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# ***BOSQUE BEACON***

*Newsletter of the Bosque Amateur Radio  
Club of New Mexico*



EDITOR, JERRY ACETO K6LIE *CLUB MEETING OCTOBER 7, 2023 10 AM*

Email: jaaceto@gmail.com

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## **President's Corner - Jerry Aceto K6LIE**

Greetings and welcome to the 2nd edition of our new club newsletter! Since I received many positive comments with the September issue, our 1st club newsletter, I have decided that there is enough interest in a newsletter to keep it going. So I will do my best to keep it going on a monthly basis. Please keep sending in articles to help me out. This, along with my own writings, will assure an interesting publication. You all have great stories to tell regarding your interest in ham radio, communications and electronics. If you are a new ham, write on how you became interested in ham radio and your journey to obtaining your license. I will, of course, include club news, upcoming events, and news of members as this information becomes available to me. With everyone's help, we will have a great publication that we all can be proud of!

Our next meeting will feature George Key, W5YZ doing a program on DX'ers Past and Present. I have reviewed Georges program and I think you will all enjoy it. It looks very interesting. Thank you George!!

Our club will be involved with one of the three days of the Scouts Jamboree On The Air, on Saturday, October 21 from 9am to 4 pm. See the article regarding this activity in this newsletter. Looking forward to working with the scouts and, hopefully, helping them experience on the air contacts and answering lots of questions!

Looking forward to seeing all of you at the meeting on the 7th. Great programs, free coffee and donuts and great social interaction....such a deal!

Best 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.

Jerry Aceto K6LIE  
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 about 12:30. If you would like to test or know of anyone else that would like to test, contact Mathias at 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  
1023 Purple Aster Dr.  
Bernalillo, NM 87004

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**jotajoti Jamboree**  
ON THE AIR - ON THE INTERNET

**Bosque Amateur Radio Club**  
**BA RC**  
N5BRC  
of New Mexico

**JAMBOREE ON-THE-AIR**  
Saturday, October 21, 2023  
9:00 am - 4:00 pm  
Sister Cities Park  
6407 McKinney Dr. NE

- Cub Scouts, Scouts BSA, and Venturers are invited to come connect with Scouts from around the world at this fun filled event!
- Drop in anytime and stay as long as you would like!

**K2BSA**  
RADIO SCOUTING

**GREAT SOUTHWEST COUNCIL**  
BSA

Questions: Contact Bob with the Bosque Amateur Radio Club: 505-400-3689

From the ARRL:

### Jamboree-on-the-Air

Jamboree-on-the-Air is an annual event that fosters Scout-to-Scout communication across borders - be it city, county, state, country or even between continents. It is not a contest but a way to get everyone on the air at the same time to communicate with their fellow Scouts, learn about their Scouting experiences, wherever they live, and introduce them to the fun and technology of Amateur Radio. Its purpose is to foster conversations rather than multiple contacts.

Bosque ARC will be participating in JOTA on Saturday, October 21 from 9:00 am to 4:00 pm. We will be discussing plans for this event at our October 7th meeting regarding equipment and antenna setup, meeting with the kids, etc. Please bring your ideas and suggestions to include in our planning of this event. I am sure we will have a great time working with the kids on this world wide event.

If you have any questions, contact Bob Longoria, N5JH at 505 400-3689



## 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.

## CONVERSATION ON THE HF BANDS...WHAT HAPPENED TO IT?

Jerry Aceto K6LIE

### Regarding Conversations on the HF Bands

*Ed Poccia KC2LM*

The points President Jerry Aceto, K6LIE made about the lack of conversations on the HF bands in the *Bosque Beacon* (*September 2023, page 6*) are sadly, all too true. I remember fondly a Sunday schedule I had with a fellow Ham in Indonesia during the early 1980s with whom we had similar interests.

There are solutions to this issue and interestingly, ham radio provides them. Perhaps we should consider communicating using some of the Keyboard to Keyboard digital modes to carry out *real* conversations.

Recent exchanges that I have had, greatly enhanced my own ham radio experience. An Australian Science teacher working in a mission school in the Philippines shared STEM projects he was working on. I gave him some links to Web Quests (*Internet Based Projects*) I had used.

With the America's Cup Sailing event taking place, I chatted keyboard to keyboard with a fellow sailor in New Zealand about the event. Having grown up in Mamaroneck, NY where some America Cup yachts were built got me interested in sailing and racing. My wife and I raced *Sonars, a class racer*, for years.

Digital Modes like *JS8*, and *VarAC* offer the robustness and error free operations of FT8 while allowing a more meaningful exchange and a real conversation.

If you operate FT8, you already have the equipment for these digital modes.

Give it a try!

