## THE SLETTER OF THE BELLA VISTA AREA RADIO GLUB

Orkansas' Langest Amateur Radio Club

- BVRC Club Station Task Force **Holds First Meeting**
- EXPERIMENTER'S CORNER -Gain Profile of a Foxhunt Antenna
- Announcing the BVRC 2025 Technician License Class!
- BVRC Club Station **Construction Update**
- ARRL Youth Licensing Program
- BVRC Now Conducting **Electronic License Exams**
- Qurious QSLs
- DXCC The Most Prestigious **Amateur Radio Award**
- DXCC DEN Tokelau





September 2025

Monthly Meetings: 1<sup>st</sup> Thursdays @ 7 p.m. Arkansas Law Enforcement Training Academy (ALETA) 3424 S. Downum Road, Springdale AR

(HAM 101 Workshop for Newcomers @ 6pm preceding meeting)

#### Club Calls: N5BVA / W5NX

(Repeater Nets)

(Contesting & Special Events)

**BVRC Twin Linked Repeaters:** 

Bella Vista: 147.255 +600 khz offset, pl 162.2 Springdale: 444.100 + 5 MHz offset, pl 162.2

Website: www.bellavistaradioclub.org

#### **WEEKLY NETS:**

#### BVRC HAM 101 Net Mondays @ 7 pm on the WX5NAS Skywarn Link System:

Bentonville - 146.865, -offset, pl 103.5 Springdale - 147.315, +offset, pl 97.4 Fayetteville - 147.315, +offset, pl 110.9 Huntsville - 443.625, +5 MHz, pl 97.4 Green Forest - 145.310, -offset, pl 103.5

#### <u>BVRC Legacy Net</u> Wednesdays @ 7 pm on the BVRC Dual Linked Repeaters:

N5BVA/Bella Vista 147.255, +offset, pl 162.2

N5BVA/Springdale 444.100, +5 MHz, pl 162.2

#### **BVRC 3830 Roundtable Sunday Afternoons**

4 pm during CST 4:30 pm during CDT 3.830 MHz



## NEXT BYRC MONTHLY MEETING



THURSDAY, SEPTEMBER 4, 2025 @ 7PM
ARKANSAS LAW ENFORCEMENT TRAINING ACADEMY
3424 S. DOWNUM ROAD
SPRINGDALE, AR

#### **September Meeting Information**

HAM 101 Workshop, 6pm preceding monthly meeting – A change-of-pace, fun time workshop is in store for hams, non-hams, newcomers, and veterans alike as Signal Editor Don Banta – K5DB serves as instructor for September's HAM 101 Workshop. Don will be speaking on "Famous Radio Hams". Don gave this presentation 6 years ago, and with the multitude of new members joining the club since that time, attendees will be treated to some very interesting ham radio history regardless of your walk of life and whether you're a ham or not. Be sure to join us and find out the "Who's Who of Amateur Radio".

BVRC September meeting, 7pm – BVRC welcomes back another very special club member for September, when Mark Whatley – K5XH will conduct his program on "Coax 101". Mark gave this presentation several years ago and the club has experienced requests for an encore of this excellent program. Mark has also added some new and current material to share. One of the most vital components of any amateur station is the coax. Be sure and be on hand for a very informative and educational evening with Mark.

**SEE YOU THEN!** 

#### BOARD MEMBERS



### APPOINTED OFFICERS

President
Jan Hagan - WB5JAN
wb5jan@arrl.net

Vice President
Joe Hott - W5AEN
joe.hott@gmail.com

Secretary
Dana Hill - W5DGH
dana.hill1979@gmail.com

Treasurer
Marc Whittlesey - WØKYZ
almarc11@yahoo.com

Technical Officer
Tem Moore - N5KWL
temmoore@gmail.com

N5BVA Trustee & Webmaster Roger Dickey - KJ4QIS dickeyr@gmail.com

Member At Large & Public Information Officer Tom Northfell - W5XNA w5xna@ard.net

Education & Elmer 911 Committee Chair: Vinson Carter - WV5C vinsoncarter@gmail.com

Nets Committee Chair: Dana Widboom - KI5TGY dcwidboom@gmail.com

Membership Committee Chair: Tom Northfell - W5XNA w5xna@arrl.net

Social Media Committee Chair: Alex Smith - KI5EQK <u>ki5eqk@gmail.com</u>

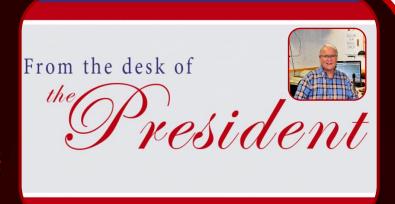
W5NX Trustee
Jay Bromley - W5JAY
jayw5jay@outlook.com

Webmaster Roger Dickey - KJ4QIS <u>dickeyr@gmail.com</u>

VE Testing Committee Chair: Don Banta - K5DB <u>arsk5db@gmail.com</u>

> Newsletter Editor Don Banta - K5DB arsk5db@gmail.com

# For Your Amateur Radio Viewing Pleasure



And now for something different this month, I would like to share with our new members and those new to the hobby, the role amateur radio has played in Hollywood movies and TV shows as well as being the subject of documentary films that have been produced over the years about our wonderful hobby.

The following are but a sample of the movies and films that have been produced where amateur radio plays a role. These were selected due to the "starring role" that amateur radio plays in the plots of each of these movies and as the subject of each of these documentaries. If you have not seen these, plan a couple of "movie nights", grab the popcorn, and enjoy amateur radio "on the big screen"!

#### Amateur Radio in the Movies and on TV



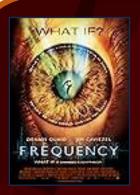
A boy who operates a ham radio and a man who works at a satellite relay station witness the same murder thousands of miles apart and have to figure out how to warn the next potential victim.

To view, click **HERE**.



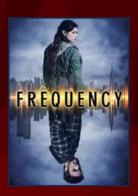
A radio astronomer receives the first extraterrestrial radio signal ever picked up on Earth. As the world powers scramble to decipher the message and decide upon a course of action, she must make some difficult decisions between her beliefs, the truth, and reality.

To view, click **HERE**.



An accidental cross-time radio link connects father and son across 30 years. The son tries to save his father's life but then must fix the consequences.

To view, click **HERE**.



Detective Raimy Sullivan has carried around pain and resentment over her father's death for 20 years, believing NYPD Officer Frank Sullivan was corrupted during an undercover sting and got himself killed. Everything changes when she hears his voice coming from his old ham radio, somehow transmitting from 1996. Raimy tells Frank about his murder, allowing him to survive the event, but the change has tragic consequences on the present, and the two detectives must find a way to rewrite the past without destroying everyone they care about.

To view, click HERE.

