



# The Centurion



## The 3905 Century Club Monthly Newsletter

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### Welcome!

Hello again, and welcome to the January, 2023 issue of the 3905 Century Club Centurion Newsletter.

The Centurion staff wishes everyone a great 2023!



U.S Postage prices are increasing on January 22, 2023. See the summary of the increases on page 13.

We are always looking for article ideas and contributions. As Kirk AA1NA would say—"The Centurion would not be the same without your articles"!

Please send articles or suggestion for articles to:

**[k7qhu@outlook.com](mailto:k7qhu@outlook.com)**.



Voting in the 3905 Century Club's 2023 Elections have commenced! Please don't forget to cast your vote via the club's website.



It's never too early to start planning for the Annual Orlando HamCation! HamCation 2023 will be held at the Central Florida Fairgrounds and Expo Park, February 10th - 12th 2023. For more information check out the HamCation website at [HamCation](http://HamCation.com).



## 2023 Election Candidates

The January 2023 Club Elections for Odd-Numbered Area Directors, the DX Area Director, and the Club Vice President is fast approaching. The Club's Directors are the caretakers of the Club's Constitution and By-Laws. At the monthly Board Meetings, each Director acts as the voice of the members who reside in their area.

Here is the slate of Odd-Numbered & DX Area Director & Vice President candidates for the 2023 Regular Election:

1st Area Director - no candidate

3rd Area Director - Keon Hayes, KE3HAY

5th Area Director - Clay Mayrose, WA6LBU

7th Area Director - Ron Seese, WB7ASC

9th Area Director - Rog Callewaert, W9ROG

DX Area Director - Craig McLoughlin, VE3CMB

Vice President - Robert (Bob) G. Hall, KI7PM

Vice President—Kirk D. Frazier, AA1NA

As there was no nominee for the 1st Area Director, a Special Election will be held. Details on the Special Election will be announced.

Information on the Regular Election 2023 and Special Election 2023 are on the club website, [www.3905ccn.org](http://www.3905ccn.org).

Virgil, W9WWG

Kirk, AA1NA

Election Monitors 2023

3905 CCN



# Dean's Column

## Notes from the President

By Dean Davis, N7XG



**W**ith a new year there are new opportunities and our club never has a shortage of opportunities. One that I would like to share with the club is how we are going to rebuild the DX QSL Bureau.

Shortly after the passage of WB5FDP I was contacted by his son, who offered to help us with the transition. It was at this point that I had a meeting with several board members and approached Dave (AI4K) and Debbie (K9DBB) who offered to take on the DX QSL Bureau duties. After several meetings and calls we put together an informal plan of how it might happen. Then came the holidays and we decided to put it off until this month.

At a very high level the current activities include 1) updating the website with an overview on how the new DX bureau will function including procedures on how to use the bureau; 2) getting connected and taking a trip to Little Rock to retrieve that materials that Rick had collected (this will include the cash slush fund, envelopes, etc); 3) the final plan for reopening the bureau. Our soft target date is February but this could change a bit. **In the mean while you can start sending your DX cards to Debbie & Dave at the following address: Dave Yarbrough, 92 Elizabeth Dr, Atoka, TN 38004.** I have also instructed our NCS stations to continue recording DX contacts on all nets and sending them to Dave at this email address: [dxbureau@3905ccn.org](mailto:dxbureau@3905ccn.org). These logs will become vital for creating Century Club Courtesy cards.

As with every January, it is time to VOTE! Voting this year is for directors that live in odd call areas (1, 3, 5, 7, 9, and DX) and the Vice President. Voting is easy: 1) log into the clubs website; 2) Under the top menu Club Information select Elections, then Vote Online; 3) after that the voting system will help you vote. It takes less than 30 seconds to login and vote. The bad news about voting is that you WILL NOT get a nice sticker or button that tells everyone you voted.

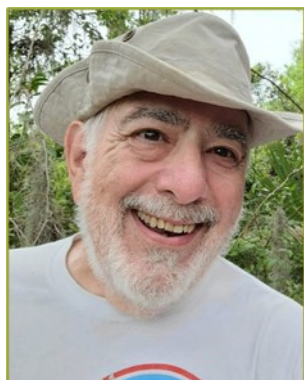
And finally my personal goal for 2023 is to get more new masters. During the past 5 years we have only had 3 new masters. It seems like the contacts that are needed are Alaska, Hawaii, and 75m DX, pretty much what I call if getting contacts that are at least 5,000 miles away.

And with this I wish everyone a happy and safe new year.

# BEN'S COLUMN

## Notes from the Awards Secretary

By [Ben Goldfarb](#), AE4NT



### State of the Awards Program, 2022

Into my eighth year as your Awards Secretary, I am happy to report that our awards system is stronger than ever. In 2022, we produced 586 awards plus 137 Baker's Dozen Certificates of Appreciation, for a total of 723 certificates. We gained 34 new members in 2022.

This column presents statistics recapping the year in awards, including highlights of our fellow members' outstanding accomplishments during the year.

An asterisk (\*) following a listed call sign denotes a Master's Degree holder, all of whom deserve our continuing admiration for their lofty achievement.

### First and Last Awards

Just like New Year's babies, we keep track of who arrived first. I think the last award of the year also deserves mention. Here are 2022's first and last.

**First:** John Phillips, WNØP, 100-Point #108, 20M PSK.

**Last:** Justin B. Cokes, Sr., KQ4CIA, 100-Point #3216, 75M SSB.

### Certificate Types

Certificate Type	Count
Paper	393
PDF	241
Paper + PDF	49
None	40

### Awards by Area

(Excludes Bakers Dozen COAs)

Area	Count
DX	14
1	34
2	23
3	2

4	229
5	93
6	16
7	29
8	15
9	23
10	108

### Overall Top Award Achievers

Here's a list of our top ten awards earners of the year, by number of awards. We boiled out Baker's Dozen Certificates of Appreciation, as we'll recognize those separately. In descending order of number of awards earned:

Name	Call Sign	Awards
Mark Eberle	KIØY	49
Jeff McCulloch	K4JEL	23
Dave Yarbrough	AI4K	23
Debbie Yarbrough	K9DBB	22
Chuck Ammons	N5WGA	21
John Reisenauer	KL7JR	18
Frank Taylor	AAØZP*	18
Steve Saposnik	KB2ENF	17
Robert Payne	N5KUC	17
Glenn Silver	KM4P	16

Congratulations to all you overachievers!

