



# OLD BARNEY AMATEUR RADIO CLUB N2OB



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

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

ARRL AFFILIATED



2019

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**NEXT MEETING: Wednesday, November 6, 2019 at 7:30pm**  
**Ocean Acres Community Center      489 Nautilus Drive      Manahawkin, NJ**

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## PRESIDENT'S CORNER

The November meeting date will be moved due to elections. We will meet at our normal location, Ocean Acres Community Center, at our normal time.

**The meeting date is Wednesday November 6, 2019**

*This is only for November*

We had a successful event at the Decoy Duck Show in Tuckerton. This success could not occur without the help of a number of our members and students from Cheryl's amateur radio club from Southern Regional High School.

The following people were instrumental in this financial success: Bob Wick, N2HM, Nancy Wick, KA2YNH, Frank, N2HWL & Jill Stucy, Mike, WA2ACV, John, KB3JG, Jim, K2GMT, Carl, W2PTZ, Steve, WS2C, Bob, N2OO, Urb, W1UL, Dan, K2DCM, Rick, N2RPQ and Leo, KD2LAY. Since we did not have a sign-in sheet, I probably forgot someone. Please email me if your name is not on this list (sorry). In addition, I want to thank the following students for all of their help: Matt Terhune, Isabella Lee, and Olivia Lee. It was a great pleasure having these students helping over the weekend!

73,

Ira Hosid, N2WAA ([n2waa@arrl.net](mailto:n2waa@arrl.net))

## CLUB MEETING AND VE TESTING DATE

**WEDNESDAY NOVEMBER 6, 2019**

**MEETING TIME 7:30 PM**

**Refreshments served / Visitors welcome / Handicap accessible**

**VE TESTING AT 6:30 PM/DOORS OPEN AT 6:15 PM**

**PLEASE CONTACT RICHARD E. KENNARD AT: [N2RPQ@ARRL.NET](mailto:N2RPQ@ARRL.NET)**

Annual election of OBARC officers and trustees is scheduled for our December meeting. Nominations are now being accepted for the following positions:

**OFFICERS:** President, Vice President, Secretary, & Treasurer.

**TRUSTEES:** Two positions will be open: One 2 year term, and one 1 year term.

Nominations may be made in person at both the November and December meetings, as well as via e-mail (address below) until 1600 EST, December 3, 2019. Please include the name and call of the nominee & nominator as well as position sought.

Jim, K2GMT

Nominations Chairman

[k2gmt@arrl.net](mailto:k2gmt@arrl.net) or [jvneufell@comcast.net](mailto:jvneufell@comcast.net)

# SWEEPSTAKES!



**Yaesu FT-DX101D**

**WIN  
IT ALL!**

**ENTER NOW**



Hey OBARC Membership,

Been here in Alabama now 10 months or so and loving it in the Rocket City. Between the active ISS Control at Marshall Space Center and the ever so popular Space and Rocket Center, it is a place to visit. It was great to see several OBARC and SJDXA members at W4DXCC. Do I miss NJ...well for the wonderful HF ability down on Murphy Drive for sure. The friends there indeed and one not so much...lol.

Hope to see some at Orlando Hamcation in February and Dayton Hamvention in May 2020. Any time you are searching for some new shack toys just email me and I will give you the OBARC deal for sure. So you all on the bands over the holiday season and never know I may show up for a 160m contest too!!

Don't forget to enter daily for the "WIN IT ALL" Sweepstakes for a DX101D and everything shown to the right side.

Steve Molo KI4KWR  
GigaParts Brand Manager  
[KI4KWR@GigaParts.com](mailto:KI4KWR@GigaParts.com)

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Four images of radio equipment: a black radio, a silver microphone on a stand, a pair of white headphones, and a black oscilloscope.