#### <u>Amateur Radio Documentaries -</u> <u>From Vintage Films to BVRC today</u>

- \* "The New Word of Amateur Radio" American Radio Relay League, 1987
  <u>The New World of Amateur Radio</u>

And finally, for a more modern documentary demonstrating that Amateur Radio is still alive and well, I offer the following:

Bella Vista Radio Club - Field Day 2025

# KIT BUILDING TAKES SPOTLICHT AT AUGUST MEETING

It was another packed house for the BVRC August 7, 2025 meeting as we had another stellar guest speaker, Joe Eisenberg – KØNEB from Lincoln, NE, with his program, "Kit Building Techniques for Success". Joe was the kit building editor of the former and longstanding CQ Magazine. He is now the kit building columnist for The Spectrum Monitor magazine. First licensed in 1969, Joe's Elmer was Leo Meyerson – WØGFQ, founder of World Radio Laboratories, who started Joe at an early age when Joe resided in Omaha. Joe is well-versed in kit building, having built hundreds of kits from his younger days, and is a foremost authority on the subject. Joe has acquired the ARRL DXCC award, has place first plaques in the ARRL Midwest Division from past ARRL Sweepstakes, as well as many other awards and accolades. But kit building is his passion.



Joe addressed the meeting virtually from his QTH in Lincoln. He first discussed items needed to set-up a kit building station. Joe said he has obtained many common items at Dollar Tree, Harbor Freight, and Amazon.





Joe Eisenberg - KØNEB

He then shared about items that are nice to have when kit building:

- A metered, variable voltage power supply
- Frequency counter
- Oscilloscope CRT scopes ae cheaper now in flea markets. Or, you can build a scope for as cheap as \$23 online@ (www.banggood.com)
- Dummy load
- Vacuum desoldering station or tool
- General coverage receiver (great for entertainment, testing, and checking band conditions)
- AM/FM clock radio (entertainment and time reminders!)
- Random wire antenna for testing receivers
- Solder roll holder and correct solder (Joe uses 63/37 .031 or .025 rosin core solder
- Kit storage to keep parts secure between kit building sessions You can buy a 4-drawer storage chest from Harbor Freight for around \$20. You can keep up to 4 different kits, one in each drawer, plus use the top storage section for larger parts or tools:

Joe said there are basically two types of techniques in kit building: STAGE-BY STAGE, where the kit is built from the power supply onward, and RANDOM, where there is no particular sequence.

#### His Stage-By-Stage Technique follows these guidelines:

- Each stage is thoroughly tested before continuing, making it easier to isolate problems
- If the stage does not work, you can fix the problem before it is more difficult to find
- Smaller numbers of parts are installed at a time



- Place the parts for each stage in their own container so that when completed, there should be no more parts left in that container
- Be sure to have the proper test equipment needed to test each stage before processing

#### No Sequence kits guidelines:

- Start with all resistors first, then all of the capacitors
- Next install the diodes and follow with transistors
- ICs are next, followed by other less common parts, such as chokes, toroids, etc.
- Check the circuit board and documentation carefully to see if the installation goes better if certain parts are installed before others so as not to block access
- Be sure that the supply of each type of part is exhausted as you complete their installation



Joe then proceeded to toroids, which he called "The Trouble With Toroids":

- Follow the instructions for toroids meticulously
- Unwind the wire your going to use to wind the toroid carefully to prevent kinks
- Turns are counted as the wire *passes through* the center of the core
- If you have a variable temperature soldering iron, turn up the heat on your iron and use a solder blob to remove insulation (if it is insulated wire) and tin the leads going to the board
- Otherwise, use a lighter to burn off the insulation on each end of the run of wire, then use an emery board to get rid of residue
- Tin leads carefully before insertion, avoiding melting insulation farther down
- Take your time and enjoy the experience!

Joe concluded his great presentation with some very important kit building tips:

- Remove distractions Use voicemail, etc.
- Read the kit manual!
- Use a cookie sheet to keep thing from rolling or getting away and protect your surface
- Be sure to have batteries or power supply ready as well as plugs, jacks, cables, and accessories needed
- Keep standard spare parts like common resistors, capacitors, etc. on hand
- Use adequate lighting/magnification LED or flourescent. Don't use incandescent lighting. You want blue/white light, not yellow.
- Take your time and enjoy the fun!

We want to thank Joe so very much for taking time out of his busy schedule to supply the meeting with some outstanding kit building information!

#### **AUGUST HAM 101 WORKSHOP**

BVRC's Social Media Chair Alex Smith – KI5EQK was the moderator for this month's workshop, which appeared to be the largest attendance for the workshop the club has experienced thus far!

Alex is well-versed in EmComm (Emergency Communications) as well as public service communications.



Although public service communications can involve holiday events, fairs, workshops, parade, and other occasions, much of public service radio is involved with bike and foot races. Alex showed slides of recent local events that the club has assisted in. He shared the pre-event arranging and the critical area of logistics. Pre-arranging radio assistance in these events is part of the fun in amateur radio public service, as well as the actual communication-on-the-radio process. He illustrated the stations which are set-up along the route as well as the Net Control Station. THANKS ALEX!!! If EmComm/public service is your 'cup of tea' in amateur radio and you wish to get involved with future events, contact Alex and let him know! His e-mail is: ki5eqk@gmail.com.

### BVRC Club Station Task Force Holds First Meeting Since Signing MOU

The BVRC Club Station Task Force held its first meeting following the recent signing of the Memorandum of Understanding with the Arkansas Department of Public Safety, Division on Law Enforcement Standards and Training. The meeting convened at the ALETA complex on Thursday evening, July 31. BVRC President Jan Hagan – WB5JAN presided over the meeting.



BVRC Club Station Task Force members from L to R: Chuck Korzendorfer-KM5G, BVRC Technical Officer Tem Moore-N5KWL, BVRC Vice-President Joe Hott-W5AEN, BVRC Treasurer Marc Whittlesey-WØKYZ, Stan Stockton-K5GO, BVRC President Jan Hagan-WB5JAN, BVRC member/ALETA Representative Gregg Harrison-K5GKH, and BVRC Past President and Membership Chair Tom Northfell-W5XNA (Photo: Don Banta-K5DB, Signal Editor/TF member)

The following topics were discussed.

- Determination of the club station tower location and construction: The consensus is to locate the tower on the back side (east side) of the ALETA building. The tower will be approximately 56 feet tall with 4 feet of the structure installed in a concrete base. It will be a Rohn 45-gauge tower, attached to the apex of the building by tower bracket. By attaching the tower to the building, this will give good stability to the bottom 26 feet section of the tower and eliminate the need for guy lines to the top section. Construction materials for the tower were also discussed. The tower placement location and installation are the paramount items to be achieved for the moment. The task force hopes to complete this initial phase of the club station around mid-fall.
- **Coax routing:** Several ways to route the coax feedline were discussed and examined. A final decision on this phase will be determined later.