## 45<sup>th</sup> Anniversary Awards

The 45<sup>th</sup> Anniversary Awards were introduced on the anniversary date of our founding in February. This new award has proven itself to be a popular spur to net activity. Its contact period extends through February 6, 2023, so there's still time to earn one of the two awards.

Thus far, we have issued twenty of the Basic awards and ten top-tier awards, 45<sup>th</sup> Anniversary with Oak Leaf Clusters. Overachievers earning the advanced award are (in order of the date of their achievement): **KI4WCQ\***, **NØPUI\***, **K7QHU**, **AG5T**, **KIØY**, **AA1NA\***, **WAØROH\***, **W4RHB**, **W6PNY**, and **N8BF**. Congratulations to all who have participated in this program and kudos to the Oak Leaves!

## Major Progressive Awards

Progressive awards are at the heart of our awards system, a measure of commitment and net presence. Two-thousand-point awards are required on primary and secondary bands as one pre-requisite for the Master's Degree, our highest honor. In this section, we recognize those who earned level 1000 and greater during the year, and also level 500 or greater for digital and CW operations and top band.

### 3000 Points

**Steve Davis, K7QHU, 75M SSB**

### 2000 Points

**Mac McCracken, W6PNY, 40M SSB**

**Glenn Silver, KM4P, 40M SSB**

**Jeff McCulloch, K4JEL, 40M SSB**

### 1000 Points

**Paul Miller, KD4GUB, 40M SSB**

**Glenn Silver, KM4P, 40M SSB**

**Mac McCracken, W6PNY, 40M SSB**

**Mark Humenyk, VE3HMK, 40M SSB**

## 500 Points

**Rog Callewaert, W9ROG, 160M SSB**

## All-Time First Awards

Only two all-time first certificates were issued during the past year. The recipients were:

**Jay Wieland, NØPUI\*, 45<sup>th</sup> Anniv. Basic**  
**Johnny Allen, KI4WCQ\*, 45<sup>th</sup> Anniv. with Oak Leaf Clusters**

## WAS Awards

The Club offers several flavors of WAS Awards. We'll list General WAS Awards first, then we'll list the variants.

### WAS General

Work all 50 states on a single band/mode.

**David Feeney, WN1F\*, 20M SSB**

**Mark Eberle, KIØY, 40M SSB**

**Glenn Silver, KM4P, 40M SSB**

**Paul Miller, KD4GUB, 40M SSB**

**Robert Payne, N5KUC, 40M SSB**

### WAS 2-Letter Calls

Work all 50 states using only 1x2, 2x2, and 2x1 call signs.

**Roger Callewaert, W9ROG, 40M SSB**

**Mark Eberle, KIØY, 40M SSB**

**Robert Payne, N5KUC, 40M SSB**

### WAS All Nets (Intermediate)

This is a difficult award, combining WAS with operation on all our bands/modes.

**Mark Eberle, KIØY**

### WAS Capitals

Work at least 35 distinct state capitals.

**Roger Callewaert, W9ROG, 75M SSB, 35**

**Wayne Harris, WY6N, 40M SSB, 35**

**Glenn Silver, KM4P, 40M SSB, 35**

### WAS in Order

A very difficult award, requiring patience, persistence, and presence (the 3 Ps of awards nets – I just made that up), this one requires



that you make contacts with all fifty U.S. states in the order of their admission to the Union. It has been earned only six times since its inception in 2012, five times on 40M SSB and once on 75M SSB.

**Steve Davis, K7QHU, 40M SSB**

### WAS YL

Work YLs in at least 35 distinct states. Required on primary band for the Master's Degree.

**Glenn Silver, KM4P, 40M SSB, Level 35**

**Byron Fiedler, N8BF, 75M SSB, Level 35**

**Kirk Frazier, AA1NA\*, 75M SSB, Level 35**

### Worked All Century Club Nets

This is a difficult award, requiring not only a 100-Point Award on each of the Club's nets at the time the award is earned, but also proof of five contacts with other 100-Point Awardees on each net.

**John Phillips, WNØP**

**Rob Lunsford, KB8UEY**

**Craig McLoughlin, VE3CMB\***

### Mobile/Portable Awards

#### Clint Wise Awards

This award requires making mobile or portable contacts from at least twenty states. At Level 48 and higher, the Club provides a free commemorative plaque.

#### Mobile

**Clay Statmore, WA2JIM, 40M SSB, 48**

**Fred Caswell, K1UU\*, 40M SSB, 40**

**Fred Caswell, K1UU\*, 75M SSB, 40**

**John Reisenauer, KL7JR, 40M SSB, 30**

**Kirk Frazier, AA1NA\*, 75M SSB, 20**

**Kirk Frazier, AA1NA\*, 40M SSB, 20**

#### Portable

**John Reisenauer, KL7JR, 40M SSB, 20**

### Top Ten Baker's Dozen CoAs

This category reflects who earned the most CoAs for their mobile/portable operation during the year, and their direct influence on Baker's Dozen Awards earned by others. Thanks to all our road warriors for all the contacts from far and wide!

Name	Call Sign	CoAs
<b>Fred Caswell</b>	K1UU*	58
<b>John Reisenauer</b>	KL7JR	24
<b>Mike Rush</b>	KU1V	17
<b>Kirk Frazier</b>	AA1NA*	13
<b>Ben Goldfarb</b>	AE4NT	5
<b>Bill Dobson</b>	N3WD*	3
<b>Steve Panattoni</b>	N6RSH	2
<b>Clay Statmore</b>	WA2JIM	2
<b>Roger Callewaert</b>	W9ROG	2
Several tied with 1 each		

### Nomad Awards

#### 75 Meters SSB

**Johnny Allen, KI4WCQ\*, Level 100**

#### 40 Meters SSB

**Robert Payne, N5KUC, Level 400**

**Paul Miller, KD4GUB, Level 300**

**Debbie Yarbrough, K9DBB, Level 100**

**David Yarbrough, AI4K, Level 100**

**Johnny Allen, KI4WCQ\*, Level 100**

**Paul Lourd, W1IP, Level 100**

**Mark Eberle, KIØY, Level 100**

**Michael Eberle, KIØHA, Level 100**

**Dave Johnson, N5MNO, Level 100**

**Jeff Davis, KC2DAQ, Level 100**

### National Parks Ranger Awards

Members who earned awards for their operation in National Parks in the U.S. and Canada during the year (highest level achieved shown).