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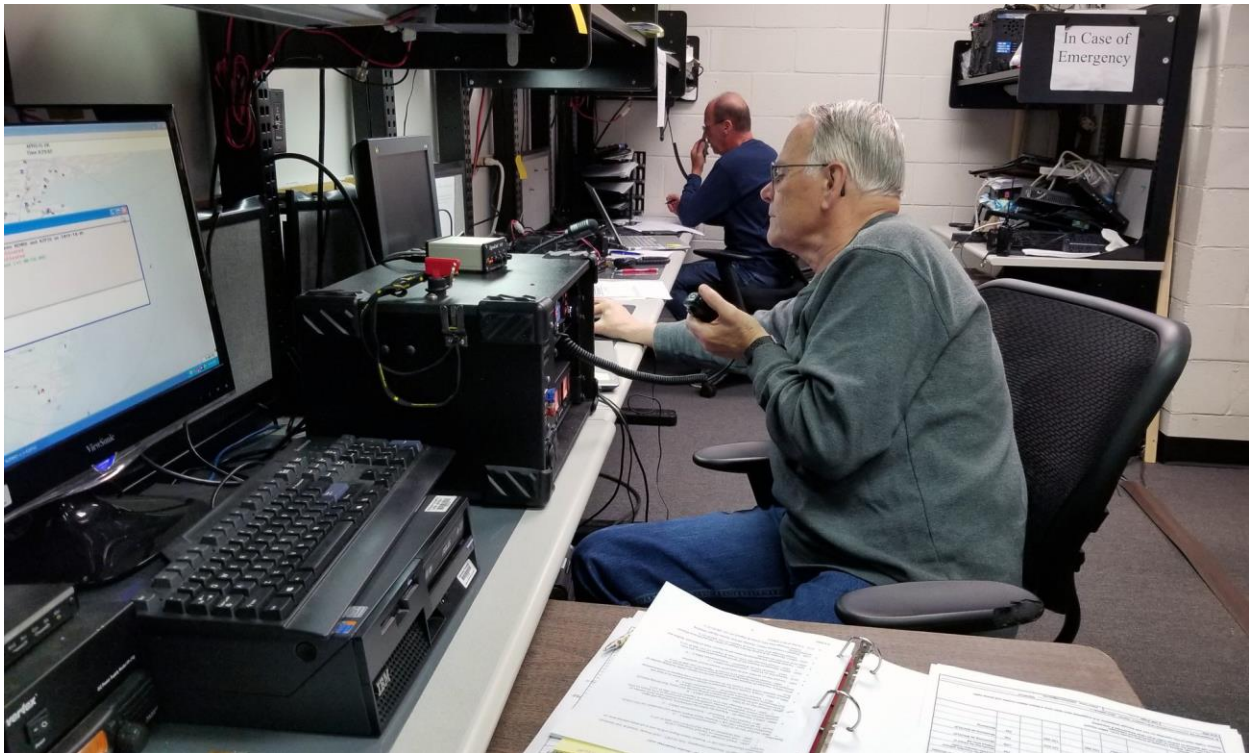
**www.CheapHam.com**

## Ocean County ARES® News

On October 5<sup>th</sup> Ocean County ARES participated in the 2019 SNJ Section Simulated Emergency Test (SET). The drill was also critiqued during the Ocean County ARES meeting on October 16<sup>th</sup>. The scenario was a fictional hurricane Oscar of Cat 3 strength hitting the East coast and causing widespread flooding and destruction.

The drill was written by WB2ALJ, Section Emergency Coordinator for SNJ and most counties in our section participated.

During the critique several items of improvement were noted and are being remedied. Ocean County made widespread use of the Narrow Band Emergency Message System (NBEMS) and demonstrated the effectiveness of using FLDIGI and FLMSG during an emergency situation to send and receive digital traffic with 100 percent accuracy at a fraction of the time it would take to send verbal traffic.



N2XW and WB2ALJ at County EOC directing 2019 SET

Photo by K2PSG

On October 19<sup>th</sup>, Ocean County ARES conducted a roadway clean-up public service for Berkeley Township. Veeder Lane in Bayville (wooded side) was cleaned by ARES operators, debris was bagged and hauled away by Berkeley Township Public Works. Numerous bottles, cans, vinyl siding and even a sink and counter top were rounded up and pulled from the roadside. Ocean County ARES receives a donation from Berkeley for performing the work thanks to a federal grant awarded to Berkeley. A big thank you goes out to N2LD for pointing out all the poison sumac in the retrieval of trash!

We will be working with Berkeley in the future to try and arrange regular cleanings to boost our fundraising dollars.

The operators participating in the clean-up were:

KC2MTF, WX2NJ, N2LD, NJ2N, K2MDW, WB2ALJ and KC2SBR. Operators were also assisted by Nancy Murdock.





KC2MTF, WX2NJ, N2LD, NJ2N, K2MDW, WB2ALJ, KC2SBR Photo by Nancy Murdock

Starting in 2020, Ocean County ARES will also be holding VE test sessions at the Ocean County EOC. Since our meetings are held in February, April, June, August, October and December, we are looking at having a VE session in the opposite months of January, March, May, July, September and November. A specific day of the week has not been chosen yet and is being evaluated to avoid conflicts with our EC-001 Instructional Team. We are currently holding EC-001 courses in Mercer County and Atlantic County is scheduled for January 2020. John, N2LD, has stepped forward to be the Lead VE and a special email address has been established for candidates to schedule test sessions. Testing will be by appointment only.

