

# ***BOSQUE BEACON***

*Newsletter of the Bosque Amateur Radio  
Club of New Mexico*  
***bosquearc.com***



December 2024

EDITOR, JERRY ACETO K6LIE    **CLUB MEETING DECEMBER 7, 10 AM**    Email: [jaaceto@gmail.com](mailto:jaaceto@gmail.com)

## **FROM THE EDITOR**

**Jerry Aceto K6LIE**



The holiday season is now in full swing! I hope all of you had a fun filled Thanksgiving with lots of good food and good company with family and friends. Christmas is just around the corner. I would like to wish all of you a very merry Christmas and a happy, healthy and prosperous New Year. Let's all hope that 2025 is good to us all!

Our December meeting will be on Saturday, the 7th. Please remember to bring any warm coats and plush toys you may have collected for the kids in need to the meeting. I think the police officers where we meet will take them. If not, we certainly can find a group that will take them.

With the help of Gerry Jurrens, N2GJ, I have secured a program on radio propagation, which is described in this newsletter on page 5. Should be very informative and answer many questions regarding just how the science of propagation works.

Happy holidays to you all and see you at the December meeting!  
73...Jerry K6LIE

# Bosque Amateur Radio Club



**N5BRC**  
bosquearc.com



## Club Net

**The Bosque ARC** hosts a **Club Net** *Every Saturday Morning at 10:00 am local time except for the first Saturday of the month when we meet in person for our club meeting.*

146.900 (- 600 kHz) pl 67.0

442.450 (+ 5000 kHz) pl 67

449.550 (- 5000 kHz) pl 71.9

## Club Meetings

- \* 1st Saturday of the Month, 10 AM
- \* Always a program that deals with Ham Radio
- \* APD NW Area Command on Ellison, across from Cibola HS

## Activities

- \* School Visitations to Promote S.T.E.M.
- \* Field Day Activations
- \* Gatherings for Breakfast,
  - \* Thursday mornings at 7 AM,
  - \* Flying Star, 10700 Corrales Rd

**WELCOME NEW MEMBERS!**

Whether you are a new ham, a seasoned old timer, or just thinking about becoming a ham, I would like to invite you to our meetings to take in our presentations, join us for breakfast on Thursday mornings, or participate in any of our activities. If you like what you see and hear, we would love to have you join our club. If you have any questions regarding ham radio, we can answer them.

Hope to see you at our meetings!  
73.

Brian Listvan KJ5CNC  
President, Bosque ARC

**VE TESTING**

If you would like to upgrade your license, or take your first amateur radio test, Mathias Gibbens, K0WBG, holds licensing exams after our regular club meeting on the first Saturday of the month. Testing starts around 12:30. If you would like to test or know anyone else that would like to test, contact Mathias at [AbqRRVET@gmail.com](mailto:AbqRRVET@gmail.com) to sign up.

**CLUB MEETING ADDRESS**

APD NW Command Center, 10401  
Cibola Loop NW, Albuquerque,  
NM 87114 (across the street from  
Cibola High school)

**CLUB ADDRESS**

Bosque ARC  
2524 Baldy Loop NE  
Rio Rancho, NM 87144

**CLUB REPEATER — 444.200 (+) 67 Hz PL**

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## **CLUB NET**

Our club net has been doing very well and we want to thank all of you that participate each week. Anyone wishing to be net control, simply let a club officer know and you will be set up with the script and instruction page on linking the repeaters on the Upper Rio repeater system. This affords a good learning experience on conducting a net and engaging in conversation.

Remember, club net every Saturday morning at 10 am (except the 1st Saturday for our meeting) on the Upper Rio Repeater system.

## **CLUB REPEATER 444.200 Mhz (+) 67 Hz PL**

A reminder to all that our club repeater is up and running from the west area of Rio Rancho at an elevation of about 700 feet above the valley, affording reasonable coverage of the greater Albuquerque area.

The repeater has been very quiet since getting it on the air a few months ago. We would like to see it used by our members and also the entire community. It is open to all. You all are welcome to meet on our system. You can chat all you want and meet with your friends and club members. Since it is a low level system, handhelds may have a problem, but in actuality, we have heard several folks on handhelds. But the ideal system is a typical mobile or fixed station running 20 watts or so to an outside antenna. In this situation, the system is very usable and does well. Please give it a try and you can chat all day long, if you wish!!

## DECEMBER PROGRAM

What are the two most talked about subjects in Amateur Radio--Antennas and propagation, of course. Bill Mader, K8TE, will provide some insight into HF Propagation at our meeting Saturday. He'll dispel some of the hype that floats about along with some of the misinformation to better help us understand how the ionosphere impacts HF operations. He'll also point us toward good sources of information on how to use all the data readily available to us to pick the right bands for our skeds, chasing DX, or just when to be on the air. Bill will also provide hints on dispelling the hype and myths so we can become more knowledgeable and helpful mentors on this most discussed and so poorly understood topic.

## NOVEMBER ADULT NIGHT

Jerry Aceto K6LIE

Our November Adult Night at Explora was really exceptional. We had two stations set up, our new Yaesu FT-710 transceiver and my RS-918, 10 watt qrp rig, along with my Wolf River Coils portable vertical antenna. Brian also had his new 20 watt qrp rig on display. Larry provided a very nice display displaying some science topics in the schools.

We had lots of people visit our Amateur Radio display. The turnout was exceptional this time and we had lots of great questions from some very knowledgeable visitors. We really enjoy interacting with the public and they seemed really interested in what we had to show them.