**Mike Rush, KU1V, Level 40**

**John Reisenauer, KL7JR, Level 30**

**Art Broome, KK2M\*, Level 10**

## DX Awards

Sadly, no DX Awards were issued during the year. We know that several members are working on the 75-Meter DX Award as their final hurdle before applying for the Master's Degree. Good luck and Good DX in the New Year!

## Baker's Dozen Dozen Awards

No, that's not one of my famous typos. While our Baker's Dozen Award is among the most issued award, the Baker's Dozen Dozen, which you can apply for after earning thirteen Baker's Dozens, is a rare recognition of achievements working mobile or portable stations. This year, we issued three:

**Frank Taylor, AAØZP\***  
**Roger Callewaert, W9ROG**  
**Jeff McCulloch, K4JEL**

## NCS Awards

Our NCSs are our life blood. Without them running the nets, we wouldn't exist. Our NCS Awards recognize levels of achievement by number of nets run:

### Summa Cum Laude (3,000 points – 750 nets)

**Kirk Frazier, AA1NA\***  
**Gary Slagle, K9GWS**

### Magna Cum Laude (1,500 points – 375 nets)

**Mike Poyser, KR9G (SK)**  
**Jeff McCulloch, K4JEL**

### Cum Laude (800 points – 200 nets)

**Marty Blaise, AG5T**  
**Steve Davis, K7QHU**

### Expert (300 Points – 75 nets)

**Dick Powell, WK1J**  
**Katie Gilliam, K4TER**  
**Bill Hildebrand, N9BFI**

## Journeyman (200 Points – 50 nets)

**Matt Taylor, K2YS**  
**Dick Powell, WK1J**  
**Bill Hildebrand, N9BFI**  
**Gary Commer, AA4SZ**  
**Katie Gilliam, K4TER**

## Basic (100 Points – 25 nets)

**Katie Gilliam, K4TER**  
**Matt Taylor, K2YS**  
**Paul Lourd, W1IP**

## Old-Timers

The Awards Committee developed an award to recognize members in good standing of thirty years or more. This year, we added the following Old Timers:

**Robert Waldo, Jr., NA1O**  
**Chuck Moss, KK4TE**  
**Ralph Mitchell, KG8WL\***  
**Jacob Derenne, W9BLI**  
**Rex Symonds, KB8ESY**  
**Donald Roland, VE1AOE**  
**Art Broome, KK2M\***  
**Roy Acuff, K5WSC (OCS)**  
**Robert Crossette, WB1DSJ**  
**Paul Kieffer, K4PVK**  
**John Milner, W9BUM\***  
**Jim Cummins, KL7IYD**  
**Joseph Graif, K4JNG**  
**Mary Lou Denham-Burwell, WQ7V**

Space does not permit listing each of the awards earned during the year, so we have presented only highlights. We wish to give a big shout-out to all the awards earners of 2022 and wish you all a happy, healthy, and productive 2023!

*Next month, I'll get back to writing about awards related topics, along with some obligatory editorial comments. In the meantime, stay well!*

## A Feel Good Story

By John Phillips, WN0P

**D**ecember 21, 2022 I was home in South Dakota. The weather is cold and nasty with a blizzard on the way, so I decided to read the Dec/Jan issue of the AARP magazine. I read the magazine page by page until I got to the article by Dale Sanders who paddled down the mighty Mississippi river, from start to finish. Ending up at the gulf. And he did it twice. A good article. I call it a feel good story.

Well I am a curious guy and wondered where is the start of the mighty river. So I go to the computer, find google maps and trace back to the start of the Mississippi. It goes north of Minneapolis up thru St. Cloud, Grand Rapids, then west to Bemidji MN. It then goes a little south to the headwaters of the Mississippi. A place called the Itasca State Park, MN.

While looking at the map I saw a link to a live web cam. I pulled up the web cam and saw the headwaters. Its a snow covered lake and you could see running water starting its journey downstream. I was admiring the winter landscape and something caught my eye. I thought I saw something move out in the frozen lake. Daylight was slowly fading and I wondered what is that moving in the lake. Then I saw it again and figured out it was a deer that fell through the ice and wasn't able to get out of the icy water. It would try to get out and slip back into the water. The outcome did not look good and I am probably the only person in the world watching this.

I felt I had to try to get help for the animal. A quick search and found a phone number for a sheriff's office somewhere in MN. Called and explained the situation and was given another number to call. It was a different sheriff's department that was closer to the park. Now my phone gave me a warning ( batteries are critical ). I called the second number and the sheriff said she would transfer me to the other side of the lake. Talked to another deputy and told him what was going on. He paused and said he would pass it on to the park people. I hang up and watch the live feed from the web cam. Will anyone come to help that deer or will things go downhill?

Daylight is now fading fast and its starting to snow. I see the deer try a few more times to escape the water but each time it slips back into the water. All I can do is watch and hope. After 20 minutes or so I saw some headlights light up the area. It was a hum vee with four park employees in it. They were all bundled up and had lights. They saw the deer right away. Two of them circled around through the woods to get closer to the deer. I could not see what was going on. But found out later they had some rope and lassoed the deer and were able to pull it out of the water and to safety. I can only guess that the deer is ok and running around somewhere in Minnesota.

Life is strange sometimes, the way things work out. Good job to the Itasca state park employees. They went out in cold temps late in the day to save that deer. Thanks to the AARP and to Dale Sanders. And that's my feel good story !!

John Phillips, WN0P



Below is the latest update on Yukon John's planned trip for this spring. It looks like it is shaping up to be another epic journey for John! Stay tuned for updates as spring approaches.

