

June 2020



# A.C.O.R.N.

Androscoggin Amateur Radio Club  
(AARC)  
P.O. Box 1, Auburn ME 04212-0001  
<http://www.w1npp.org>



## Androscoggin Amateur Radio Club.Repeaters

**Lewiston**  
146.61 PL 88.5  
ON AIR

**Livermore**  
443.300 D-star  
OFF AIR

**Poland Springs**  
147.315 PL 103.5  
ON AIR

**Livermore**  
146.895 PL 103.5  
ON AIR

### **Club Officers**

President: Lee Trask W1LWT  
V. President: Pete Thoutte N1ZRL  
Treasurer: Ivan Lazure N1OXA  
Secretary: Dick Knight N1NYW  
Trustee: Tim Bubier WT1A  
Newsletter Editor:  
Harold Hartley N1LLU

### **Club Meetings**

Wednesday Mar 4<sup>th</sup> 1830 EDT  
**Meeting held on the .61 repeater.**

### **ARES/RACES Meeting**

**Canceled**

### **Club Breakfast**

Wednesday June 24<sup>th</sup> 0700 EDT  
at KRISTI'S CAFE on 767 Minot Ave. in Auburn, Me.

### **ARES/RACES Net**

Every Thursday except for meeting night on the 146.61 pl 88.5 Repeater at **1930 (7:30pm)** with digital after the voice part.

### **Take Note**

**The deadline for all articles for the Newsletter is the 25<sup>th</sup> of each month.**

## **Hamfest news**

The Andy ARES/RACES group hopes to have our Field Day, June 27 and 28, at Beaver Park in Lisbon as a one or two station setup. Looking for operators to work the radios. If you want to work during the night, than email Kieth, KE4UCW at [keith@anos.us](mailto:keith@anos.us) or Ivan, N1OXA at [ilazure@roadrunner.com](mailto:ilazure@roadrunner.com).

**The Club breakfast is back on for June 24, 2020 at 7am at same place.**

**The club meeting will be held on the .61 repeater until further notice.**

**VE Exams are canceled until further notice.**

**ARES/RACES meeting canceled until further notice.**

**Please follow State and Local information**

**The New Tower and Antenna for the Poland repeater we hope to install it in June, the date will be set in the next week.**

## Secretary's Report

By Dick Knight N1NYW

There was a meeting of the Androscoggin Amateur Radio Club on the 146.610 repeater Wednesday May 6, 2020. Check ins include: w1lwt, kc1aih, k1wtx, ke4ucw, n1oxa, n1svb, I thought I heard n1jd, nu9c, w1ltx, n1zrl and n1nyw. The next three weeks, May 13, 20, and 27 we will have the "How Goes It" net, then June 3 will be next club meeting on the air.

Jerry k1wtx started with a report on the big Friday rain storm and the prediction about below average temperatures.

Pete reports the club got several public works radios that have been modified to work on ham frequencies. Pete also got the matching programming software that works on the XP operating system.

Ivan read the Treasurers report. No vote to approve it.

I mentioned items from the Secretaries' report from the April meeting. No vote to approve minutes.

Keith ke4ucw reported that the trailer will not be available for Field Day this year, the EMA needs it. The discussion will continue on the ARES net as to weather or not Field Day will happen or not this year.

Ivan talked about working on the Poland repeater should take fewer than ten people so the gathering size will not be an issue. Measure to determine the length of the cable needed and order it so it will be ready on work day. Rick nu9c says he knows someone who is interested in taking the old tower. He also says there is about a foot of water in the hole where the tower base will go.

Jerry k1wtx says that everyone on the work crew needs to "mask up" on work day (possibly May 16) to protect him after his hospital stay. Jerry also reports that David w1u is watching a fever and checking in with the doctor.

Miriam kc1aih reports there will be no Windsor Fair and no Windsor hamfest.