### **OCARES supports the Red Bank Crop Walk**

Three members from Ocean County ARES provided communications for the annual Crop Hunger Walk on Sunday, October 20th in Red Bank, NJ.

Matt K3MR acted as Net Control. Paul N2QXB worked static and roving positions along the course. Tim NJ2N manned SAG 1, busing tired, soggy walkers back to the Start/Finish Line.

Three hams from Monmouth county rounded out the roster: Paul AD7I, Blair KD2EPA and Bob W2OD.

There was a great turnout despite the rain, and all the walkers seemed in good spirits. The vast majority completed the 5 mile course on foot, with only around two dozen needing SAG assistance.

The event's Lead Radio Operator, Tom Cosgrove N2VFK, thanked Ocean County ARES for its help and looks forward to future collaborations across county lines.

All food donated at the walk will be distributed to food banks in Monmouth County.



Matt K3MR, Paul N2QXB, Tim NJ2N and Lead Ham Tom Cosgrove N2VFK

73 de WX2NJ  
Bob Murdock  
Ocean County Amateur Radio Emergency Service® EC

## ARRL NEWS

### ARRL TO LAUNCH NEW ON THE AIR MAGAZINE IN JANUARY 2020

Newington, CT – October 17, 2019 – ARRL, the national association for Amateur Radio® is launching a new magazine, On the Air, in January 2020. To be published on a bimonthly basis, On the Air will offer new and beginner-to-intermediate-level radio amateurs a fresh approach to exploring radio communications. Each issue will include advice and insight on topics from the variety of Amateur Radio interests and activities: radio technology, operating, equipment, project building, and emergency communications. The goal of this new magazine is to be a vital resource in helping new and newer radio amateurs get active and involved in radio communications.

“On the Air responds to the brand new, and not-so brand new radio amateur seeking ideas and answers,” says Editor Becky Schoenfeld, W1BXY, who is part of the ARRL staff team that developed the new magazine. The planning included an extensive national-level study of new Amateur Radio licensees, identifying their motivations for getting licensed and their experiences of getting started. A focus group responded positively to a trial sample edition of the magazine.



“Too many new licensees never take the next step,” says Schoenfeld. “We’re excited to introduce a new amateur radio magazine for this audience, aimed at getting them active, getting them involved, and getting them on the air.”

The first issue of On the Air will be published in January 2020 (Jan/Feb issue) and will be introduced as a new ARRL membership benefit. When eligible members in the US join ARRL or renew their membership, effective Nov. 1, they will be prompted to select the print magazine of their choice; On the Air or QST. QST magazine is ARRL’s official membership journal, published monthly since December 1915. QST supports active radio amateurs with ham radio news, equipment reviews, projects, and stories of public service, advocacy, and volunteerism. Current members receiving print QST, upon renewal, may choose to continue receiving QST (mailed monthly) or On the Air (mailed bimonthly). The online membership application will support the new magazine designation next month.

All ARRL members, including international members, will be able to access digital editions of both QST and On the Air magazines. Members who already access QST on the web or from the mobile app will be able to access QST and On the Air in January.

### **ARRL Creating New Online Groups for Members to Have More Direct Communication with Organizational Leaders**

Newington, CT – October 16, 2019 – To enhance and improve communications between the ARRL leadership and staff and the members and prospective members, in a manner that enables both timely updates and collegial discussion, the ARRL’s Committee on Communication with ARRL Members is creating online forums where all amateur radio operators (ARRL members and non-members alike) can discuss issues and topics in two-way conversation with ARRL leadership.

This project is based on the success of the online ARRL-LoTW Group for the past several years, in responding to all amateur radio operators’ questions and in generating discussions about ways to improve this program. This effort has clearly demonstrated the effectiveness of online Groups as a means of achieving the desired interactivity.

So, the ARRL will be adding three additional online Groups, which will be open to ARRL members and non-members alike:

- ARRL-Contesting - moderated by ARRL Contest Advisory Committee Chairman Dennis Egan, W1UE; (<https://groups.arrl.org/g/ARRL-Contesting>)
- ARRL-Awards - moderated by ARRL RadioSport Manager Bart Jahnke, W9JJ; (<https://groups.arrl.org/g/ARRL-Awards>)
- ARRL-IARU - moderated by IARU Secretary Dave Sumner, K1ZZ; (<https://groups.arrl.org/g/ARRL-IARU>)

The existing ARRL-LoTW Group, which has about 4,750 members, remains hosted by Groups.io, but is now accessible via <https://groups.arrl.org/g/ARRL-LoTW>.

