



# OLD BARNEY AMATEUR RADIO CLUB N2OB



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

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

ARRL AFFILIATED



MAY 2019

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**NEXT MEETING: Tuesday, May 7th, 2019 at 7:30pm**

**Ocean Acres Community Center**

**489 Nautilus Drive**

**Manahawkin, NJ**

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## PRESIDENT'S CORNER

We are entering into the busiest season for amateur radio. June 22-23 is Field Day. August has two events. August 3<sup>rd</sup> is National Lighthouse Day. We will operate at the Tucker's Island Lighthouse at the Seaport in Tuckerton. August 17<sup>th</sup> is the International Lighthouse and Lightship Society event located at the Old Barney Lighthouse at Long Beach Island. We are in the process of securing the Old Barney location. September is our annual major fundraiser at the Decoy Duck show in Tuckerton. This event runs September 28-29.

All of these events need help with set-up on the day before the event, and take down on the last day of the event. In addition, we need help running/operating these events.

The first and largest event is Field Day. Bob, N2OO, OBARC Field Day Chairman, will be in charge of our Field Day event. I emailed Bob with the names of all members that signed up at our April meeting. If you could not make that meeting or still want to help, please contact Bob. Let's unite and make this a super operation. This is not a high power contest. We would like to have respectful scores and have a great time. Like always, we will also provide food and drinks for all who attend.

Please mark your calendar for all of the upcoming events listed above.

**DUE TO VOTING AT THE OCEAN ACRES COMMUNITY CENTER IN JUNE, WE WILL PUBLISH THE JUNE MEETING LOCATION IN OUR NEXT NEWSLETTER.**

73,  
Ira Hosid, N2WAA (n2waa@arrl.net)

**CLUB MEETING AND VE TESTING DATE**

**TUESDAY MAY 7th, 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)**

# May Presentation

## FIELD DAY

By Bob Schenck, N2OO

### 2019 OLD BARNEY ARC FIELD DAY

It's that time again. Field Day will be here quicker than you think! But this year will be a little different since at least two of our regulars who gave so much to our FD effort in recent years will not be with us this time around. I'm talking about Lance N2OZ who has moved to South Carolina, and Steve KI4KWR who has moved to Alabama. So, we REALLY need a few people to step up and help fill in for them this year.

We will describe what we will need in more detail at the May (and June) meetings. But for sure, here are a few things to think about.

#### ***We need radios.***

Our current plan will be to enter in the 3A class again this year which means that we will be operating 5 stations simultaneously. 3A is running 3 regular stations which will give us a free VHF station and a free "Get on the Air" (GOTA) station for the total of 5. We will need a few "quality radios" for use at Field Day this year. Currently, we have 3 radios for sure, and probably 4. But we need a 5<sup>th</sup> plus one or two backups. I have had reasonable experience with radios in a Field Day environment and will judge what will work the best in our setup. For example, we tried using an IC7300 last year and it was no good when someone else was on the same band. Since we frequently operate with 2 or 3 stations on different modes on the same band, we really need to find radios that can handle that set up. So, if you have a radio that you are willing to let us use, please let me know. OBARC's policy is to ALWAYS back you up if you provide a radio and it develops a problem while on FD. OBARC will pay to repair it. So, please do not worry about that. Please drop me an email if you would like to volunteer your radio for OBARC FD. [n2oo@comcast.net](mailto:n2oo@comcast.net)

#### ***We need Laptops.***

Yes, at this time although we have some laptops available, but we may be short a couple. Not sure just yet. The laptop needs to be running Windows and the N1MM contest program, AND have WiFi capability. I prefer laptops if at all possible since they are essentially running on a battery and their clock stays stable, and much easier to set up. Mike WA2ACV will be setting up a WiFi network that interlinks our logging with our 3 primary radios together. This allows us to put any of those 3 radios on any band or mode we desire. (No longer have a station that is restricted to one band and mode). We use a patch panel for selecting antennas. Regardless, all stations REQUIRE that we interface the radio to the logging program although the VHF and the GOTA stations do not connect to the WiFi network. (Special Note: This is a local WiFi network. It is NOT CONNECTED TO THE INTERNET.

**WE WANT STATION CHIEFS.** (No more band chiefs since each of our 3 regular stations can go on any band/mode desired as long as there is no duplication). I will handle one station complete with radio (FTDX1200), laptop, interface and wifi network connection. We need two more people to set up the other two regular stations. We have the club owned Yaesu FT991A for one. We also have an IC746 (SJDXA owned) that can be used on the third station OR for the VHF or the

GOTA station. We will want at least one radio to be usable on FT8. It can be a stand-alone radio but not required to be. That is where we stand on our stations at this time. TBD.

This is just the initial overview. There are other things we will be needing. We will be needing people to be responsible for an assortment of bonus point projects. Some are automatic like setting up in a public place, etc. Most a fairly simple like setting up a public information table with flyers, another is doing an educational activity during FD... For bonus point projects, look under section 7.3 here <http://www.arrl.org/files/file/Field-Day/2019/2019-Rules-RevA.pdf>

A nice printable flyer can be found here as well. <http://www.arrl.org/files/file/Field-Day/2019/2019%20FD%20Flier%20-%20What%20is%20FD.pdf>

Any questions at all, drop me an email at [n2oo@comcast.net](mailto:n2oo@comcast.net)

73!