- **Antennas:** The preliminary plan for the club station antenna system will be a tri-band beam for 10-, 15-, and 20-meters, and an inverted-V dipole for 40-meters. The task force determined that an 80-meter band antenna is not needed at this time. However, if the need arises for an antenna for that band, that issue will be considered and discussed.
- **Station equipment:** The club already possesses a Yaesu FT-991A and FT-450d transceiver. It has also very recently received donation pledges for another very nice HF transceiver, linear amplifier, Heil microphone, Heil boom, Heil trigger PTT switch, and computer monitors. Other equipment needed will be discussed at the next Club Station Task Force meeting.

The BVRC Club Station Task Force looks forward to accomplishing these goals as soon as possible and to have the club station on the air sometime this fall. Updates will be announced as the club station construction continues.





BVRC Membership Chair, Past President, and Instructor, Tom-W5XNA, has announced the convening of the 2025 BVRC Technician License Class:

CLASS DATES: Saturday, September 13 and Saturday, September 20, 2025

CLASS LOCATION: Arkansas Law Enforcement Training Academy (ALETA)

3424 S. Downum Road Springdale, AR 72762

CLASS DURATION: 9:00 am - 3:00 pm

FOR FULL INFORMATION ON THE CLASS, (HOW TO REGISTER, MATERIALS NEEDED, RULES, ETC.)

#### **CONTACT TOM-W5XNA AT**

w5xna@arrl.net

#### BVRC VE REPORT

From Don Banta - K5DB BVRC VE Coordinator August, 2025



**SPRINGDALE** 



#### **CONGRATULATIONS!**

Ryan Biazo – K5HEX – Tontitown – New General! Alan Flynn – KJ5LZN – Fayetteville – New General!

NOTE: Next month's Springdale exam session will be on the FIRST Saturday:

Next session: Sat., September 6, 10:00 am
Shiloh Museum of Ozark History
Old General Store Building
118 West Johnson Avenue
Springdale

**BELLA VISTA** 



#### **CONGRATULATIONS!**

Chris Gallenstein – KJ5MMQ Bella Vista – New Technician!

Next session: Sat., September 13
Bella Vista Public Library
11 Dickens Place
Bella Vista



# BYRC VE Teams BYRC VE Teams Commence Electronic Commence Electronic Examination Examination Sessions EXÂMTO Tools for the modern VE team

This year, the ARRL VEC advised all Volunteer Examiner teams across the U.S. that beginning on January 1, 2026, amateur radio license exam sessions would convert to online electronic method.

Paper sessions will only be used in an extreme emergency.

On August 9 and to begin the transition to electronic testing, BVRC conducted its first electronic session at the Bella Vista Public Library under the guidance of our Bella Vista VE Team Leader, Robert Hill-K5NZV. The 'maiden voyage' session went very well.

We want to thank Robert so very much for doing the legwork on the ExamTools website to get Bella Vista's VE team setup, get future examination sessions listed on the HamStudy.org website, and provide excellent instructions to assist our Bella Vista BVRC VE team members in also making the transition of getting registered and valid in the system. Thanks to our super webmaster, Roger-KJ4QIS, new guidelines also now appear on the 'Testing' tab of the BVRC website (<a href="https://bellavistaradioclub.org/testing/">https://bellavistaradioclub.org/testing/</a>). The Springdale VE team has also completed the transition.

To describe a brief summary of the new electronic testing format, the VE teams will be using the ExamTools website (<a href="https://exam.tools/">https://exam.tools/</a>) system. The system works well for online or printed examinations and includes registering and tracking candidates throughout the session, on screen exams and grading, online signing of CSCE and 605 application forms by the candidate and examiners, logging and compiling session stats and VE participation list (test report summary enabling attending VEs to receive credit), and output files for upload to ARRL VEC. The program manages/handles almost everything needed to conduct a test session.

An informal straw poll was conducted after the Bella Vista session, to gauge the opinions of the team. The entire team had very positive comments about the procedure, ranging from no longer having to deal with the repetitious signing of the paper forms, being able to monitor the progress of the candidates as they proceed through an exam with their cellphone, tablet, etc., and making the exam session more organized and quicker. (For example, previously when using paper forms, when the candidate completed their exam using their paper answer sheet, the sheet would have to be given to an examiner using an answer template to superimpose on the answer sheet to grade the exam. With ExamTools, the candidate takes the test on their cellphone, tablet, laptop, etc. and when they are satisfied with their answers, they tap the Submit button and their test is graded by ExamTools in about 10 seconds.)

Both BVRC VE teams look forward to many future electronic online exam sessions in serving the club and providing a more expedient and accurate atmosphere to exam candidates.



The first step in getting the correct measurements and determination of where to drill the hole and cut the slot for the BVRC Club Station tower bracket was accomplished on Friday afternoon, August 15. The main section of the bracket will be located inside the ALETA gymnasium and will be secured to the easternmost I-beam truss, extending through a slot in the building's east wall, then outside to attach to the tower. This will enable the building to give stability to the tower at around the 22-to-23-foot mark, and will enable the tower to be freestanding, eliminating the need for guy lines on the upper portion.

BVRC President Jan Hagan – WB5JAN reported the following on this initial step before actual tower assembly begins:

"The first hole was drilled through the superstructure of the ALETA building today. This one hole provided the necessary remaining measurements to complete the tower and antenna installation design. Time to drill the hole – **one minute**. Time to place the lift, install the rigging and provide the necessary support – **one and a half hours!** Safety First! Thank you to Chuck-KM5G, Stan-K5GO, Gregg-K5GKH, Marc-WØKYZ, and Michael-W5KMK."





# WELCOME NEW BURC MEMBERS!

Brandon Nevarez – Rogers
Jordane Schwartz – Farmington
Steven Celerity – Gentry
Janelle Smiley – Fayetteville
Austin Moreton – Seligman, MO
David Gosnell – WB5SFJ – Bella Vista
Chris Gallenstein – KJ5MMQ – Bella Vista
Ty Bishop – Fayetteville
Curtis Dunn – K7CDR – Yelm, WA



## W5 INCOMING QSL BUREAU UNDER NEW MANAGEMENT

For all BVRC DXers, in case you haven't heard and although the change was effective April 1, 2025, we have just learned the W5 Incoming QSL Bureau management has transitioned from the Oklahoma DX Association to the Rusk County Amateur Radio Club in Henderson, TX (about 70 miles ESE of Shreveport, LA). **NOTE: THIS CHANGE ONLY CONCERNS THE MAIN MANAGEMENT OF THE BUREAU.** Your card sorter should remain the same. To confirm this and to also see your # of envelopes on file, go to: <a href="https://www.w5incomingbureau.net/buro-sorter.html">https://www.w5incomingbureau.net/buro-sorter.html</a>. Also, due to rising postage rates, supplies, and printing costs, to order 5 envelopes for the bureau now costs \$7.50 (\$1.50 per stamped envelope). To view the new W5 Bureau website, go to: <a href="https://www.w5incomingbureau.net">www.w5incomingbureau.net</a>.