In addition, everyone who subscribes to an ARRL Group is also automatically subscribed

to the "ARRL Groups" group. This is an administrative feature that will allow ARRL to convey routine announcements to subscribers of all ARRL groups, such as an announcement of upcoming downtime for planned maintenance.

ARRL IT Manager Michael Keane, K1MK worked with Groups.io to set up the new groups.

In the months ahead, the Committee envisions creating more online Groups to support two-way communications that focus on additional areas of interest to amateur radio operators, including ARRL activities, services, initiatives, and policies.

It is important to note that the ARRL currently has some "members-only" online forums, including on the topics of Awards and Contesting. While these forums will continue to operate, participants there will be encouraged to post new topics in the new Groups.

Since the aim of the new Groups is to encourage discussion, as opposed to just being a question-and-answer session, there will be some basic ground rules to which participants of the Groups will be expected to adhere:

- All questions will be welcome, no matter how many times they have already been asked and answered, or how obvious the answers might be in the documentation.
- Neither personal attacks nor foul language will be tolerated. Violators will immediately be placed on "moderated" status, meaning their subsequent posts will require Moderator approval until the Moderator's trust has been regained.
- Those posting are reminded that these forums are open to everyone, including prospective hams and operators who are not ARRL members but may be thinking about joining; so civility and courtesy is expected, even when disagreeing.

The Committee believes that providing more opportunities for two-way discussion between the organization's leaders and the entire community of amateur radio operators will assist the organization in truly serving the needs of this community.

ARRL Southern New Jersey Section

Section Manager: Tom Preiser, N2XW  
[n2xw@arrl.org](mailto:n2xw@arrl.org)



# Memories of Al Rando (SK) W2NCH

By Frank Piccolo N2HWL

I know it is late news, but I would like to share the following story with you. I met Al through a few mutual hams, Kc2udz Kenny Hammersa from Manahawkin, and N2ixu Michael Depinto from Bayville. As you may or may not know, Al was a special man. Since he was blind, he was not able to repair or maintain his tower, antennas, or radio gear. Due to the high winds of Hurricane Sandy, trees fell all around and on top of his 20 meter monobander, stacked 2 meter beams on his 106ft US tower. Kenny, Mike, and I made it a point to get him back on the air. First, we had to get to the tower. This involved a ton of lumber jack work. Mike and Kenny did most of the work during the week. The damage was very bad. Fallen trees broke a 3 inch diameter boom on the 20 meter beam like a tooth pick, and mangled the one side of the 2 meter co-phased array. As a result, the 20 meter beam was removed from the tower, and our focus was the 2 meter array. Kenny and Mike pulled down the damaged parts. Kenny ordered what was needed to fix things. Meanwhile, Kenny and I ran a long wire from the tower to the deck on Al's property to get him on the air, and a tuner network so he could talk in a few spots till things were back up and running on 2 meters.

What you may not know, Al was the voice on 146.520. He could be heard for miles. At 106ft up on his tower, lived a 2 meter co-phased beam. On the other end of the coax, he had a commercial grade 2 meter amplifier that would deliver legal limit key down for days without breaking a sweat. This also suffered damage on the way down. Kenny and Mike sent it back to the company for a repair. They got that back up to snuff, along with an old TS440 radio with a studio mixer and electro voice RE20 studio condenser microphone. If you called on 520, chances are Al was listening, and would return your call with a signal heard into NYC, and also into the deep south.

On another occasion, Jill, Mike, and I got the opportunity to see Al play piano while they filmed a documentary on his life. He had a heart valve replaced. They filmed his recovery, and the story of his life at Brennan's Steak House in Belmar NJ. I can say for the three of us, we're glad we got the opportunity to witness this incredible experience. You can find the link to that film in his obituary.

For me, I can say I was proud to have met Al, and had the chance to hear him tell stories of his life and career. Having lost his sight in childhood, it was remarkable what he accomplished in his life. I also got to see the music studio where his keyboards and pianos were set up in his home in Wall Township. This was the same location of his tower on Atlantic Ave. For me, it was a wonderful experience. 146.520 will not be the same with Al as a silent Key.