Ivan reported the Dempsey Challenge has not decided yet if they will do the bike trek or go virtual. Lee mentioned having a club picnic, decision to be made when large gatherings are allowed. Lee wanted to know if the club should buy another CD with money in the treasury. It was decided to leave it alone until the bills are paid for the repeater linking equipment, then decide. Emails will be

going out from Ivan to repeater committee to get the list of equipment together to order.

Pete n1zrl mentioned making w1npp.org more smart phone friendly. We started to discuss it and Pete will try to get more information about what changes are needed to become smart phone friendly. I had 1.71 inches of rain in last Friday's storm and have been trying to keep up with events canceled on the web site. Bob w1ltx and Lee talked about a goat and a rooster that passed away.

Our June 3rd meeting will be held again on the .61 repeater.

Respectfully submitted,

Dick Knight n1nyw Secretary

## Note from Lee

After many thoughts of names for this net...I found one that fits in many ways. The new NAME for our club weekly Net for these changing times is called ANDY NET-20.

next meeting is 7pm (1900)hrs on Wednesday, MAY 20th. See you all then. several subjects will be talked about is next wed morning at 7am breakfast meet in the parking lot where we was meeting and they have take out to the cars i was told....It can be our first step going forward in these times. Something different tail gate breakfast...sounds neat,, second subject for our round table this weeks Net is: Memorial day week end Operating from home or what is each of us planning possible thoughts. 3rd item for the round table discussion is next OTA club meet is June 3rd at 7pm live OTA. and here is a freebie .....dates of next OTA nets....

June 3 is Club meeting NET, June 10th and June 17 and 1st one for June net is 24th...

As it is now I am planning to bring our weekly ANDY NET-20, each week

threw out the summer. But I may possible be going on vacation depending

on states openings and our country is doing better. So If i do I'll mention on future Nets ,I may need a fill in.If i do or not Ill let every one be aware and I'll be looking towards Pete or VP lol to take over during that times...He doesn't know it yet....shhhhhh don't tell him..he he he he.....).

So see you all wed night at 7pm pass the word out for this week.

# DX REPORT

by Mark Burton, KG1Q

## Bouvet Island 2nd attempt

The rebels have released a statement of their second attempt on Bouvet

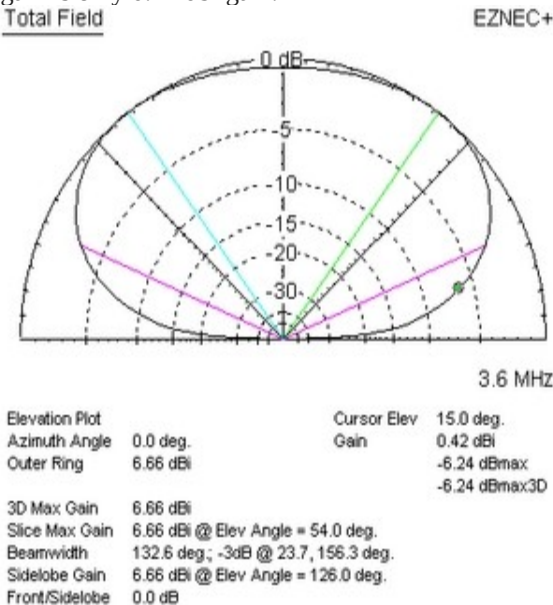
*A bunch of fresh news from the 3YØI – Bouvet Island camp. Although we're still \$25k short of our required budget, we arrange and follow things up according to our plans. A have already paid down-payment for our vessel . We also analyzed all conclusions collected during the 1st attempt. We have already verified, prepared and stored our expedition and radio gear. Actually we're just waiting for the coming Southern hemisphere's summer to "set sails" again .*

Lets hope they are able to land on this attempt.

