

BOSQUE BEACON

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



DECEMBER 2023

EDITOR, JERRY ACETO K6LIE

CLUB MEETING DECEMBER 2 , 10 AM

Email: jaaceto@gmail.com

President's Corner - Jerry Aceto K6LIE



Wow, The last month of 2023 is upon us already. The newest club in the area has been growing. We are up to 65 paid members and I am sure we will continue to grow. We started the club in April of 2022, so we are 1 year, 8 months old and doing very well!

Our December meeting will feature Ed Poccia, KC2LM, presenting his program on The Bernalillo County ARES group. I have a description of the presentation on our website, bosquearc.com., as well as on page 4 of this newsletter.

On the 20th of November, I delivered 306 pounds of food to the RoadRunner Food Bank, just in time, I hope, for Thanksgiving. We will continue to collect food for this months holiday season. We also are collecting warm coats, jackets, mittens, etc, for this months clothing drive for the police at our meeting location. If you have new, or clean used apparel for the kids, please bring them to the next meeting on the 2nd. We will continue this activity until the 2nd week in December, at which time I plan to hand over all your donated items to the police.

I want to thank all of our members who participated in these very important food and clothing drives. Your generosity is greatly appreciated!

I want to wish all of our members and their families a very Merry Christmas and a Happy Hanukkah this holiday season and that you all share happy times with friends and family.

Jerry Aceto 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 around 12:30. If you would like to test or know anyone else that would like to test, contact Mathias at Ab-qRRVET@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

THE BOSQUE BEACON IS PUBLISHED MONTHLY, JERRY ACETO, K6LIE, EDITOR.. NON COPYRIGHT MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN TO THIS PUBLICATION * PRESIDENT, JERRY ACETO, K6LIE * VICE PRESIDENT, SEAN O'MARA, AI5IZ * TREASURER, BOB WITTER, W5IV * SECRETARY, GERRY JURRENS, N2GJ * CHAIRMAN OF THE BOARD, BILL KENT, N5UJC * BOARD MEMBERS, LARRY ELKIN, NY5L * JOHN SCOTT, KF5ROL * CLUB LICENSE TRUSTEE, TERRY ZIPES, W4RCN.

DECEMBER PROGRAM

BERNALILLO COUNTY AMATEUR RADIO EMERGENCY SERVICES

Ed Poccia, KC2LM, will explain the role of BCARES in Ham radio.

The presentation will include: Qualifications (*ICS courses*), digital and voice HF and VHF operating modes, training exercises, details from the last few BCARES drills.

Ed will explain the importance of this vital service provided by the Amateur Radio community.

Looking forward to learning about the emergency service training that is available to all hams in our community.



The W1AW/5 2014 EXPERIENCE at W5YZ

George Key W5YZ

The ARRL Centennial QSO Party was a year-long operating event that celebrated hams making contacts. In the end you will have accumulated points, worked new stations and made new friends all over the world.

The Centennial QSO Party was made-up of two main activities: (1) W1AW operating portable in each state and most territories; and (2) The Centennial Points Challenge which was the accumulation of points from qualifying contacts made throughout 2014.

Naturally, when there are certificates and awards to be had, it brings out the competitive juices, especially in the contesters. While it may not have started out that way, it certainly sounded like one when you were on the air. All Ham bands from 160 through 6 meters were used and CW, SSB (except 30 meters), Digital and RTTY operations occurred on a daily basis.

I mostly worked 12 meter CW. In 20 hours of operation, I worked 919 stations and 51 countries. Band conditions caused the QSO rate to vary wildly, from boredom to bedlam. At one time, the QSO rate was almost 180/hour. Other times, it was extremely slow. Sometimes the pileup was so large that you had to operate split, transmitting on one frequency and listening on another, usually 1-3 khz up so that people weren't calling me on my frequency (like most DXpeditions do).

The operating mode for us was to call CQ and work the pileup. Naturally, without a tower, beam and amplifier, I wasn't going to have as strong a signal as those who were better equipped. But, surprisingly, I worked some very weak stations. All I can say is that they must have had very good receivers. The biggest surprise was in the last hour of operation, I was called by JT1CO in Mongolia and VP8NO in the Falkland Islands. To paraphrase Forrest Gump "This is like a box of chocolates, when you stand by, you never know what you are going to get". Best of all, they were calling ME!

W1AW/5 made over 53,000 contacts in the week-long operating period for New Mexico. I feel I did well with my 100 watts to a 24 foot tall flagpole antenna. This was the most fun I'd had since my DXpeditions to Belize. I did manage to work every station I heard.