Frank Piccolo N2HWL

# **70 Years a Ham**

**By Urb LeJeune, W1UL  
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**It was 7:00 AM on November 25, 1949, the day after Thanksgiving, and I had been planning my trip to the FCC field office in lower Manhattan for many months. My ever-vigilant mother was using her best efforts to convince me not to go that day because it was drizzling, and snow was forecast for the afternoon. When she saw how important the trip was for me, she relented. What helped convinced her was the school was closed and the FCC was open.**

**I had been studying for the test for a few years, with a year of so taken off when the hormones kicked in and girls seemed more important than ham radio, thank goodness that phase passed quickly.**

**My Elmer, Jim McGinty, SK W2YYJ, would not let me take the test until I could copy Morse code at 18 words per minute (WPM) on W1AW. I disliked him at the time, but I will be forever grateful because not only did I copy the 13 WPM license test solid, but I was comfortable enough with my code to get on the air, with a home-brew rig on 40 meters. To this day over 80% of my High-Frequency (HF) QSOs are on CW. Three of my buddies took their FCC test when they could copy Morse at 13 WPM on W1AW, all three failed the code test, 2 of them never got a license.**

**If there were vanity calls back in those days, I would probably be W2YYJ today.**

**At one point I had been given a copy of an ARRL handbook, I had read it cover-to-cover, including ads. My CW test was not a problem, thanks to W2YYJ, and reading the handbook, plus an ARRL license manual put me in a state of mind where I was totally convinced, I would pass the test, I also passed the 2<sup>nd</sup> class Radio-Telephone license. In due course W2DEC arrived in the mail.**

**Back in 1949 there were only three classes of license, Class A, B, and C. Class C was a conditional license. If you lived too far from an FCC field office, you could arrange to have the test proctored, if you passed you received a Class C license. The entry level license was a class B which roughly equates to today's General, however you could not operate phone below 10 meters. You must be a class B for a year before you could take the class A test, then you could operate phone on 75 and 20 meters, there was no phone on 40 meters.**

**An interesting side bar was that most hams did not know that W calls were being reissued in the second call area. It was not unusual when people would say, "hi old timer" when I worked them on the air.**

**At the end of my licensing year I went back to NY and took my Class A license. I was so excited that I went to Harrison Radio and purchase a microphone even though I didn't have a rig with a modulator.**

**The day after I received my driver's license, I enlisted in the Army Signal Corps reserves, not out of any sense of patriotism but you could occasionally get free radio gear. When I came time to go into active duty service, during the Korean war, every person in my basic training battalion went to advance basic training, I went to 6 months of school at Fort Monmouth, NJ which was only about 40 miles from my home.**

**Ham radio has really been good to me, it might well have saved my life by keeping me out of combat during the Korean War and into best radio and electronic school the army had to offer.**

**In my late teens through my late 20s I had propensity to be in the right place at the right time, frequently for the wrong reason.**

## **Significant changes over the past 70 years.**

- 1. VE Sessions eliminating the need to travel to an FCC field office for a license or upgrade**
- 2. Code requirement eliminated for FCC issued ham radio licenses**
- 3. Transition from AM phone to SSB**
- 4. Vanity calls**
- 5. Satellite and moon bounce**
- 6. Operating a rig remotely**
- 7. Digital free software from Joe Taylor, K2JT, making QSOs with stations that are 20 DB below the noise level possible,**
- 8. Joe Taylor's FT8 produced more on-air QSOs than all other modes combined**
- 9. Discountenance of Novice and Advanced class license although present holders can renew them forever.**
- 10. The demise of Heath Kit signaling the shift of hams being technology based to appliance operators. Hams rarely build anything anymore.**
- 11. One of the best sunspot cycles and one of the worst.**
- 12. DXCC listing in QST transitioned from a half page monthly containing the mixed and phone honor rolls, new member and endorsements to an annual yearbook.**
- 13. FCC does almost no rule enforcement.**
- 14. You can no longer ascertain the location of person with an FCC issued call. When W1UL (my initials) became available I jumped on it with no problem with the FCC despite the fact I have live in New Jersey my entire life, except for military, and even then took basic training signal corps school at Fort Dix and Fort Monmouth respectively.**

**I'll leave it to the reader to decide if these things are good or bad for ham radio.**

**When not writing articles for newsletters or working DX or FT8, I'm usually enhancing his Ham license preparation website, [ham-cram.com](http://ham-cram.com). His system has 4 distinguishing characteristics:**

- 1. We only study correct answers.**
- 2. We only study the pool questions most likely to be on the test.**
- 3. The goal is to work smarter, not harder.**
- 4. It's free.**