# BVRC Website Now Features SIGNAL Topical Index

For 7 years The Signal has served as the official newsletter of Bella Vista area Radio Club. During that time, it has featured a large plethora of topics on amateur radio to further encourage and educate BVRC members, new and old alike.

Are you researching or looking for material to answer a question or assist you in a project?

Of course, there are many online resources you can turn to for help. However, you might also find the information you need in a past Signal article.

Our fabulous website now features an option you can use by looking up past Signal articles by topic. The topical index is divided into 6 categories: Antennas, Equipment, Operating, Technical, History, and Miscellaneous, along with the issue and page number where the article can be found. We hope this will be an added convenience to BVRC members. So, you can now lookup Signal information by issue or topic.

Give the new topical index a try!:

https://bellavistaradioclub.org/newsletter-index/

#### Maker Faire NWA

#### September 6, 2025

This year, Maker Faire NWA celebrates its fourth year in hosting this event.

Maker Faire is a gathering of fascinating, curious people who enjoy learning and who love sharing what they can do. From engineers to artists to scientists to crafters, (to ham operators!) Maker Faire is a venue for these "makers" to show hobbies, experiments, projects.

They call it the Greatest Show (& Tell) on Earth - a family friendly showcase of invention, creativity, and resourcefulness.

Website: <a href="https://nwa.makerfaire.com/">https://nwa.makerfaire.com/</a>

Whether you're a new or returning exhibitor or a first-time participant/attendee, Maker Faire is your chance to share your passion projects, connect with other makers, and inspire curious minds of all ages. From tech builds and DIY crafts to robotics, woodworking, needlework, and more — all forms of making are welcome!

This year, BVRC will have a table at the Maker Faire, administered by club member James Bennett – KA5DVS. If you are interested in attending and/or assisting James with our table or for more information, contact him at: ka5dvs@gmail.com.

DATE: Saturday, September 6, 9am-5pm LOCATION: Fayetteville Public Library 401 W. Mountain St. Fayetteville, AR

# 

A reminder to all BVRC General and higher license class holders, in addition to BVRC's fine repeater Nets – The HAM 101 Net on Monday evenings and The BVRC Legacy Net on Wednesday evenings – don't forget BVRC's HF Net, The Sunday Afternoon 3830 Roundtable!

The Net meets each Sunday afternoon at 4:30 pm during local Daylight time, and 4:00 pm during local Standard time.

Hams from all over our area check-in to the net and make their comments "around the table" concerning all types of topics. It is a very entertaining and informative time. During winter months, check-ins from the upper Midwest to the Southeast are common.

If you have General license privileges or higher, and the station and antenna to operate the 80-meter (actually 75-meter) band, enjoy a windup to your weekend and join us on the Roundtable.

3.830 kHz.



Another radio amateur researched this a long time ago, and this was the answer he found:

It was the "Wild West". - The days of Samuel F.B. Morse and the telegraph. Winchester had developed a new weapon, which was probably one of the greatest inventions of the times: the Model 1873 repeating rifle. It was a grand invention, and news of it spread like wildfire across the nation. Everyone wanted one. It was the talk of the town and of the West. Telegraph operators in wishing each other "have a good day", "best wishes and regards", or "good luck", began wishing each other "73".....and it stuck.



ARRL, The National Association for Amateur Radio<sup>®</sup>, has introduced a sweepstakes offering members the chance to win an Icom Dream Station including a limited-edition IC-7760 HF/50 MHz transceiver, IC-PW2 linear amplifier, and Icom microphone, generously donated by Icom America.

The ARRL Sweepstakes will run from January 3 to December 31, 2025. It is an exciting centerpiece of a year-long campaign to encourage new membership, and a fun way for current members to extend their support for ARRL.

For more information, click here.



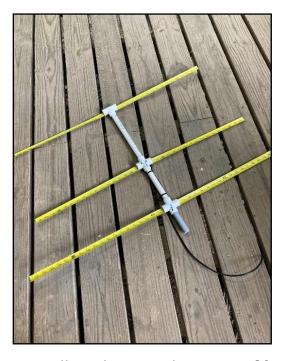
#### This Month's Topic:

### Gain Profile of An Antenna Built for Fox Hunt

The antennas built at the last Field Day gathering were simple 3 element Yagi antennas built with steel tape measures and PVC tubing and fittings. They are designed to work on the 2 M band. The specific Fox we used transmitted at 146.560 MHz.

I thought it would be interesting to actually measure the beam pattern with an eye on potential improvements and a bit of an educational exercise in such measurements.

The equipment for the measurements was relatively simple. The Fox was the transmitter and the last kit was assembled for the antenna receiver. The experiment consisted of measuring the signal strength as a function of the angle of the antenna.

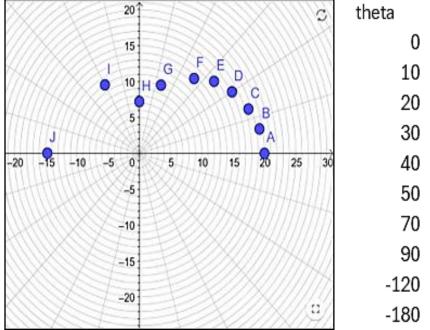




Pointing the antenna directly was chosen as 0°. A "Tiny Spectrum Analyzer" was used to measure the signal strength. The transmitter was about 140 ft away from the receiver. The transmitter was tapped to a 10 ft piece of 2" PVC pipe about 8 feet above the ground. The receiver was held likewise above the ground with one significant difference. The base of the PVC pipe as held is a machinist's rotary table which allows precise rotation of the antenna. At about 120 pounds the rotary table provided a very solid support for the antenna. The spectrum analyzer was connected to the antenna with a 10 ft piece of RG 223/U coax to avoid possible influence from the operator standing too close.

The spectrum analyzer sweeps a chosen region of the spectrum (100-200 MHZ in this case) and displays the frequency and the signal strength. Thus, most extraneous signals are easily avoided. The noise floor was about -95 db during the experiment. The fox transmitted a periodic off and on signal which helped to confirm that the signals were actually from the fox.

The graph shows the results, and the table gives the actual numerical values. I had to do some manipulations with the numbers to make a useful graph. I subtracted the average background (noise floor) signal from the measured signal strength and made the numbers positive (column 3). Theta is the antenna angle, and r is the measured field strength. The measurements were repeated 3 times to make sure the battery on the transmitter was holding steady.



eta	r		r'		theta R
0	)	-65		20	0
10	)	-65.5		19.5	0.174533
20	)	-66.5		18.5	0.349066
30	)	-67.9		17.1	0.523599
40	)	-69.4		15.6	0.698132
50	)	-71.4		13.6	0.872665
70	)	-74.9		10.1	1.22173
90	)	-77.8		7.2	1.570796
-120	)	-74		11	-2.0944
-180	)	-70.3		14.7	-3.14159

The distance from the center point 0,0 is proportional to the relative measured signal strength. Point A corresponds to the antenna pointed directly at the transmitter and corresponds to zero degrees on the graph (horizontal line, the right arrow). Point H corresponds to 90° and is expected to have the smallest signal. Points I and J were taken with the antenna facing away from the transmitter. You might expect the signal to be zero, but keep in mind that this is only a three element Yagi and there really is not much difference between forward and reverse. The forward to backward ratio is about 1.07.