## GOT KL7, VY1 and VE8???


**P**lanning continues for my best **NORTH** trip ever. As a minimum, I repeat MINIMUM, I plan to operate on the Hyder, Alaska/Stewart, BC border, then Upper Liard, Yukon/ BC border, then Ft. Liard, NT/ BC border. If conditions are good, I'll head west on the Alcan Highway (after Upper Liard) for Whitehorse, Kluane National Park and south to Anchorage for several Alaska National Parks. I'll do Ft. Liard on the trip home. I've travelled this route three times to date and know what to expect.

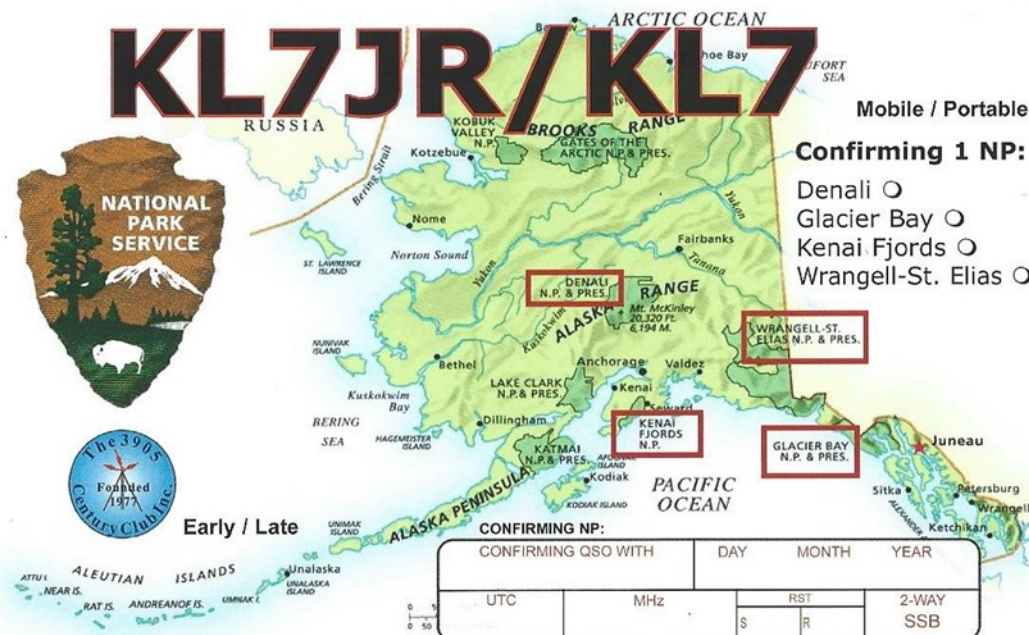


Many new club calls will be used. More detailed info to follow as plans develop further. I'll depart SC early April for 4 Corners (emphasis on 75 and 20m), a couple of National Parks in CA then head north to Hyder.

73 de Yukon John KL7JR

# KL7JR/KL7



Mobile / Portable

**Confirming 1 NP:**

- Denali ○
- Glacier Bay ○
- Kenai Fjords ○
- Wrangell-St. Elias ○

**CONFIRMING NP:**

CONFIRMING QSO WITH		DAY	MONTH	YEAR
UTC	MHz	RST	2-WAY	
		S R	SSB	

# First-Class USPS Stamp Prices Will Increase in January 2023

The United States Post Office (USPS) recently announced upcoming postage rate increases that will happen in the new year. If you send First-Class mail, like letters and postcards, even occasionally, you'll want to know what to expect so your mail makes it to its destination. According to USPS, these increases will help combat rising operational costs. The most recent First-Class mail price increase happened on July 10, 2022. Soon, prices will rise again. Price increases range from \$0.03 to \$0.05, depending on the product. The price increases will begin on Jan. 22, 2023.

PRODUCT	CURRENT	NEW PRICE AS OF JAN. 22, 2023
Letters (1 oz.)	\$0.60	\$0.63
Letters (metered, 1 oz.)	\$0.57	\$0.60
Domestic postcards	\$0.44	\$0.48
International postcards	\$1.40	\$1.45
International letters (1 oz.)	\$.140	\$1.45



Post Office next-gen delivery vehicles (NGDV) from manufacturer Oshkosh Defense.

## **KL7JR HUSTLER 4BTV 12 AND 17 METER MODIFICATION**

**Hustler 4BTV on 12 and 17 Meters Plus 40, 20, 15 and 10 Meters!  
6 Bands on the 4BTV!  
by John Reisenauer, KL7JR**

It is easy to convert some commercially made verticals to work on the WARC bands. I sometimes take my 4BTV on portable outings but miss not getting to work the WARC bands. Not anymore!



**Finished "mod" showing 12 and 17 Meter add on verticals**

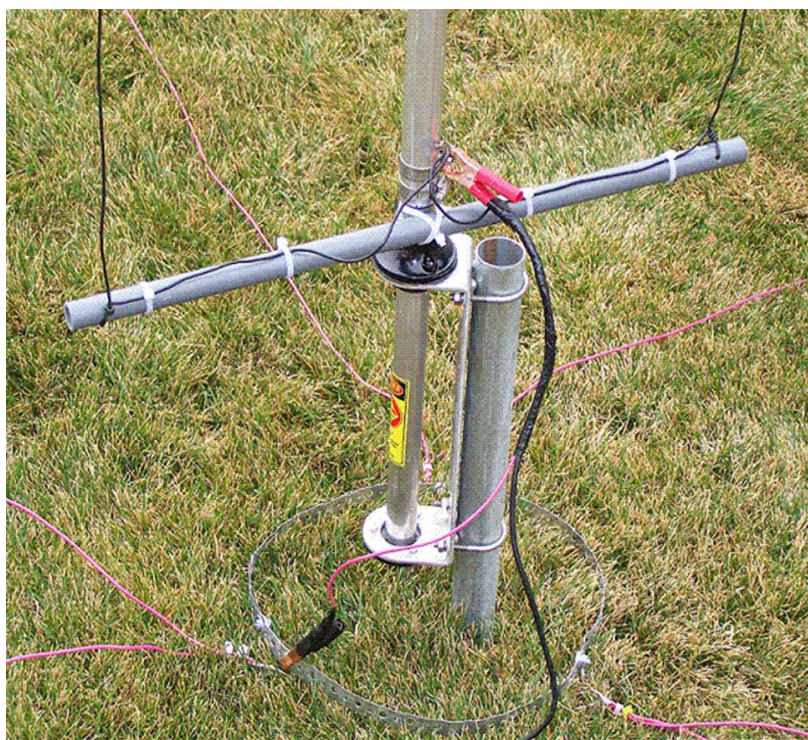
For my mod, I used scrap 1/2 inch plastic electrical conduit to support the vertical wires (the white PVC pipe or other non-conductive material also works), 2 lengths at



