



# The Centurion



# A 3905 Century Club Monthly Newsletter

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# Welcome!

**Welcome to the October,  
2022 issue of the 3905  
Century Club Centurion  
Newsletter.**

Hurricane Ian paid an unwanted visit to Florida and the Carolina's. As far as I know, our members in the impacted areas only suffered minor damage. Unfortunately a lot of folks in Florida and some in the Carolina's suffered catastrophic damage. It will take weeks to sort things out and years to rebuild. Wish them Godspeed on their journey.

**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.**



## Split Operations

There is a lot of chatter on the reflectors about resurrecting split operations on our 75M and 40M SSB nets. Historically, working split on the late nets was almost common place, but in the recent years, not so much.

The club has put together a committee to bring split operations back to the nets. Please check out [Marty's article](#) in this issue of the Centurion. It is a good primer on what split operation is and why it is required to work some DX stations. Keep an eye on the Website and the Reflectors for updates on split operations, any practice sessions scheduled, and when the first net to operate split will be scheduled.

# Dean's Column

## Notes from the President

By Dean Davis, N7XG



**S**eptember was looking like it would be a good month until Ian decided to take a visit in Florida. I can't even imagine the hardship people are going through in picking up the pieces and lives. I took the time this past week to contact as many members as I could, and everyone so far reported "A OK". This list includes KI7PM, WF4H, AE4NT, and K7QHU. Now for the

distant future Floridians will start the rebuilding process.

On another note of not so good news and without going into much detail, Rick Mobley, WB5FDP is continuing his recovery from his illness, and I would like to ask everyone to put him into their prayers for a speedy recovery.

And now onto some good news. In September we gained 3 new members and rumor that there are at least 4 more people working on their first 100 point award. You will also notice that recently awards secretary has been banging out new awards. As of today, we have issued 586 awards which is the same number for all of 2021. Great job everyone and keep up to work.

Also starting this month, we have made a few changes to NCS procedures. The biggie was the change for combos as follows:

*If at any time during the net, a combo member contacts an individual station or an individual station contacts a combo member, the individual station is permitted at their discretion to work both members of that combo. This procedure is also applicable when a station goes "up for grabs", regardless of it being initiated or answered by an individual station or a combo member.*

Finally keep in mind that the club's elections are coming up. This year all club members will be able to vote for vice president, and odd numbered call areas 1, 3, 5, 7, 9, and DX. Information about our elections will be posted on the club's website, along with the reflectors.

73,

Dean



Widespread Damage in the Ft. Myers Area From Hurricane Ian

# Ben's Column

## Notes from the Awards Secretary

BY BEN GOLDFARB, AE4NT



Not much going on here.

OK, I lied about that. You can see the concerned look on my mugshot. Hurricane Ian slowly bulldozed through my area torturing us with sixteen inches of rain, thus creating rampant flooding but fortunately sparing me.

Less than a mile away from me, people were being rescued from their flooded homes. Roads are closed due to downed trees and rampant flooding all over the place. I am fortunate to have experienced only minor damage, I am high and dry, and I never lost power. My heart goes out to those in southwest Florida who have lost everything.

Enough hurricane talk. Let's talk awards.

## Viva Progressives!

I'm encouraged by the recent interest in progressive awards! You people rock! In the past couple of weeks, I've issued certificates for 1K, 2K, and 3K awards and I know several more are in process. (Not the least of which is Peter Summers, N2XTT's 46K award he keeps saying is almost ready).

The progressive awards are the central feature of our awards system. They have been around since the beginning of the club. I'll talk about some of our current record holders in higher-order progressives first and then follow with some tips on pursuing your own progressive awards.

## Overachievers

While many members pursuing progressives stop with the 2K award, a requirement on two bands as a prerequisite for the Master's Degree, others have gone on to great heights. I already mentioned [Peter Summers, N2XTT \(Master #6\)](#), who holds the only 45,000-Point Award in club history. It is on 40 meters SSB, where his closest competitor is [George Rebecca, K5FNS](#), who reached 32,000 points in 2012. Among active members, [Ralph Mitchell, KG8WL \(Master #71\)](#), is still going strong and threatening to catch up to Peter one day, holding a 25,000-Point Award on 40 SSB. ("Someday" could take a while).

[Peter](#) also holds the record on 75 meters, with a 22,000-Point Award. There, he is followed by "[Pablo](#)" [Kelly, NN5G \(Master #27\) \(SK\)](#), with 13,000. [Jim Richardson, N5OHL \(Master #17\)](#), and [Bob Kyvig, WA0ROH \(Master #68\)](#), are next with 12,000 and 11,000, respectively. [John Meyer, AA9ZB](#), and [Ralph Mitchell, KG8WL \(Master #71\)](#), each have 9,000 on 75.

## Other Bands and Modes

It is certainly possible to earn progressive awards in any of the band/mode combinations offered by the 3905 Century Club. I'll give you some outstanding examples. First, I'll tell you that *we have issued NO 1,000 point and up progressives on 20 meters*. Who will be the first to earn a 1K on 20? I hope to be amazed soon by one or more over-achievers who discover 20 meters. Go for it!