As built, the SWR of the antenna at the frequency of these measurements was 2.7 and 1.1 at the resonance frequency, 148.7 MHz. A little trimming (very little) would bring the antenna closer relative to the current fox.

### NGING THE 5TH







Date: Thursday, October 9, 2025

**Time Period: 7pm – 8:30 pm local time (0000-0130Z, October 10)** 

Frequency: 3.540 - 3.560 kHz

Operating classes: CLASS A - BVRC member - Experienced CW operator

CLASS B - Newcomer or newer CW operator (BVRC member or non-member)

**CLASS C** – Non-BVRC member – Experienced CW operator

CLASS D - Listeners who copy only (log calls of participating stations you heard)

CQing: Send "CQ CWR CQ CWR"

**Exchange:** Signal report (including operating class) / QTH (your location) / name

Example: You are a newer CW operator and you are in a QSO with K5XYZ whose signal

is readable, their signal strength is registering a '7' on your S-meter and their signal tone is good. Your [example] callsign is W5ABC, you live in Bentonville, and your name is Albert. You would then send something like:

K5XYZ DE W5ABC (K5XYZ this is W5ABC) BT (break)

RST IS 579 B 579 B BT

QTH IS BENTONVILLE, AR BENTONVILLE, AR BT

NAME IS ALBERT ALBERT BT

**HW CPY?** (How did you copy my transmission?)

K5XYZ DE W5ABC K (Over)

The other station would then reply with their information using the same format. After the exchanges are completed, short informal remarks can be made during the QSO if desired, after which the contact would end with something like:

TNX FER QSO (thanks for the QSO)

GL ES 73 (Good luck and best wishes)

K5XYZ DE W5ABC SK (end of contact)



**Description of event:** This 1½-hour event is not a contest. Rather, it is a celebration of our area newcomers new to CW, returners to the mode of CW, and listeners. Also, it is an invitation to our veteran CW operators to enjoy helping the newcomers in making live, on-air CW contacts. There are no points scored, and no results or standings posted. You do NOT have to be a member of BVRC to participate.

A handsome certificate will be issued to each participant submitting a log entry from the event. (See above)

To qualify for a certificate, send logs no later than Saturday, October 18, to Don Banta – K5DB: Regular mail log: Don Banta Electronic log: arsk5db@gmail.com

3407 Diana St.

Springdale, AR 72764

Attach Cabrillo file: [call].log



# TO ALL MEMBERS OF THE BELLA VISTA area RADIO CLUB: Are you an ARRL Member?

### If not, why not join the 160,000 members of the ARRL?

BVRC is an ARRL affiliated club with over 60% of the membership as members of the American Radio Relay League. However, we also have members who have not joined. The yearly membership fee for the ARRL is \$59.00 (\$4.90/month). This membership includes a subscription to QST, the iconic publication of amateur radio, which each month includes great articles about all facets of our hobby.

Along with QST being sent to you as you choose each month, digitally or hard copy, as an ARRL member you will enjoy these great benefits:

- ON THE AIR A digital subscription that is also available to members. On The Air is geared to new hams coming into the hobby with loads of articles to help get them started on the right foot.
- QEX and NCJ Your membership also gains you access to yet 2 other great amateur radio periodicals, QEX-dedicated to the technical side of the hobby and NCJ-National Contest Journal dedicated to the radio sport of contesting.
- ARCHIVE and PERIODICAL SEARCH Members have access to search for QST articles 1915-2011, and indexes for ARRL's QEX, NCJ, and Ham Radio publications.
- FREE LICENSE RENEWAL When it comes time to renew or modify your license, ARRL will process, or help you with, your renewal/modification (if you wish to forego doing it yourself via the FCC Universal Licensing System) for free as a member.
- OUTGOING QSL SERVICE If the need arises for you to exchange QSL cards with a foreign ham, as a member, ARRL can serve as your mail carrier and handle your overseas QSLing chores. The savings in postage you accumulate through this service alone can pay your membership dues many times over. The starting rate is 10 QSLs for only \$2.00!

- YOUR LEGAL ADVOCATE ARRL supports legislation in Washington, D.C. that preserves and protects access to existing amateur radio frequencies as a natural resource for the enjoyment of all hams. As a member, you contribute to the efforts to preserve our privileges.
- MANY OTHER BENEFITS When you join ARRL you can avail yourself to becoming involved in a plethora of other activities that ARRL offers such as: continuing education, regulatory information branch, public relations, ARRL Field Organization, ARRL sponsored contests, operating awards, ARES (Amateur Radio Emergency Service), hamfests and conventions, the VE (Volunteer Examiner) Program, and many other ARRL member features.

Recently, Joel Harrison – W5ZN, past ARRL President, current President of the Arkansas DX Association, and current Secretary of the International Amateur Radio Union, made this statement to ADXA members, but can be applied to all of us:

"Your ARRL membership is critically important beyond the DXCC program. There is no other organization in the United States – NONE – that promotes and defends the amateur radio service at the FCC, in Congress, and many other agencies and organizations. Internationally, ARRL is a vital member of the International Amateur Radio Union team, defending amateur radio at the International Telecommunications Union and at World Radiocommunication Conferences that have the authority to take the radio spectrum, shuffle it like a deck of cards, and hand it out to whoever they see fit.

Let me state this one more time — there is no other organization in the United States that does this — NONE! If amateur radio is important to you, then ARRL should be just as important. Oh, you say you don't like ARRL because of some of the decisions they've made in the past? Well, I served on the ARRL board for 22 years, four years as ARRL President, and it may come as a shock that I didn't agree with everything either! Collectively, though, the ARRL board reaches decisions based on member input, which has maintained a strong amateur radio service for over 110 years."

To view all the membership options: <a href="https://www.arrl.org/membership#dues">https://www.arrl.org/membership#dues</a>

To apply for a new membership or renew your current membership: <a href="https://www.arrl.org/membership">https://www.arrl.org/membership</a>

If you're not an ARRL member, you're missing out.



I received a mailing from the W5 Incoming QSL Bureau recently. I always enjoy getting a mailing from them because, as all avid DXers know, it could be a mini-treasure chest...you never know what's in the envelope. The mailing this time only had 5 cards (sometimes there's 3-4, sometimes 10-12), but one of them caught my eye.

It's from a 24-year-old YL in New Zealand, Xenia – ZL4YL. I did a little research on her, and came up with some interesting findings.