2 foot long each, some #14 wire, (see lengths below), a handful of cable tie-raps, something non-conductive for insulators, (I used scrap plastic tubing), and a 1-1/2 inch hose clamp and some string to tie the insulators to the plastic supports. See additional pictures below:

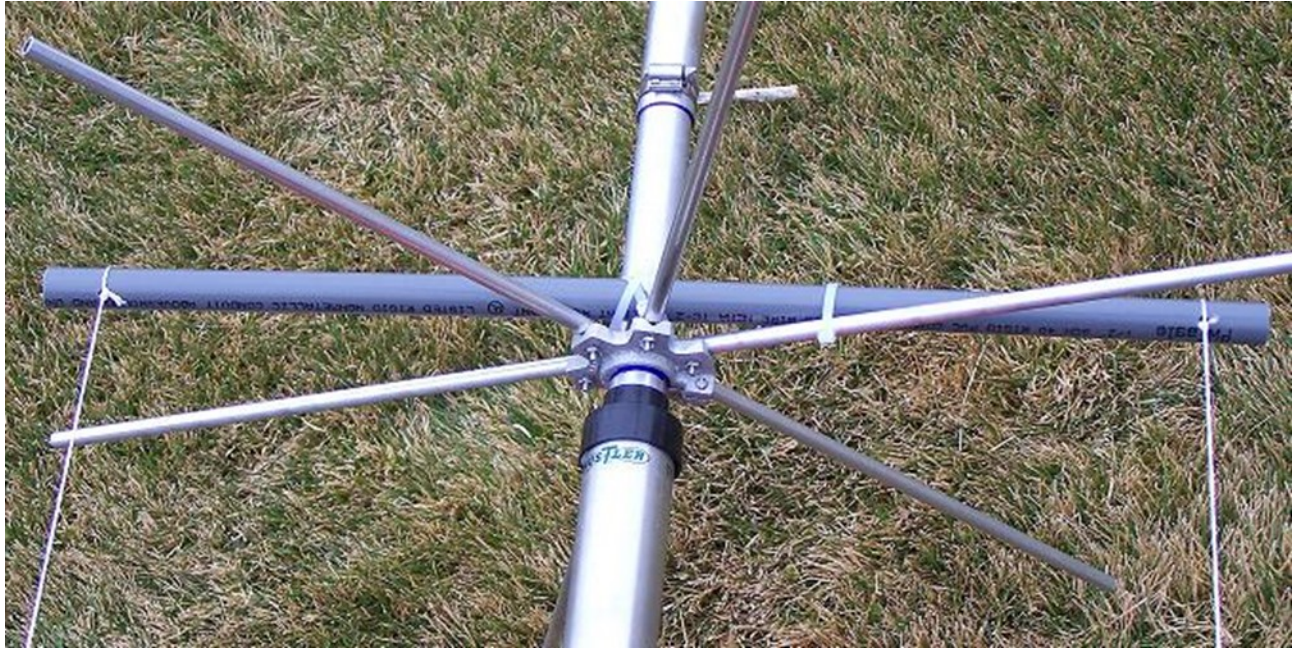


Connect both vertical wires and the center conductor of your coax feed line with a hose clamp (for my portable use I used battery clamps to attach the coax) at the base of the commercially made vertical antenna. Even though some commercially made verticals can be used "stake mounted" without ground radials, I put down ground radials and tie to coax shield whenever I can. For a more permanent mounting, I'd use bolt on connectors over the battery clamps.



**Bottom showing PVC cross arm support with 12 and 17 meter vertical wires attached and connections to radial ring.**





**"Top Hat" assembly with cross arm showing support attachments for verticals.**

The formula for cutting the wire length is the old standby:

**234 / Freq mhz = length in feet.**

I used 13 feet for 17 meters and 9 feet 5 inches for 12 meters.

If you're a perfectionist you may have to tune and prune your lengths for best performance!

My Z-100 tuner and TS-50 transceiver easily tuned both wires! In a few hours of operating on my first test outing (fair band conditions) I worked Canada and Mexico plus about a dozen states on each band.

It's amazing what you can do with a piece of wire and a little time.

73, es GL with your antenna experimenting!

Yukon John, KL7JR



## December 2022 Club Events

**Note: Regular Board Meetings are always held on the second Saturday of each month, local time at 9PM Eastern, 8PM Central, 7PM Mountain, 6PM Pacific.**

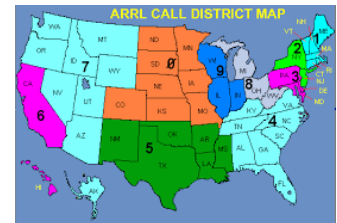
- 3905CCN Board Meeting: Saturday, January 14, 2023



**Weekly Zoom Meeting on Wednesdays at 01:30pm Pacific Time. Check your email for the Zoom log-in information.**



## Road Trips!



**No road trips were submitted for the month of December**

## CLASSIFIED ADS

This section is for members who would like to sell, swap, or purchase ham gear. If you would like to list your equipment here, please send the information to [k7qhu@outlook.com](mailto:k7qhu@outlook.com). The deadline for ads is the 30th of the month.



**No Member Classified Ads Were Submitted For This Issue**

## Fun Facts About Our Nets In November

Did you know we had **631 unique U.S. Stations** that checked into our nets during the month of December 2022. Check to see if you made the list!