## **PUBLIC SERVICE EVENTS CALENDAR – 2023**

Ed Ricco - N5LI

**September 30, 2023** – Mt. Taylor 50K Run. This is a 50K endurance run on high-altitude trails in the Mt. Taylor/La Mosca area. See <http://www.mttaylor50k.com/>. The event organizers count on ham radio volunteers to supplement very limited cell service and provide medical/safety communications for the runners. Volunteers would be stationed at aid stations along the course to provide communications with the start/finish area. Volunteers are invited to a post-race barbeque and receive race “swag.” Contact Kurt Coonrod ([kurtandkelly60@gmail.com](mailto:kurtandkelly60@gmail.com)) or Jim Dalton AF5FI ([daltonnj08@gmail.com](mailto:daltonnj08@gmail.com)) for more information or to volunteer.

**October 22, 2023** – Duke City Marathon. Albuquerque area amateurs have supported this event for more than 20 years. As in recent past years, the marathon will follow an out-and-back course from downtown Albuquerque north along the bosque bike path to Paseo del Norte and east to a turnaround point near Edith Blvd., then return. A half marathon and 10K and 5K runs are included in the event, as well as several walks of varying distances. We will need a substantial number of volunteers to cover rest stops along the course, to provide medical communications, and to shadow race officials as well as a few bicycle mobile stations and sag vehicles. Contact Ed Ricco if interested in this event.



FOR



SALE

**Icom IC 7300 (original price \$1099.95)**  
**mAT 180H Tuner (original price \$179.95)**  
**MFJ 4230 Switching Power Supply (original price \$159.95)**

All purchased from DX Engineering in April and are in excellent condition. Used in a smoke free shack.

Includes original boxes, cables and manuals.

Asking price for the entire station - \$950 !!

Contact Eric Hokanson, N5EJH at [eric.hokanson@gmail.com](mailto:eric.hokanson@gmail.com) or 505 321-3430.

Eric tells me the reason for selling the gear is to make room in the shack for a new station to celebrate the recent passing of his Extra exam. Congratulations Eric!!

**Hustler 6-BTV 10-80 meter Vertical. 24 feet tall, 1KW. Purchased from Gigaparts 4/8/23. (original price \$299.98)**

**ABR Industries 3 ft RG213U w/SO239 to Ring Terminals Split 4-inch WP-HST-2213A-SO-RT-3. Gigaparts 4/28/23 (Original price \$37.95)**

Total Paid \$398.33.

Make offer greater than \$300.00.  
 (Save \$84.40 which I paid for shipping and NM sales tax)

Items are new in unopened boxes with original invoice available.

I decided to go with an inverted Vee and remote antenna tuner to keep things simple.

Contact "Gerry With A G" Jurrens N2GJ

[N2GJ@arrl.net](mailto:N2GJ@arrl.net)  
 (609) 937-2315



**WHAT WE'VE DONE ALREADY**

As you all know, our club will be one and a half years old in October, having started completely new from the ground up. It is not easy to establish a new club, but all things considered, I think we are doing a great job.

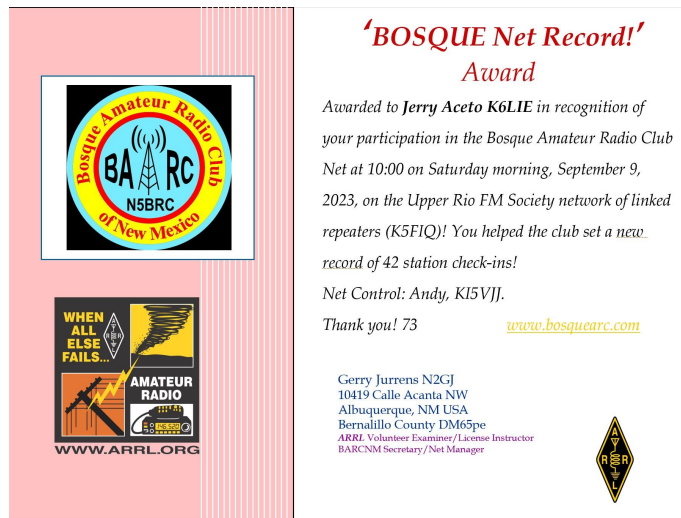
Gerry Jurrens, N2GJ, our club secretary, noted this in a note he sent to me. I also have added a few things to his list. I think this does show we are being successful and will continue, with our members help, to be a success in the community. See what you think about our accomplishments so far:

- We have 64 members who's dues are paid through April 2024 and growing.
- We have established monthly meetings with great presentations that draw over 50% of our total membership each month.
- We have established a club website and Facebook page.
- We have established a club newsletter.
- We have a successful weekly net that attracts 30 to 40 check-ins each week and growing.
- We have successfully deployed the group purchase of club shirts, jackets, etc.
- Successful participation in Explora outreach events.
- Successful participation in events like the Run for the Zoo.
- Participation in the Scouts Jamboree on the Air coming up in October.
- Successful participation in the ARRL Rocky Mountain Division Convention.

I hope I have not left anything out. We are an up and coming club in the ham community and, with the help of our membership, will continue to grow. The next year and beyond will be exciting for our club and I, for one, am looking forward to what the future will bring for our club.

**SOME NET FUN!**

Gerry Jurrens, N2GJ, our secretary and Net Control operator extraordinaire, has come up with a fun idea of awarding those who participate in our Saturday morning nets with the "Bosque Net Record" award. The certificate he came up with makes some very nice wall paper for the shack. I am one of the first proud owners of this certificate and display it proudly!! Thanks Gerry for the fun award!!