Bob Schenck, N200

OBARC Field Day Chairman

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## FIELD DAY 2019



## Ocean County ARES® News – May 2019

The new website for the SNJ section of the ARRL is <http://snj.arrl.org>

Under the ARES section, all the way at the bottom of the page, you can now find the new Section Emergency Operations Plan. During a section review of the plan, five potential challenges were identified and are listed below:

POTENTIAL CHALLENGES	CONSIDERATIONS
1. Is there a back-up plan for communicating with all Counties assuming loss of the C4FM network?	<ul style="list-style-type: none"> <li>➤ Have local teams tested communications with neighboring County team primary repeaters?</li> <li>➤ Has local team tested HF communications with other County Teams?</li> </ul>
2. Does each County team have a plan for loss of its primary repeaters, power or antenna failure?	<ul style="list-style-type: none"> <li>➤ Can secondary repeater(s) cover the County?</li> <li>➤ Has the local team tested simplex capabilities?</li> <li>➤ Do members know what to do if repeater is down?</li> </ul>
3. Have multiple frequencies been tested between shelters/hospital and net control?	<ul style="list-style-type: none"> <li>➤ Is simplex an alternative?</li> <li>➤ Is it possible to relay message on simplex?</li> </ul>
4. Is there an activation plan for a total telecommunication disruption?	<ul style="list-style-type: none"> <li>➤ Establish single repeater and simplex frequency to monitor in the event of disruption?</li> </ul>
5. How can digital message handing be expanded, since it faster and more accurate than voice messages?	<ul style="list-style-type: none"> <li>➤ Testing and expanding NBEMS, PACKET and/or Winlink used by other Sections of the Division?</li> </ul>

An investigation of challenges and considerations indicates that challenges 2 through 4 are local county items. Some counties ARES teams have already identified these potential challenges, conducted research, tests, and determined considerations. In Ocean county, the local Ocean County ARES Emergency Plan does address items

2 through 4. At this time Ocean County is also researching the use of HF communications should a failure of the C4FM, SCERN Internet link fail.

Ohio has already tested Near-Vertical Incidence Skywave (NVIS) propagation and even holds an annual event to demonstrate that it works. On April 13, Ocean County conducted one such test between Camden, Atlantic and Ocean County with great success. Base and mobile type NVIS antennas were used on 80 meters, LSB, phone, to make contact across the state using 50 watts or less. Further tests are planned and this item was heavily discussed at the April 17<sup>th</sup> ARES meeting at the Ocean County EOC.

At the April 17<sup>th</sup> ARES Meeting, Tim – NJ2N was also presented with an appointment as Assistant Emergency Coordinator (AEC) by Bob – WX2NJ. Tim's specialty will be APRS, NVIS and direction finding.

Also, Rick – N2RPQ, has been appointed by Tom – N2XW as Section Webmaster and reports directly to the section PIO, Jennifer Robinson – KD2EYR. Rick was responsible for the development of the new SNJ website and will be maintaining it.

I would also like to thank Tim – NJ2N and Paul – KB2RUV for a great presentation on APRS at the April Holiday City Amateur Radio Club meeting. Tim and Paul also provided the event debrief for the Ocean County ARES fox hunt that was held on March 23<sup>rd</sup>, at the last ARES meeting on April 17<sup>th</sup>. Ten operators participated in the hunt and APRS was used to allow Net Control to direct the hunt from bearings called in by field operators. This was a good demonstration of one of the capabilities of APRS not used on a daily basis.

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

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May Report

In April we had (2) candidates for testing. One passed the technician exam and the other upgraded to general.

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

# ARRL 2019 CONTESTS

<b>June 2019</b> 8-10 <a href="#">June VHF</a> 15 <a href="#">Kids Day</a> 22-23 <a href="#">Field Day</a>	<b>July 2019</b> 13-14 <b>IARU HF World Championship</b>
<b>August 2019</b> 3-4 <b>222 MHz and Up Distance Contest</b> 17-18 <a href="#">10 GHz &amp; Up – Round 1</a> 18 <a href="#">Rookie Roundup – RTTY</a>	<b>September 2019</b> 14-16 <a href="#">September VHF</a> 21-22 <a href="#">10 GHz &amp; Up - Round 2</a> 21-22 <a href="#">EME - 2.3 GHz &amp; Up</a>
<b>October 2019</b> 21-25 <b>School Club Roundup</b> 19-20 <b>EME - 50 to 1296 MHz</b>	<b>November 2019</b> 2-4 <a href="#">Nov. Sweepstakes – CW</a> 16-18 <a href="#">Nov. Sweepstakes – Phone</a> 16-17 <b>EME - 50 to 1296 MHz</b>
<b>December 2019</b> 6-8 <a href="#">160 Meter</a> 14-15 <a href="#">10 Meter</a> 15 <a href="#">Rookie Roundup– CW</a>	

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.qth.net/mailman/listinfo/obarc>

## News from the SNJ Section of the ARRL

The Southern New Jersey Section of the ARRL has launched a brand-new website. Visit us at <http://snj.arrl.org> The site is still under construction so new information is being added weekly. Check back often to find out news and events in the Southern NJ Section.

## **EQUIPMENT FOR SALE**

This space is available to all members of OBARC for posting items for sale at no charge





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

**Club President:  
Ira Hosid N2WAA**

**Club Vice President:  
Rick Kennard N2RPQ**

**Club Secretary:  
Bob Wick N2HM**

**Club Treasurer:  
Mike Libonati WA2ACV**

**TRUSTEES**

**Tom Preiser N2XW**

**Mark Roddy K2MER**

**Frank Piccolo N2HWL**

**END**