AA0HF	K3USS	KA0BMX	KC3FSA	KE5OKQ	KI5UPP	KN4SFM	N2NCL	NO2CC	W7DFS	WD9DWD
AA0ZP	K3YMI	KA0MEK	KC3HIL	KE5UEJ	KI5UXC	KN4UXO	N2OWE	NO9G	W7DJ	WD9DWT
AA1AL	K4CCN	KA0RTM	KC3IBH	KE7GGP	KI5UYM	KN4YYB	N2PYH	NT5CN	W7PML	WE0FUN
AA1IA	K4EKC	KA1FLH	KC3ONU	KE7PLM	KI5UZV	KN5Z	N2QCU	VE6YPY	W7RDB	WE3O
AA1NA	K4GCD	KA1ULN	KC3QGE	KE7RG	KI5VKI	KN6IQ	N2QIL	VE8AU	W7RNK	WE4FUN
AA1NZ	K4JEL	KA2YDS	KC3QYE	KE8GC	KI5VPF	KO4BWJ	N2XTT	VE8RST	W7SCD	WF0M
AA1PB	K4JNG	KA2YEG	KC3RID	KE8HBY	KI5WED	KO4DHA	N3BGI	VY0RST	W7SJ	WF4H
AA2SD	K4KCP	KA3UFV	KC3SAC	KE8IME	KI5YKG	KO4ELL	N3HWH	W0FLZ	W8BI	WF4ROG
AA3JF	K4LO	KA5RAB	KC3TIU	KE8JKP	KI5YOV	KO4FEK	N4CRG	W0JKT	W8DDS	WG0I
AA5EX	K4NGR	KA5VZE	KC5DCF	KE8KKJ	KI5YRJ	KO4FUD	N4DLT	W0PZ	W8GED	WI1G
AB0DK	K4PVK	KA8PGW	KC5GKM	KE8LGC	KI6BZP	KO4JBA	N4JTE	W0RST	W8JCS	WI7LEE
AB0H	K4RWS	KA9OUT	KC5IVT	KE8RQR	KI6DTC	KO4KQK	N4YDQ	W0WDX	W8KL	WI8W
AB3TW	K4SHA	KA9TBU	KC5PLZ	KE8RRG	KI6WDY	KO4LRJ	N4ZUN	W1CBK	W8LUE	WK1J
AB3VK	K4TER	KA9YNX	KC5TMF	KE8RYW	KI7GRZ	KO4MEX	N5ASH	W1DRS	W8NET	WN0P
AB5SJ	K4TPH	KA9ZHY	KC6ART	KE8TPJ	KI7PM	KO4ODY	N5DY	W1DRV	W9AT	WN1F
AB8YZ	K4VHE	KB0BK	KC6UFE	KE8UWD	KJ4OFD	KO4OWB	N5EKC	W1GUU	W9BLI	WN8SCI
AC1OC	K4XRC	KB0EL	KC7MP	KE8VEZ	KJ4RM	KO4SGN	N5GPI	W1IP	W9CCQ	WQ4X
AC2MT	K4ZXX	KB1GWO	KC7UOP	KE8VSK	KJ4UL	KO4SOW	N5IPU	W1LJD	W9LR	WQ7V
AC7RA	K5AVL	KB1ORB	KC8HMJ	KF0ARL	KJ4ZWC	KO4TKS	N5JDT	W1T	W9ROG	WR8WM
AC9XN	K5ESJ	KB1PZS	KC9IWO	KF0ASO	KJ5HY	KO4VSI	N5KUC	W2AWW	W9TLW	WS2Q
AC9YX	K5GEB	KB1RVU	KC9JQN	KF0BFU	KJ6EEP	KO4VVH	N5MIG	W2DJG	W9VOP	WU2T
AD3AA	K5HAM	KB1XP	KC9VOF	KF0CWU	KJ7TKL	KO4WAJ	N5MNO	W2JLD	W9WWG	WU7A
AD5XD	K5MWA	KB2ADF	KC9YY	KF0EAO	KK0LD	KO4YIP	N5NVC	W2MM	WA0O	WV0U
AE0S	K5NIK	KB2ENF	KC9ZZU	KF0EAU	KK2M	KP2JR	N5NWS	W2QJ	WA0ROH	WV4TAC
AE4NT	K5PAR	KB2JKW	KD0MZL	KF0EML	KK4DCZ	KQ0EEE	N5OHL	W2RCH	WA1DD	WV8M
AE5QP	K5PN	KB2QZK	KD0WGB	KF0IJJ	KK4KSN	KQ4AAC	N5RNR	W2RSS	WA1ITU	WW0DB
AE5WT	K5PTG	KB2YNJ	KD2HEM	KF0KGY	KK4KYE	KQ4AHR	N5UTG	W2TI	WA1LNY	WW5DD
AE8RN	K5PYT	KB3LPE	KD2ODA	KF4YI	KK4NUX	KQ4AOC	N5WGA	W2WCM	WA2ASD	WX8CLE
AF2B	K5RFO	KB3PET	KD2THP	KF5DHY	KK4RAG	KQ4AXT	N5XJT	W2ZMZ	WA2BTC	WY0MNG