Xenia first got her license in 2015 at the age of 14. She is an avid DXer and contester (right after my heart, lol). I worked her last year on 20 meters FT8 and figured with the "YL" suffix of her call sign, I probably had worked a YL operator but didn't think much more about it. But then, I received her QSL (and have answered).

It appears Xenia is into amateur radio pretty heavily. She has a Ten-X number, operates CW (which is her preferred mode of operation! – My kinda gal!) along with the other modes and is an avid DXer and contester.



Further research revealed *why* she is such an exuberant operator: Her mom is ZL2YL, her sister is ZL2GQ, and low and behold her dad is Holger-ZL3IO. If you are one of BVRC's DXers, I bet you've worked Holger at some time or other on various bands and modes. He has helped me with New Zealand confirmations on several bands over the years. – It's a small world......Just thought I'd share this. It's exciting to see young people like this in ham radio!

If you have received an interesting QSL to share, send me the image and your story! We'll put it in The Signal!



If you, your friends, or your relatives know of a young person 17 years of age or younger that is interested in taking the Technician Class license exam and obtain their first amateur radio license, here is an excellent economical way to get them started.

The ARRL Board of Directors approved the Youth Licensing Grant Program at its July 2021 meeting in Hartford, Connecticut. The program went into effect on April 19, 2022.

#### How it works:

At the exam session, the standard test fee is \$15.00. However, persons 17 years of age or younger pay a reduced exam fee to the ARRL VE testing team of only \$5.00. Proof of age is required at the session. Any of the following is acceptable for proof of age:

#### **PHOTO ID (1 required)**

- State Driver's License or Restricted Driver's License
- Government issued Passport
- Student School Photo ID card
- State Photo ID card

If a photo ID is not available, <u>two non-photo IDs</u> are required:

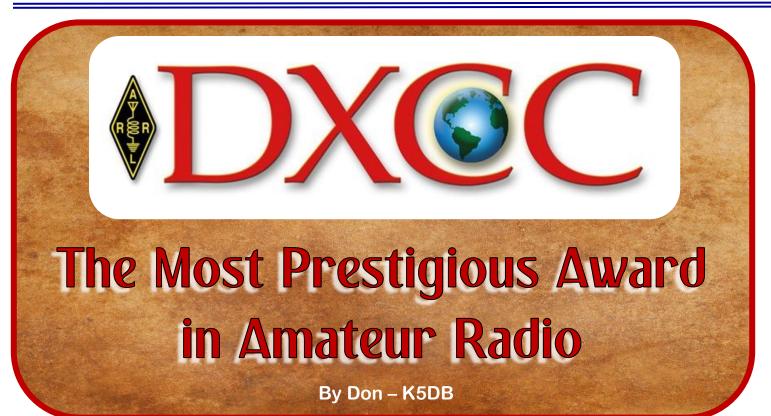
- Birth Certificate
- Social Security Card
- School ID card
- School or Public Library Card

VERY IMPORTANT – The youth candidate *must also obtain and <u>have with them at the exam session</u>, their FCC Registration Number (FRN). To obtain their FRN, they need to go to the FCC registration page (<u>click here</u>), then click "REGISTER" in the center box and follow the prompts from that point.* 

In a few days after passing their test and the exam documentation is processed, they will receive an e-mail from the FCC with a link to pay the FCC \$35 license fee. They, or any payer, will have to pay the fee up front. However, they can then e-mail or snail mail the Youth Reimbursement Form to the ARRL (the form is available from the testing team at the exam session), and the ARRL will mail a \$35 reimbursement check to the fee payer.

In essence, it will cost them only \$5.00 to obtain their first license. – Outstanding!

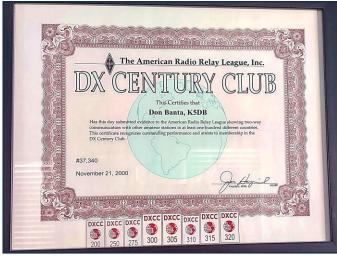
Their new license is good for 10 years. Then in the future, if they choose to upgrade to the General and/or Amateur Extra license, upgrades are free! When/if the upgraded license is issued, it will replace the old license with a new grant and expiration date.



(As you read this article, enjoy the shack photos of some of our BVRC members who have acquired, or are currently working on, their DXCC award.)

BVRC has many new members to our club and to our wonderful hobby that are just getting started in their adventures on our repeater nets, at our club meetings, at our special events, and at our annual BVRC Field Day. Then we have what we could call our intermediate members – those who have been in the hobby for one to five years. Then, our advanced and veteran members who have 6 or more years in amateur radio.

No matter your experience level or whether you enjoy kit building, emergency communications, public service communications, repeaters, awards pursuance, contesting, general operating, Parks On The Air, or whatever area of interest, if you have not already done so, *you are encouraged to endeavor acquiring the most famous, impressive, renowned, distinguished, and respected award in amateur radio to place on your shack wall — The DX Century Club award — or as it is popularly known, DXCC.* Sure, there are MANY other great and interesting aspects of our hobby. But how about giving the pursuit of the DXCC award a try?



The ARRL DXCC award has been in existence since November 15, 1945.

In recent years, several other online organizations have "copy-catted" the DXCC award with a similar type of their own and making the requirements to obtain their various DX awards easy and convenient. But...there is **ONLY ONE** genuine and authentic DX award. The "grandaddy" of them all, – The ARRL DXCC.

Yes, the requirements to obtain your DXCC award are more stringent, but far from impossible. Over the decades hundreds of thousands of radio amateurs worldwide have pursued and acquired this coveted award.

Pursuance of the DXCC award leads to many positive results including:

- Improving your operating technique and ability
- Learning the importance of keeping your station in top operating condition to work and confirm countries (or any other operating aspect for that matter)
- Learning how to receive and successfully copy weak stations at times
- The excitement of contacting and logging faraway places, some you've never heard of
- Learning the history of distant lands
- Evolving into an "amateur geographer"
- Becoming an avid amateur radio record keeper (it's fun whether you like bookkeeping or not)
- Meeting, and sometimes making lifelong, international friends
- Accumulating a collection of interesting QSL cards from all over the world
- The pleasure and satisfaction of knowing you have accomplished a feat that the majority of amateur operators have not
- Acquiring DXCC also has the potential of enabling you to also qualify for other handsome operating awards
- "Rubbing shoulders" with other DX enthusiasts and sharing/accumulating more knowledge on how to keep adding new countries to your confirmed list
- The self-encouragement of upgrading from the limited HF restrictions of a Technician license to the General and/or Amateur Extra license. Doing so literally opens-up the HF world and the exponentially gained ability and privileges to work more DX countries
- The self-encouragement to effectively learn and operate CW (Morse code) to add another weapon to your operating modes arsenal (not necessary but *very* beneficial)



James Wood – N5ZMX - Lowell

award!