December 2023



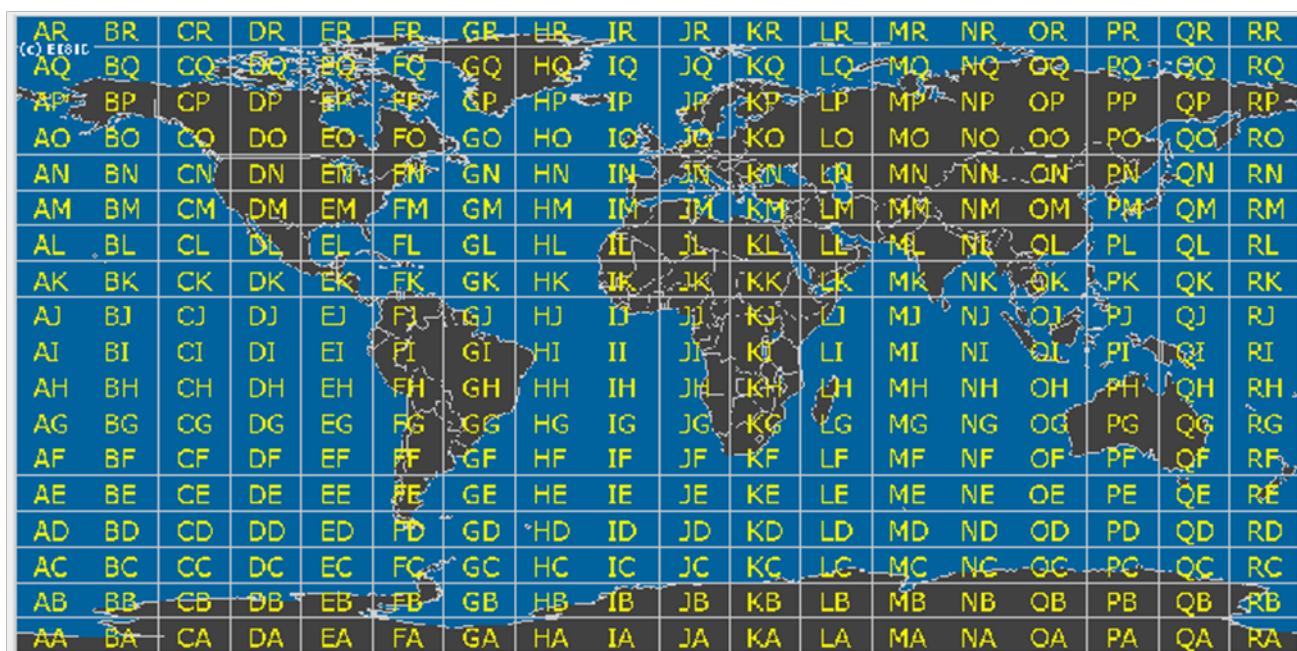
Ham Radio and Grids - *What's a Grid?*

by Ed Poccia , KC2LM

The use of Grid Locators being used by Hams to identify their QTH is becoming more popular especially within the digital mode community. Indeed, FT8 sends so few characters the only way a station can report their location would be to use a Grid locator.

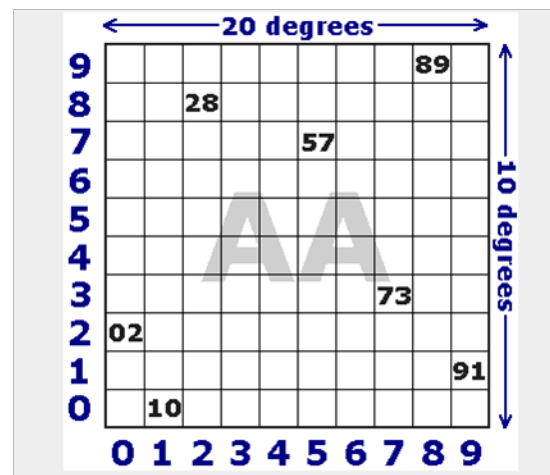
Developed in 1980, Grids were initially used by VHF and UHF stations to clarify their location and thus be able to claim x number of Grids "worked" in lieu of States.

The world is divided into a grid of squares that are ten degrees of latitude high by twenty degrees of longitude wide. Each square is identified by a different two-letter code. New Mexico is located in Grid DM.



Each of these squares is further divided into 10 on each axis, giving 100 sub-squares, each of which is one degree of latitude high by two degrees of longitude wide.

The greater Albuquerque area is listed as DM65.