AF5WZ	K5TTD	KB3VXB	KD2VYP	KF5IOU	KK4RWD	KQ4BPZ	N6GC	W3AY	WA2VJL	WY6N
AF6MV	K5VG	KB3WAH	KD2VYZ	KF5PRT	KK4TE	KQ4CIA	N6WKZ	W3JP	WA3CUC	WZ9O
AG5ND	K5WEL	KB4JOY	KD2WDJ	KF5VMD	KK4VJK	KQ4DCT	N7CSB	W3MCE	WA3RSL	
AG5T	K5WRR	KB4TBF	KD2YJQ	KF7HNC	KK4YDR	KQ4EAQ	N7DBK	W4BOG	WA3TOY	
AG5Z	K6BRW	KB6DKK	KD2ZSA	KF7KLS	KK5XU	KQ4EFU	N7EXT	W4CBH	WA4BKL	
AI4JI	K6ODI	KB7BIB	KD3Y	KF8LO	KK7GBE	KQ4EOY	N7HRI	W4CCN	WA4BTC	
AI4K	K6SKI	KB7RAC	KD4EAQ	KG0KP	KL7CCN	KQ4FAC	N7KM	W4CPO	WA4FQZ	
AI5CD	K7BAC	KB8MDF	KD4GUB	KG0SI	KL7JR	KR0DS	N7LPG	W4CXT	WA4IAR	
AI5DN	K7CAN	KB8PRU	KD4TZW	KG4GTR	KL7OR	KR3LL	N7SYD	W4DRO	WA4IGL	
AI7GA	K7ICE	KB8UEY	KD5ZMM	KG4WDQ	KL7RST	KS1I	N7XG	W4KIK	WA4NID	
AI8O	K7IUQ	KB8UGP	KD7QBB	KG4ZOD	KL7WG	KU1V	N7ZS	W4LFK	WA5YNE	
AI8W	K7MKA	KB9BSK	KD8KOZ	KG5GOG	KM4AF	KU4C	N8BF	W4LWY	WA6LBU	
AK1NH	K7PTL	KB9LXM	KD8SAV	KG5RFQ	KM4DCQ	KU8RLY	N8FGK	W4RHB	WA6LJW	
AK4AT	K7QHU	KB9RPG	KD8SBM	KG5RJ	KM4KUW	KX4AA	N8PYA	W4SNT	WA6MRK	
K0GYG	K7RAN	KC0DVV	KD8SEO	KG5RVR	KM4OJK	KY4WVF	N8YYB	W4VGZ	WA7GIJ	
K0JDR	K7RCN	KC0MS	KD9ANS	KG5TLK	KM4P	N0D	N9BFI	W4VRM	WA7SFE	
K0JSC	K7TSW	KC0PCR	KD9HIG	KG8WL	KM4TJY	N0KLH	N9KIY	W5DLP	WA9DIY	
K0OKE	K7UTU	KC0RAM	KD9HPN	KG9PN	KM4UWM	N0LAP	N9PCF	W5DTL	WB2AFC	
K0SSD	K8EG	KC1DBR	KD9ISO	KI0HA	KM5FF	N0MOO	N9VDT	W5FZY	WB2LZM	
K1EDG	K8GIB	KC1FYF	KD9MGL	KI0Y	KM5MS	N0P	NA5H	W5HSV	WB2PDW	
K1TCP	K8ICE	KC1OHT	KD9MIL	KI4QMB	KM6YON	N0PMQ	NA7RG	W5MKC	WB2VKL	
K2LW	K8MSF	KC1OKO	KD9PDJ	KI4WCQ	KM8D	N0PUI	NA9LE	W5NA	WB3BAB	
K2SFS	K8OSF	KC1QIA	KD9QQU	KI5DQ	KN4CCY	N0TJD	NC1V	W5NF	WB5FDP	
K2SHN	K8SSN	KC1QQW	KD9SDX	KI5ITL	KN4CQB	N1ABY	NC8N	W5OCC	WB6AFL	
K2SPD	K9DBB	KC1RUM	KD9VOF	KI5NPM	KN4CZO	N1EV	NE0A	W5QZT	WB7PTC	
K2SPL	K9EA	KC1YL	KE0UDM	KI5NQC	KN4EIW	N1MRI	NF2Q	W5TTS	WB7TAR	
K2SST	K9GWS	KC2DAQ	KE1AF	KI5OKI	KN4GJV	N1PGF	NG8K	W5UOT	WB9EGG	
K2YS	K9KEV	KC2LXD	KE3UY	KI5RQG	KN4HUM	N1YNB	NI0A	W5WJN	WB9TQW	
K3CD	K9LQZ	KC2MJB	KE4HGP	KI5RXG	KN4JEE	N2FSH	NK4T	W5ZA	WC8I	
K3RJG	K9MOE	KC2MMY	KE4MLV	KI5SML	KN4LGM	N2KED	NN1D	W6LFB	WD0J	
K3TJK	K9OM	KC2OMG	KE5CNG	KI5TKD	KN4PIB	N2KWO	NN9T	W6PNY	WD5BGP	

