 659				
KE2NN - 269				
N2XW - 435				
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>