**73 Urb W1UL, [Urb@ham-cram.com](mailto:Urb@ham-cram.com) 609-937-5487**

**I'd love to hear from you.**





**VE Coordinator: Richard E. Kennard N2RPQ (n2rpq@arrl.net)**

## **ARRL 2019 CONTESTS**

**November 2019**

**2-4 Nov. Sweepstakes-CW**

**16-18 Nov. Sweepstakes-phone**

**Phone**

**16-17 EME-50 to 1296 MHz**

**December 2019**

**6-8 160 Meter**

**14-15 10 Meter**

**15 Rookie Roundup–CW**

OBARC Members, If you know of any member who is not subscribed to the OBARC discussion list, please pass this link along to them. This will get them subscribed. Just fill in the appropriate info.

Note: to post to the list, the email must originate from the same email account that you subscribe.

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

### **GOOD & WELFARE UPDATE**

Woody Nelson, W2WDY, is having a lot of pain in his neck and cannot make our meetings and events until after possibly surgery. We wish Woody a speedy recovery and looking forward to see him again at our meetings.

Get well soon.

## **HP 8640B Signal Generator FOR SALE**

The 8640B is considered one of the best signal generators for amateur use. It generates a signal from 0.45MHz to 550Mhz and can be doubled to 1 GHz.. Testing receivers is easy with the +20 to -145dbm output which can be modulated with internal AM or FM sources or with external sources. The 8640B is renowned for very low phase noise and stable & accurate output.

This unit has a small problem with a simple short term remedy. The frequency counter display is wrong on several ranges because the Range Selector wheel has lost a couple of fingers. In the short term use an external counter connected to rear panel counter output.

I would fix the problem but have lost hand dexterity. Range assembly is easily accessible from front of unit and fingers can be epoxied to the wheel. A good source for the fingers are relay contacts.

Excellent instructions and pictures can be found on line at the EB5AGV site.

Price: \$250 for 8640B

\$25 for digital counter

Jim Dicso

K2SZ





## **AMATEUR RADIO CLUB QSO PARTY 2019**

**OLD BARNEY AMATEUR RADIO CLUB  
PO BOX 345  
TUCKERTON, NJ 08087**

### **Club Call N2OB**

<b>Stations worked Phone</b>	<b>151</b>	<b>x1</b>	<b>151</b>	<b>(operator KZ2I)</b>
<b>Stations worked CW</b>	<b>2</b>	<b>x3</b>	<b>6</b>	<b>(operator N2OO)</b>
<b>subtotal1</b>			<b>157</b>	
<b>Club members worked</b>	<b>2</b>			
<b>subtotal2</b>			<b>314</b>	
<b>Club stations worked</b>	<b>0</b>		<b>0</b>	
<b>Final Score</b>			<b>314</b>	
<b>Hours worked</b>	<b>12</b>			

**Steve Sullivan KZ2I  
PO BOX 345  
TUCKERTON, NJ 08087**

**Bob Schenck N2OO  
PO BOX 345  
TUCKERTON, NJ 08087**

I (KZ2I) never heard any other participants from any clubs. Surprised that K2AA was never heard (only spotted twice on 20m and none on low bands). I enlisted the aid of XYL to at least get one multiplier. N2OO managed to get one /103 in his 2 contacts. A lot of my QSOs were cross-pollination with NY QSO Party participants (and a few Worked All Germany contesters).

### **Call W2CDS**

<b>Stations worked Phone</b>	<b>1</b>	<b>x1</b>	<b>1</b>
<b>subtotal1</b>			<b>1</b>
<b>Club members worked</b>	<b>1</b>		
<b>subtotal2</b>			<b>1</b>
<b>Club stations worked</b>	<b>1</b>		<b>100</b>
<b>Final Score</b>			<b>101</b>

**Cecil Sullivan W2CDS  
PO BOX 345  
TUCKERTON, NJ 08087**



**Old Barney Amateur Radio Club**

**P.O. Box 117**

**Manahawkin, NJ 08050**

<b>Club President:</b>	<b>Club Vice President:</b>	<b>Club Secretary:</b>	<b>Club Treasurer:</b>
<b>Ira Hosid N2WAA</b>	<b>Rick Kennard N2RPQ</b>	<b>Bob Wick N2HM</b>	<b>Mike Libonati WA2ACV</b>

**TRUSTEES**

**Tom Preiser N2XW**

**Mark Roddy K2MER**

**Frank Piccolo N2HWL**