Brandon & Lanna Gage W5BNL & N5ALG – Bella Vista



**Chuck Haley – NS5C - Springdale** 

To obtain your first DXCC award, you must acquire what the award's title is named after:

DX - Distance Century - 100 Club

When you work and confirm a minimum of 100 countries, you have qualified for your first DXCC



Mark Sutherland – K5DXR West Siloam Springs, OK



Dennis Tune - W5DM - Fayetteville

The endorsement stickers are issued as additional DXCC credits. For the Mixed, Phone, CW, Digital, 40, 30, 20, 17, 15, 12 and 10-Meter DXCC award, the stickers are provided in exact multiples of 50 (i.e., 100, 150, 200, 250) between 100 and 250 DXCC credits. Then in multiples of 25 between 250 and 300, and in multiples of 5 above 300 DXCC credits.

The endorsement stickers for the other bands (160, 80, 6, 2, etc.) are issued in a different format. (See the full information on endorsement stickers in the DXCC section of the ARRL website.)

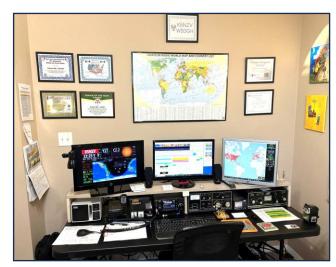
Now....perhaps this thought has come into your mind: "There's no way I can work 100 or more countries; all I have is a 100-watt radio and a modest antenna."

Nothing could be further from the truth. Yes you can! It's been done thousands of times!

Club wise, BVRC has many new General and Amateur Extra class licensees (and also some of our Technicians in a more limited fashion) who have joined the ranks in "chasing" and acquiring this most esteemed of all amateur radio awards. Many of them have already acquired DXCC or are getting close to it, and our more veteran members are still enjoying the thrill of continuing the high adventure of completing advanced DXCC goals and plateaus.

After achieving your initial DXCC award, you can make a lifelong pursuit in adding to your DXCC record – which is permanently kept in the ARRL DXCC database – by acquiring additional endorsement stickers to your award for working and confirming additional entities (countries) from the DXCC list. You then affix these endorsement stickers to your original award:





Robert Hill - K5NZV - Bella Vista

For full information on the DXCC award rules, endorsements, entities list criteria, and other information, click here.

For the list of the current 340 DXCC entities, click here.

An important note: You MUST be an ARRL member to apply for and acquire the DXCC award or any other ARRL award. There are many perks you have as an ARRL member – besides awards – of which one is receiving a weekly e-mail alerting you as to the rarer DX countries that are on the air that week. (See <a href="https://www.arrl.org/membership#benefits">https://www.arrl.org/membership#benefits</a>)

If you choose to use ARRL's Logbook of the World (LotW) for some or all of your record keeping purposes (you'll definitely want to do that), <u>LotW is FREE to use</u> for all radio amateurs. But, when you get ready to apply for the award you'll need to be an ARRL member.

I could relate to you countless stories in the past 8 years I've been a BVRC member of introducing, demonstrating, and having new members operate the HF bands here in the shack, and see their faces light-up and flood with elation and thrills as they make their first contacts with DX stations.

I remember my first DX contact outside of North America. It was November, 1969. It was on 15-meters CW. I was 13 years old. I had a 75 watt Heathkit DX-40 CW/AM crystal controlled transmitter, a Hammarlund HQ-110 receiver, and a small dipole mounted just above the roof ridge of Mom and Dad's house. I called 'CQ' and ZE6JL in Rhodesia (now Zimbabwe) answered me. I was so excited, I got really sloppy with my CW sending, my hand was shaking so much. I was *totally amazed* that with a small hunk of wire on top of the house and a transmitter operating with the amount of power to run a light bulb, I had made a contact with a station almost 8,900 miles from my bedroom. At that moment, I WAS HOOKED ON DXing.



Jan Hagan - WB5JAN - Bella Vista

I still pretty much experience that same feeling when I work a new country 56 years later. And I also get that same ol' feeling when I see our new members undergo that same euphoria and jubilation.....if you haven't yet, you should experience it too!!!

A very important note on working DX countries and pursuing DXCC: Everything depends on BAND CONDITIONS. Sometimes they're great, sometimes they're sick. That is the beauty and challenge of pursuing

the DXCC award and endorsements. - It's a never ending battle, but it's a FUN battle!

You might now be saying, "Ok....this sounds pretty interesting. But is working toward adding countries to an award all there is to it?"

Absolutely not! There are LOTS of other ARRL DX awards that complement the DXCC award.

For example, after you get your first DXCC award by working and confirming a minimum of 100 countries on any band or mode, how about working and confirming 100 countries on EACH INDIVIDUAL BAND?

By acquiring DXCC on the original bands of 80, 40, 20, 15, and 10 meters, you will qualify for the *Five Band DXCC Award*:



After completing this, you can then add medallions for working DXCC on 160, 30, 17, 12, and 6 meters. (I'm still working on my 6-meter DXCC.) And, if you're REALLY into it and have the equipment for it, you can follow the footsteps of many hams in our great state of Arkansas as well as around the world, that have accomplished this feat on 2 meters!

And how about the other DX awards that your DXCC credits have the potential of also counting for? – Worked All Continents, Five Band Worked All Continents, DXCC Challenge Award, Worked Prefixes, Worked All Zones, and Five Band Worked All Zones.

Over the decades I have had tens of thousands of hours of excitement and enjoyment acquiring these awards on my DX journey, but I'm not finished yet! I'm getting close to the Five Band Worked All Zones award and I'm excited to continue pursuing that one. The adventure never ends!

So - how about <u>you</u> beginning <u>your</u> DXCC journey? Are you going to go for it? If so, here are two final things to share with you......

First, here are 10 basic and beginning tips on making your DXCC journey easier and more exciting:

1) Although we can all search for new DX countries on our own by tuning up and down the bands, DX contests can help you sometimes acquire new countries quickly. Keep an eye out for the big ones: CQ Worldwide and ARRL DX Contest. You can keep up with these and other U.S. and DX contests on the Contest Calendar website:





Tom Northfell – W5XNA - Fayetteville



Kathy Bromley - WQ5T - Tontitown

- 2) Use spotting websites to see what countries are on, and what frequency they're on. My favorite is DX Summit: http://www.dxsummit.fi/#/
- 3) On the right side of the DX Summit page, you can also see the current propagation report that will tell you at-aglance as to what shape the bands are in, along with the A, K, and SFI indexes. (For an explanation on solar indexes, click here then scroll down, click the June 2025 Signal issue and see the article on page 33.)
- 4) Use DX information websites that will alert you on when important DXpeditions to RARE countries are coming up, then watch for those DXpeditions to appear on DX Summit (Tip #2). Some very good websites are NG3K Announced DX Operations: <a href="https://ng3k.com/Misc/adxo.html">https://ng3k.com/Misc/adxo.html</a>, DX World: <a href="https://dxnews.com/">https://dxnews.com/</a>.
- 5) Learn about GREYLINING (See BVRC website Signal Archives, May 2022 issue, page 19.)
- 6) Be prepared and willing to operate any time, day, week, time of year, and bands.
- 7) Be prepared and willing to have "Butt-In-Seat", even during demanding hours in the daytime or middle of the night. (Important DX events happen 24/7!)
- 8) Learn your bands: When they're "in", when they're not, what parts of the world are coming in at different times of the day for each band, and what time of day at your location is propagation best for each band (greyline, low noise levels, good sunspot cycles, etc.)
- 9) Learn your transceiver, especially how to operate important items such as band, mode, filtering, split operation, etc.
- 10) Learn your digital mode software and how to operate it.