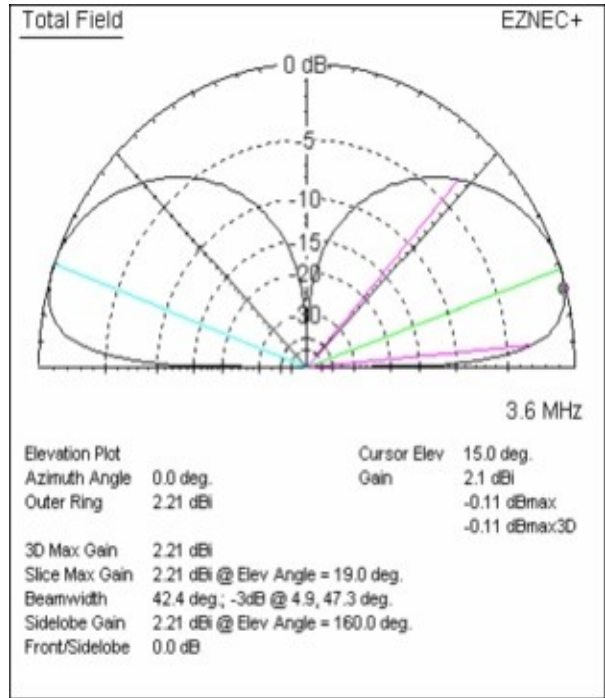
## Takeoff angle and dxing

It is often written that a low takeoff angle (TOA) is good for dxing, and high takeoff angle is good for close in regional work. Vertical antennas have a very low TOA, with it highest gain numbers around 15 degrees which is ideal for long haul dxing. For comparison, a dipole at 1/3 wavelength would typically have its highest gain figures at a TOA of 50 degrees.

This graph below represents a typically pattern for a horizontal dipole. Notice its max gain is 6.6dbi, at an angle of 54 degrees. Notice, down at an angle of 15 degree that the gain is only 0.42 dbi gain.



This next graph represents a typical pattern for a vertical. Notice it only has a max gain of 2.21 dbi, at an angle of 19 degrees. However, down at 15 degrees, is still has a gain of 2.1 dbi.



## Coming Soon

W8S, Swains Island, Sep 23 to Oct 6, 2020  
KH6VV/KH4, Midway Island, Oct 2020  
3YØI, Bouvet Island, December 2020?

Happy DX everyone,

Mark  
KG1Q

Sources:

DX World <https://dx-world.net/>

Clublog <https://clublog.org>

<https://bouvetoya.org/>

ARRL DX News

## June Acorn Calendar 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 1930 AM net on 50.400	2	3 <b>Club Meeting</b> On the .61 repeater only.	4 1930 – ARES/RACES Net 146.61 Mhz PL 88.5	5 1930 – Ragchew net on 28.460 Mhz	6
7 1700 - MECN net on 3.940 Mhz	8 1930 AM net on 50.400	9	10  1930 –Ragchew net on 50.2 Mhz	11 1930 – ARES/RACES Net 146.61 Mhz PL 88.5	12 1930 – Ragchew net on 28.460 Mhz	13
14 1700 - MECN net on 3.940 Mhz	15 1930 AM net on 50.400	16 Ares/Races meeting <b>Canceled</b>	17 1930 –Ragchew net on 50.2 Mhz	18 1930 – ARES/RACES Net 146.61 Mhz PL 88.5	19 1930 – Ragchew net on 28.460 Mhz	20
21 1700 - MECN net on 3.940 Mhz	22 1930 AM net on 50.400	23	24 <b>Club</b> <b>Breakfast</b> June 24 <sup>th</sup> 0700 EDT at <b>KRISTI'S</b> <b>CAFE on 767</b> <b>Minot Ave. in</b> <b>Auburn, Me</b>	25 1930 – ARES/RACES Net 146.61 Mhz PL 88.5	26 1930 – Ragchew net on 28.460 Mhz	27
28 1700 - MECN net on 3.940 Mhz	29 1930 AM net on 50.400	30				