Did you know we had 31 unique DX Stations that checked into our nets during the month of November. There were 20 Canadian DX stations and 11 Other DX stations. As for new stations, we had 269 unique new stations check into the nets in November.

## 20 CANADIAN DX STATIONS

K8ICE	VE3HMK	
VA3DPZ	VE3KJZ	
VA3FXR	VE3NYZ	
VA3SLJ	VE3PDL	
VA3YKT	VE3SIQ	
VA7KJL	VE3SIZ	
VA7PTK	VE3YWN	
VA7USD	VE4PN	
VE1LPB	VE5HAE	
VE3CMB	VO1OM	

## 11 OTHER DX STATIONS

6Y5TS	Jamaica	40m SSB L		WD9ISQ/HR9	Honduras	20m SSB
8P4VD	Barbados	40m SSB L				
8P5AA	Barbados	40m SSB L				
EA8DMF	Canary Isle	75m SSB L				
EI4IB	Ireland	20m SSB				
HP3EFS	Panama	75m SSB L				
J88TF	St. Vincent	20m SSB				
N0GJW	Jamaica	40m SSB L				
R4FBH	Russia	40m SSB L				
V44IR	St. Kitts	40m SSB L				

## 269 NEW STATIONS

AA1IA	K7RAN	KC7UOP	KF0ASO	KJ5HY	KQ4AOC	N9KIY	W8LUE	
AA5EX	K7UTU	KC9IWO	KF0CWU	KJ7TKL	KQ4AXT	NA5H	W9CCQ	
AB3TW	KA0RTM	KC9VOF	KF0EAU	KK4DCZ	KQ4BPZ	NA7RG	W9LR	
AB3VK	KA2YEG	KD0MZL	KF0EML	KK4KSN	KQ4DCT	NA9LE	WA1DD	
AC1OC	KA3UFV	KD2HEM	KF0IJ	KK4NUX	KQ4EAQ	NC1V	WA2ASD	
AE5QP	KA5RAB	KD2ODA	KF0KGY	KK4RWD	KQ4EFU	NF2Q	WA2VJL	
AE5WT	KA8PGW	KD2THP	KF5DHY	KK5XU	KQ4EOY	NN1D	WA3RSL	
AI5CD	KA9TBU	KD2VYP	KF5IOU	KK7GBE	KQ4FAC	NO9G	WA4IGL	
AI5DN	KA9YNX	KD2VYZ	KF5PRT	KM4OJK	KS1I	R4FBH	WA7GIJ	
AI7GA	KA9ZHY	KD2YJQ	KF5VMD	KM4UWM	KU4C	VA3SLJ	WB2PDW	
EI4IB	KB1GWO	KD3Y	KF7KLS	KM6YON	KX4AA	VA7KJL	WB2VKL	
K0GYG	KB1ORB	KD8KOZ	KF8LO	KN4CCY	N0GJW	VA7PTK	WB3BAB	
K0JDR	KB1PZS	KD8SBM	KG0KP	KN4CZO	N0KLH	W0PZ	WB6AFL	
K0SSD	KB2JKW	KD8SEO	KG4WDQ	KN4EIW	N0LAP	W0WDX	WB7TAR	
K2LW	KB2YNJ	KD9ANS	KG5RFQ	KN4HUM	N0MOO	W1CBK	WB9EGG	
K2SHN	KB4JOY	KD9ISO	KG5RVR	KN4JEE	N0TJD	W1GUU	WC8I	
K2SPL	KB8PRU	KD9MGL	KG5TLK	KN4SFM	N1MRI	W1LJD	WD5BGP	
K3RJG	KC0DVV	KD9MIL	KG9PN	KN4UXO	N1YNB	W2AWW	WD9DWT	
K3TJK	KC1FYF	KD9PDJ	KI5NPM	KN5Z	N2KED	W2RSS	WE3O	
K3USS	KC1OKO	KD9QQU	KI5NQC	KN6IQ	N2KWO	W3AY	WI1G	
K3YMI	KC1QQW	KD9VOF	KI5OKI	KO4ELL	N2NCL	W3MCE	WI7LEE	
K4EKC	KC1RUM	KE0UDM	KI5RXG	KO4FEK	N2PYH	W4LFK	WS2Q	
K4VHE	KC2MJB	KE4HGP	KI5SML	KO4JBA	N2QCU	W4LWY	WV4TAC	
K4XRC	KC2MMY	KE4MLV	KI5UXC	KO4KQK	N4CRG	W4VRM	WX8CLE	
K5AVL	KC2OMG	KE5CNG	KI5UYM	KO4LRJ	N4JTE	W5DLP		
K5ESJ	KC3FSA	KE5OKQ	KI5UZV	KO4MEX	N4ZUN	W5DTL		
K5HAM	KC3HIL	KE5UEJ	KI5VKI	KO4ODY	N5GPI	W5FZY		
K5MWA	KC3ONU	KE8IME	KI5VPF	KO4OWB	N5NWS	W5QZT		
K5NIK	KC3QGE	KE8JKP	KI5YKG	KO4SGN	N7DBK	W5TTS		
K5PTG	KC3RID	KE8KKJ	KI5YOV	KO4TKS	N7EXT	W6LFB		
K5PYT	KC5DCF	KE8RQR	KI5YRJ	KO4VVH	N7HRI	W7DFS		
K5TTD	KC5IVT	KE8TPJ	KI6BZP	KO4WAJ	N7KM	W7RDB		
K5WRR	KC6ART	KE8UWD	KI6WDY	KO4YIP	N7SYD	W7SJ		
K6SKI	KC6UFE	KE8VSK	KI7GRZ	KQ4AAC	N8PYA	W8GED		
K7CAN	KC7MP	KF0ARL	KJ4ZWC	KQ4AHR	N8YYB	W8KL		

## Unique Check-Ins By State and SSB Net

### December 2022

State	75M SSB EARLY	75M SSB LATE	40M SSB EARLY	40M SSB LATE	20M SSB	State	75M SSB EARLY	75M SSB LATE	40M SSB EARLY	40M SSB LATE	20M SSB
Alabama	2	1	7	0	5	Montana	1	0	0	0	2
Alaska	0	0	0	0	1	North Carolina	2	3	11	4	3
Arkansas	1	1	7	0	2	North Dakota	0	0	0	2	0
Arizona	1	0	6	2	3	Nebraska	0	0	3	0	0
California	1	1	8	3	2	New Hampshire	1	0	2	0	0
Colorado	1	2	3	2	1	New Jersey	0	1	6	0	2
Connecticut	1	1	8	1	4	New Mexico	1	0	4	0	0
Delaware	0	0	1	1	1	Nevada	1	2	2	0	0
Florida	0	3	20	10	7	New York	2	1	14	3	10
Georgia	0	0	6	1	4	Ohio	5	1	12	2	2
Hawaii	0	0	0	0	0	Oklahoma	3	0	8	0	1
Iowa	1	0	2	1	0	Oregon	2	1	5	1	3
Idaho	3	0	1	2	1	Pennsylvania	1	0	12	1	1
Illinois	1	1	2	1	3	Rhode Island	0	0	3	1	0
Indiana	2	1	13	0	5	South Carolina	3	4	6	0	3
Kansas	2	0	3	0	1	South Dakota	0	0	3	2	0
Kentucky	0	0	5	0	3	Tennessee	2	1	8	2	5
Louisiana	0	1	2	2	2	Texas	6	3	24	17	7
Massachusetts	0	0	3	1	1	Utah	2	0	1	0	0
Maryland	1	0	6	0	1	Virginia	4	1	15	1	2
Maine	0	1	1	0	0	Vermont	0	0	1	0	0
Michigan	0	3	9	1	5	Washington	2	1	1	0	2
Minnesota	0	1	3	2	3	Wisconsin	0	0	5	0	3
Missouri	1	3	9	0	2	West Virginia	0	1	7	1	0
Mississippi	2	2	4	1	1	Wyoming	0	1	1	2	0



## Exit with a Smile!



**My Novice Transmitter- K7QHU**



**My Novice Receiver- K7QHU**