Amazingly, on 40M CW, two long-time, standout members have earned the 1,000-Point Award. They are [Art Broome, KK2M \(Master #7\)](#), and [Ricky Mobley, WB5FDP \(Master #22\)](#), who reached the height in 2010 and 2011, respectively. Both are still active in the Club, although Rick's recent health problems have significantly rearranged his priorities. As I write this, Rick is once again in the hospital. We all wish him a speedy recovery!

## Progressive Award Hints and Tips

Members repeatedly ask the question, "Is there a strategy for earning progressive awards." The answer is a qualified "yes." While we all develop our own individual approaches, here are some hints that will help you with yours when seeking progressive awards of 1,000 points and higher. While planning your strategy, always keep in mind that contacts with a given call sign may not be duplicated in future progressive awards, unless that call sign is mobile or portable in states other than those already used.

I'll give you a general strategy for the 1K award, which can be extended to the 2K and above.

1. First and foremost, familiarize yourself with the progressive awards' rules. Download the PDF version of the award application from the Club website, read it and understand it thoroughly. There are many nuances to comprehend. Knowing the ins and outs of progressive awards will be invaluable in developing your strategy.
2. For the 1,000-point award, manage your contacts with the "states" section in mind first. You need five different prefixes in each of the contiguous forty-eight states plus one contact each for Alaska and Hawaii. Then, if you haven't yet earned the 500-point award, set aside your "leftover" contacts for use in the mandatory "states" section of that level, which requires twenty-five states. Choose states that are easier for you while striving to preserve unusual prefixes and tough states for future progressives.
3. Next, fill in your ten required mobile and fifteen required DX contacts. The DX section requires a minimum of five different DX countries, so list eleven Canada contacts first and then fill in the other four slots with increasingly rare DX entities. You'll want to save as many non-Canada DX contacts as possible for future progressives.
4. If you haven't yet earned the 500-Point Award, now fill in the non-required parts of the 500-point award application, using contacts you don't think you'll need for future progressives. In other words, "leftovers" from the 1,000-point application.



5. Use wildcards and super wildcards on your 1,000-point award “states” section. You can use up to four wildcards and one super wildcard (except to fill slots for Alaska and Hawaii). Especially if you’ll be progressing further, use them! They get rarer as you apply for higher level progressives. No need to hold back unless pride so dictates!
6. You might find yourself going back and forth between the 1K and 500-point applications several times before you arrive at an optimal arrangement of your contacts.
7. The tips above also apply to the 2,000-point and higher awards, where Level I is the equivalent of a 100-point award and Level II is the equivalent of a 500-point award, and Level III is the same as the 1,000-point award. If your goal from the start is to earn a 2,000-point award, consider working backward from there applying the principles above.
8. Keep copies of your applications going all the way back to your first 100-Point Award if you can. This will be of help in checking your big awards if something goes awry with the records kept by your Area Awards Manager.

Many members have their own methods for pursuing these flagship awards. If you have developed some effective strategies for progressive awards, please share them with us for publication in a future *Centurion*.

## Plaques

Any progressive level of 2,000 points or greater allows you to order a plaque to commemorate the achievement. There is a nominal charge involved – well, maybe not so nominal anymore – but it is a nice walnut plaque with a raised club logo and a brass plate giving the award information and signed by our illustrious president. At the time I am writing this, the cost is \$52, which must be flexible in view of increasing costs from my trophy shop. When you earn a 2K or higher degree and want a plaque, ask your Area Awards Manager, who will get the current cost from me.

I’m hoping to slow down and have a quiet October. Football season is in full swing and hockey season is cranking up. The lower HF bands will be getting better as winter approaches. I hope we can keep health issues, violent storms, and family tragedies to a minimum.

Stay happy and healthy, all!

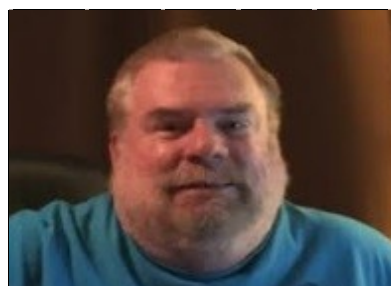
Vy 73,

Ben – AE4NT

Awards Secretary

## Operating split – What is it? Why is it needed to make some contacts with DX?

By Marty Blaise, AG5T



At a recent net control Zoom meeting and email chatter, one of the hot topics has been “split operation.” What are split operations? Why is it needed in some cases to work a DX station? Why do some Club members say you can only get to a Masters Degree by working DX split?

Before we do some examples, we first need to refresh ourselves on the ITU – International Telecommunications Units. There are three of these units for radio usage around the

world. Not every country has the same band plan. Some places have shortwave stations where we have ham stations. If you have been on 7.268 you know that during the evenings shortwave stations will open up on 40 meters.

Specific frequency allocations vary from country to country and between ITU regions as specified in the current ITU HF frequency allocations for amateur radio. The list of frequency ranges is called a band allocation, which may be set by international agreements, and national regulations. Here are some graphics showing the ITU areas. To the right is the ITU Region 1 Band allocations for Europe, Russia, Africa and the Middle East. On the following page are the ITU Region 2 and Region 3 graphics.