## 2 METER/70 CM DUAL BAND ANTENNA

Submitted by member Glen Caine N6HEW

### Dual Band Roll-Up J-Pole Antenna for EmComm

**General:**

The Roll-Up J-Pole is generally considered to be the preferred dual band gain antenna for EmComm Go Kit use. They are durable, compact and easy to deploy. The design described herein is a dual band – VHF/UHF 2M/70cm antenna. This antenna will provide a gain of between 3-5DBi with a SWR of 1.5 or less across the band.

**Material:**

Twin lead is the most common transmission line used in building a roll-up J-Pole. This antenna is constructed using common 300Ω TV twin lead. The conductors should be stranded to provide for easy roll-up and storage and with less ‘memory’ to hang vertically when deployed.

**Deployment:**

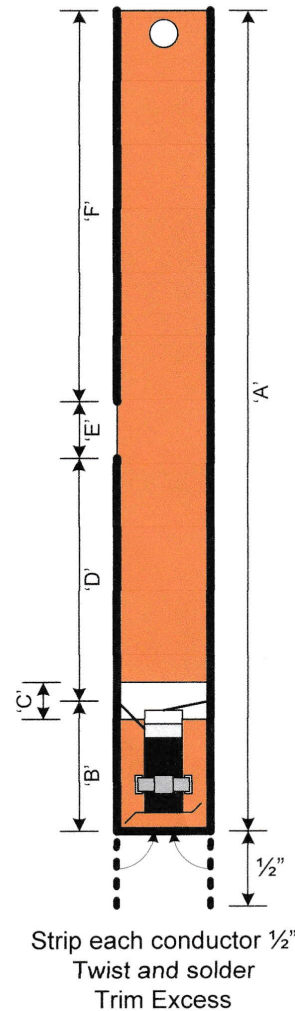
The antenna may be suspended from any non-metallic support. A similar roll-up antenna can be deployed mounted in a pvc pipe for a more permanent installation. The dimensions for an antenna mounted in this manner are slightly different than those below. Consult the internet for the required dimensional changes.

**Choke Balun:**

When deployed it is prudent to install a choke type balun to reduce rf current from traveling back down the coax to your radio. This can be accomplished by adding several ferrite beads to the coax covered by heat shrink tubing or by creating an ‘air’ choke by creating a three turn (3" dia) coil of coax. Either type choke should be installed within 6" of the antenna termination.

**Materials:**

A limited number of ‘kits’ will be available at the build session. The kit contains, 1 ea 5' section of twin lead, 10' of coax (RG-174 or RG-58), 1 each coax crimp connector (BNC(M) or SMA(M)), ty-wraps and heat shrink. The cost of the kit is \$4.00 each. Limit of one kit per attendee.



DIMENSIONS	
'A'	54"
'B'	1.25"
'C'	0.125"
'D'	15.50"
'E'	0.25"
'F'	37"

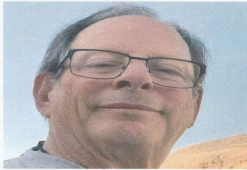
Bill of Materials	
Qty	Description
5'	300Ω Stranded Twin Lead
10'	RG-58 or RG-174
1	Crimp Coax Connector – SMA/BNC
5	Ferrite Beads (ID to fit coax choice)
A/R	Small Ty-Wraps
A/R	Heat Shrink Tubing (3/16" – 1/4" - 1/2")

From the Shack of KI6YWX

No Scale	5/3/2014	LER
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## CLUB CONTACTS

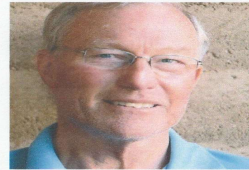
### MEET OUR TEAM



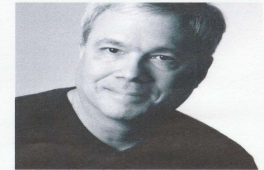
Jerry Aceto K6LIE  
President



Sean O'Mara AA5IZ  
Vice President



Bob Witter W5IV  
Treasurer



Gerry Jurrens N2GJ  
Secretary

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

President - Jerry Aceto K6LIE - [jaaceto@gmail.com](mailto:jaaceto@gmail.com)

Vice President - Sean O'Mara AA5IZ - [sean.g.omarasr@gmail.com](mailto:sean.g.omarasr@gmail.com)

Secretary - Gerry Jurrens N2GJ - [n2gj@arrl.net](mailto:n2gj@arrl.net)

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

**The club needs a social / activities chairman. Please consider this position as we have no one at this time planning events for the club. Please contact any officer if you would be interested in this position.**

You probably notice that the club does not have the ARRL symbol attached to the club marquee. This is because we are not a certified ARRL club yet. I have the application forms and am working to get us certified and listed in the clubs section of the ARRL website. Jerry K6LIE

Please join us for breakfast every Thursday morning anytime between 7:30 and 10 am at the Flying Star in Corrales. Looking to see you for fun conversation and very good food!