CONTINUED ON PAGE 7

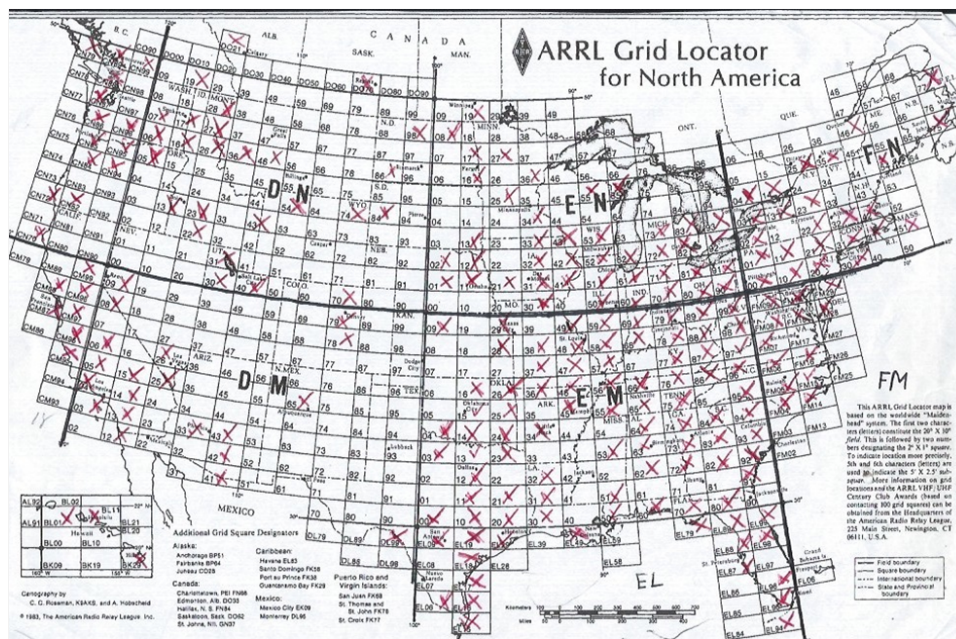
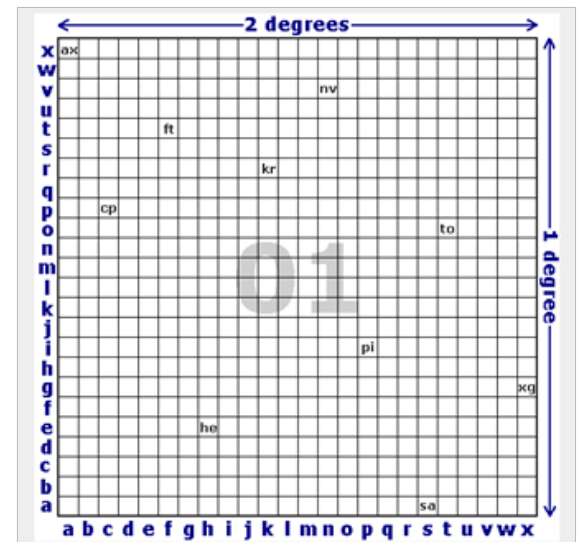
CONTUNED FROM PAGE 6

For higher precision, each grid square is divided into 24 blocks on each axis, giving 576 sub-squares, 2.5 minutes of latitude high by 5 minutes of longitude wide. These sub-squares are identified as letters written in lower case.

A Ham whose QTH is in the Taylor Ranch area of Albuquerque would be DM65pb.

Operators running the mode PSK-31, use Grids and a recent RTTY contest required an exchange that included the station's Grid location.

I use the ARRL Grid Locator Map to check off the stations I have worked in the USA using their 4 character Grid Square, well, rectangle actually.



(Sources: [EI8IC web site](#) "Introduction to the IARU Maidenhead Grid System" and the [ARRL](#))

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 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.

Ham Radio SSTV Activity

Ed Poccia - KC2LM

- 80 Meters: 3.730 kHz - calling freq
3.845 kHz
- 40 Meters: 7.045 kHz - calling freq
7.171 kHz
- 30 Meters 10.130-10.140 kHz (MP73-Narrow ONLY)
10.132 MHz calling freq.
- 20 Meters: 14.255 - 14.235 kHz
14.230 kHz - calling freq (Most Popular)
14.233 kHz - calling freq
- 15 Meters: 21.340 kHz - calling freq
- 10 Meters: 28.660-28700 kHz
28.680 kHz - calling freq

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

Vice President - Sean O'Mara AI5IZ - sean.g.omarasr@gmail.com

Secretary - Gerry Jurrens N2GJ - n2gj@arrl.net

Treasurer - Bob Witter W5IV - rwitter@hotmail.com