Now, do not approach these tips as mundane or a "chore". They are fun and will add to your enjoyment of working on your DXCC award.

Second, if you decide you want to get started in DXing and pursuing your DXCC award and endorsements, besides the above tips, you'll need a good logging program, a PC (for a home



station, a desktop with separate monitor, keyboard, and mouse will work better for you than a laptop), digital software to operate digital modes (most popular is FT8), and other items such as a good HF transceiver preferably (but not necessarily) not more than 10 years old, and a good antenna (many choices).

If you need help with any of these items, fill-out the Elmer 911 form on the BVRC website and one of our DX Elmer/Mentor members will get back to you.





This month we once again travel to the south Pacific to a "mostly unknown to most people" entity – Tokelau (Toe'-kuh-lao). Tokelau (meaning "north wind", known previously as the Union Islands, and, until 1976, known officially as the Tokelau Islands), is a dependent territory of New Zealand in the southern Pacific Ocean. It consists of three tropical coral atolls: Atafu, Nukunonu, and Fakaofo. Tokelau has a population of approximately 1,500 people. It has the fourth-smallest population of any sovereign state or dependency in the world. As of the 2016 census, around 45% of its residents had been born overseas, mostly in Samoa or New Zealand. Approximately 94% of the population speak Tokelauan as their first language. Tokelau has the smallest economy of any nation.

Probably the most unique feature about this small island nation is that it is a leader in renewable energy, being the first 100% solar-powered nation in the world.



Location of Tokelau

The first European to sight Atafu was British Navy officer Commodore John Byron, on June 24, 1765. He called the island Duke of York's Island. Parties from his expedition who landed ashore reported that there were no signs of current or previous inhabitants.

Captain Edward Edwards, having learned of Byron's discovery, visited Atafu on June 6, 1791, in search of the Bounty mutineers. They found no inhabitants but saw that there were houses containing canoes and fishing gear, which suggested to them that the island was being used as a temporary residence by fishing parties from other, nearby islands. On June 12, 1791, Edwards sailed farther south, and sighted Nukunonu, naming it Duke of Clarence's Island. A landing party that went ashore was unable to make contact with the inhabitants, but saw "morais", burying places, and canoes with "stages in their middle" sailing across the island's lagoons.

On October 29, 1825, August R. Strong of the USS Dolphin and his crew arrived at the atoll Nukunonu. He wrote: "Upon examination, we found they had removed all the women and children from the settlement, which was quite small, and put them in canoes lying off a rock in the lagoon. They would frequently come near the shore, but when we approached, they would pull off with great noise and precipitation."

Europeans began fraternizing the natives with missionaries preaching Christianity from 1845 to the 1870s.







The head of state is Charles III, the King in Right of New Zealand, who also reigns over the other British Commonwealth realms. The King is represented in the territory by the Administrator. The current head of government (in Tokelauan: Ulu-o-Tokelau) presides over the Council for the Ongoing Government of Tokelau, which functions as a cabinet.



The square in the center of the village of Fakaofo

Tropical Cyclone Percy struck and severely damaged Tokelau in late February and early March 2005. Forecasters underestimated the cyclone's strength and the length of time it would be in vicinity to Tokelau.

The goal of 100% renewable electricity was met on November 7, 2012, according to the Foreign Affairs Minister of New Zealand, Murray McCully. Previously, electricity was generated using diesel generators and was only available for about 16 hours a day.



Three solar power stations with a total generation capacity of 930kWp were installed to provide 100% of current electrical demand from photovoltaics, with lead acid battery backup able to store around 8MWh. The first power station was completed in August 2012. In total, 4,032 solar panels are used and 1,344 batteries weighing 550 pounds each. The systems are designed to withstand winds of 143 mph. By 2011, Tokelau's electricity was 93% generated by photovoltaics, with the remainder generated from coconut oil.

When it comes to amateur radio operation, Tokelau is fairly rare. As of present, there are only 21 hams in residence there, but none of them are very active. This has caused Tokelau to currently rank #42 on Club Log's Most Wanted List. Due to this issue, the only way to add ZK3 to your confirmed countries list in the past 20 years or so, was for a DXpedition to activate it.

To my best research, there have been two DXpeditions to the islands: ZK3RE in 2007 and ZK3A in 2019.



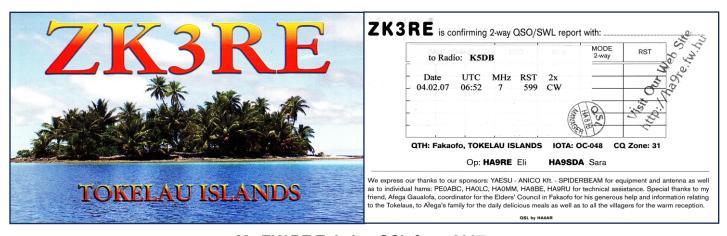
A Hungarian husband/wife team constituted the February 3-22, 2007 activation with Eli-HA9RE and Sara-HA9SDA. I attempted to find some statistics for that operation, but it appears it was too long ago to acquire those #'s anywhere on the internet. The only information I could gather was that they operated all bands and made a special effort on 160-meters.

The ZK3A operation of October 2019 was led by a multi-national group led by Roman-URØMC and Alex-UT5UY. They operated all modes: CW, SSB, RTTY, FT8, 6-meter EME, and SSTV. Their efforts yielded 56,200 QSOs. The team reported significant challenges including strong gale force winds and thunderstorms and lost three amplifiers during the operation. (A gallant effort and operation.)

A new ZK3 DXpedition was scheduled to operate in June 2025, with the call sign ZK3ZK. However, that date has come and gone with no reports on any of the DX websites or outlets of the team being there or on the air (no spots on the DX spotting websites). It has yet to be stated what happened. Hopefully, it will be reported in the future what the issue was that caused the DXpedition to "evaporate".

In the meantime, keep watching the outlets and bulletins for the next Tokelau DXpedition, hopefully soon. I've only worked the entity once during the 2007 operation, when I got them on 40-meters CW, so I'm looking forward to whenever the next opportunity arises to add some band counters.

Until next time, have fun and go work 'em!



My ZK3RE Tokelau QSL from 2007

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