I was running 10 watts on 20 meter FT 8, which always prompts much discussion. I worked Oregon, Dominican Republic, Florida, Washington, Ontario, Canada and Rhode Island, while answering questions with the public in between contacts. Bill Kent, N5UJC, had a nice qso with a station in Alabama on 20 SSB! Bill very seldom works HF and it was very refreshing to see him on HF! He actually made the very first qso with the clubs new FT-710! Needless to say, it worked flawlessly.

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## NOVEMBER ADULT NIGHT

Jerry Aceto K6LIE

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Pictures courtesy of Gerry Jurrens, N2GJ

Bill Kent put together a very nice Field Operations Self Contained Power system for the club, which was on display at Explora for the first time. As you can see in the picture, it consists of a 12 volt battery, a 120 volt, 300 watt sinewave inverter and a voltage and current monitoring system. It also has a built in solar option with controller.

Larry Elkin, NY5L, put together a very nice informational display about Amateur Astronomy as part of Educational Outreach, bringing STEM programs to our public schools.

All in all, it was a great time at Explora and we all very much enjoyed the enthusiasm of the people that visited us.

I want to thank Gerry Jurrens, N2GJ, Terry Zipes, W4RCN, Larry Elkin, NY5L, Brian Listvan, KJ5CNC, John Scott, KF5ROL and Jeff Goldstein, N0IDA for making this a very successful Adult Night at Explora! (Please forgive me if I left anyone out that participated.)



**November Meeting Minutes**

November 2, 2024 BARCNM meeting - Started at 10am

Pledge of Allegiance

Introduction members

Guest Speaker -

Nadine Molinari - Rio Rancho Cert manager

[nmolinari@nmrr.gov](mailto:nmolinari@nmrr.gov)

City of RR Emergency Manager for CERT.

They have classes 3x per year based on state funding

They have an ARES trailer that they take out when needed. This group works with Rio Rancho only. Accountability is what controls the gathering of different groups to deploy where. The first entry point to the live Cert class is the online testing. If you pass this class then you can be on the list to get into the class. They have 125 active members, ~300 total members. The next live course is in January 2025. they have about 25-30 people in the each class.

They have monthly trainings on how to help in live situations. The limitations you may have physically is really on how comfortable that you think you may be in a given situation.

ARES does the Comms for the CERT Team. FEMA has an independent set of courses. You do get a really cool green special CERT backpack when you pass the class course. But you can still buy these if you wish on your own.

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Bill Kent - Club radio is now in our hands - the Yaesu FT-710 100W HF radio.

We now have a safe travel box for it.

What's next for the club radio setup? Power, battery, solar, converter, generator, meters?

The club had lots of discussion on batteries. A motion was made to ascertain what battery is best and cost to plan on.

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## November Meeting Minutes

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The treasury has \$5,000 in it.

The KK7V estate has decided to leave all of the funds within the club for it's use. This is another ~\$5000

Drawing for the meeting had 1/2 of the \$41, Winner K5LRY donated the money back to the club.

New Amateur radio club at St Pius X - talk to N2GG - Gil Gray - to coordinate and help him out. 8th grader started it with a teacher.

BBC has said it is interested in the Ukraine BARCnet group.

It is time for a new banner for the club, Bill Kent will get the vectorized club picture and take it to the shop to get a price to make a new banner.

Explora is on the 3rd Friday = November 15. Meet at the Sawmill prior to he meet.

An Antenna = ATAS-120 whip screwdriver was donated by Mike NM5GH as he had it in his garage and not being used. There may be a Faraday mat also being made available to the club for permanent use.

The VA has an amateur radio station near KAFB that is available for use. They have their own hut, tower and station. Ham Volunteers should see Bob Langoria - N5JH.

A letter from APD came - It says they have plans for officer appreciation event on Nov 22. They are looking for money to pay for the dinner, per Commander Chris Patterson, a motion of \$300 passed to provide to them with a thank you letter.

The police department coat drive for kids and plush toys for kids - the club usually gives to this event. Next month - December - bring coats and plush toys. Bryan has the contact information.

Adjournment at 1145

73 Bill Tilman - KA0B  
Secretary of BARC NM





**CLUB SHIRTS**

These beautiful club shirts come in ladies and men's styles and sizes. We proudly wear our shirts whenever we are doing an activity that involves the public. It is a great way of promoting the club, not to mention that they look great! They are available in polo and button down long sleeve.

Contact Turbo Threads at 505 999-1234 or on line at <https://turbothreads.com> .

BTW...That snazzy club logo on the shirt and on our club banner was designed by Art Nichols, KI5GOL, one of our founding members.



If you wish to use PayPal to pay club dues, simply go to [bosquearc.com](http://bosquearc.com) and click on the Membership and Dues tab. You will find all the info needed. When you fill out the form on line, hit Submit at the bottom of the page. This will take you to a prorated table. Since our dues are paid by the year starting in April, you will only pay a partial amount based on the month you join. Club dues are only \$20 per year.

**Here are email addresses of our officers should you need to contact any of them:**

**President - Brian Listvan KJ5CNC - [zzwooffee1949@yahoo.com](mailto:zzwooffee1949@yahoo.com)**

**Vice President - Sean O'Mara AI5IZ - [sean.g.omarasr@gmail.com](mailto:sean.g.omarasr@gmail.com)**

**Secretary - Bill Tilman KA0B - [ka0b.bill@outlook.com](mailto:ka0b.bill@outlook.com)**

**Treasurer - Bob Witter W5IV - [rwitter@hotmail.com](mailto:rwitter@hotmail.com)**