ITU Region 1 corresponds to Europe, Russia, Africa and the Middle East.

### 80 metres

See also: [80-metre band](#)

### ITU Region 1

80 metres	3500 – 3570	3570 – 3600	3600 – 3620	3620 – 3800
IARU Region 1				



### 40 metres



40 metres	7000 – 7040	7040 – 7050	7050 – 7060	7060 – 7100	7100 – 7200
IARU Region 1					

### Key [\[edit\]](#)

- CW and data ( $\leq 200$  Hz bandwidth).
- CW, RTTY and data ( $\leq 500$  Hz bandwidth).
- CW, RTTY, data, NO SSB ( $\leq 2.7$  kHz).
- CW, phone and image ( $\leq 3$  kHz bandwidth) SECONDARY.
- CW, phone and image ( $\leq 3$  kHz bandwidth).
- CW, data, packet, FM, phone and image ( $\leq 20$  kHz bandwidth).
- CW, RTTY, data, test, phone and image.
- Reserved for satellite links.
- Reserved for beacons.

## Region 2 - The Americas

80 / 75 m	3500 – 4000				
 Canada					
 United States	3500 – 3525	3525 – 3600	3600 – 3700	3700 – 3800	3800 – 4000
Novice / Technician					
General					
Advanced					
Extra					

40 m	7000 – 7300			
 Canada				
 United States	7000 – 7025	7025 – 7125	7125 – 7175	7175 – 7300
Novice / Technician				
General				
Advanced				
Extra				

## ITU Region 3

ITU band	Band name	Frequencies (MHz)	
		Lower end	Upper end
	80 metres	3.5	3.9
	40 metres	7.0	7.3

**Australia, Asia,  
Japan, Indonesia,  
New Zealand,  
Oceania**

**band plans  
vary widely**

I have only copied the 80 meters (or metres) and 40 meters for the three areas. For this article I am going to focus on four of our nets – 40 early SSB, 75 early SSB, 40 late SSB and 75 late SSB.

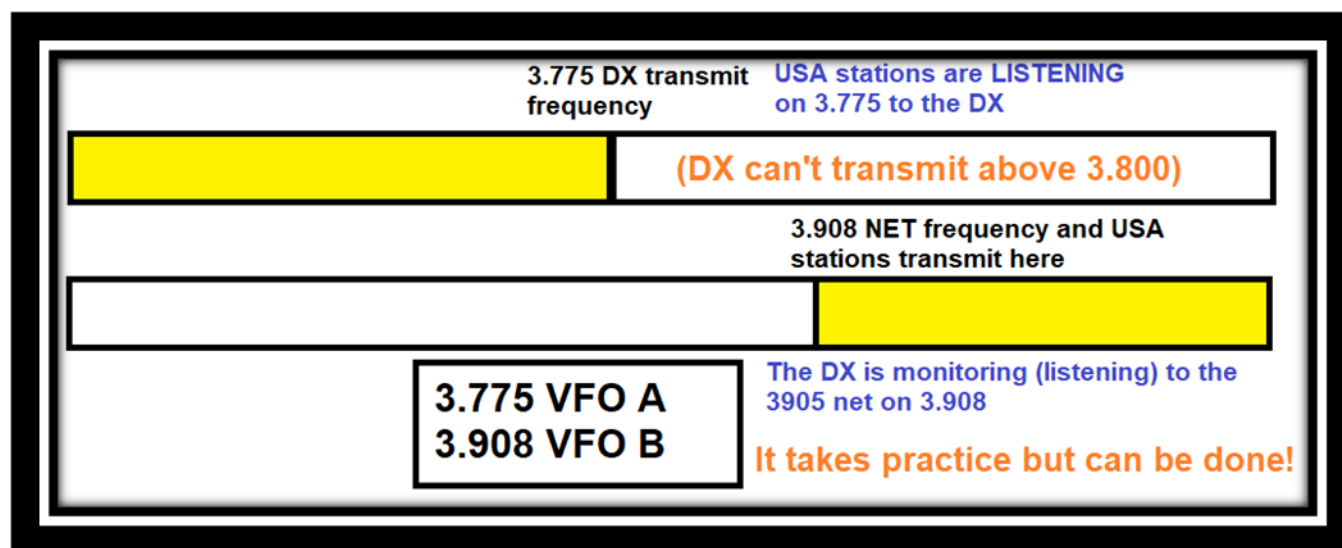
So, as you can see there are countries who cannot transmit on some of our frequencies. If we run the 40 meter early net at 7.268, the Europeans in ITU area 1 cannot go there. We would have to use a split frequency. How is this done?

Let's start with a basic example and then expand on it. Say the 3905 Century Club is operating the 75 meter early net on 3.908. While Central American and Caribbean DXCC entities can operate on the same frequency of 3.908, DXCC entities in Europe cannot. Basically, due to different band regulations in that part of the world, the Europeans can go no higher than 3.800. So, how can we contact them? The answer is split operations.

Say a European station is on 3.775 and we have someone invite them to the net. They cannot transmit on 3.908 but they can LISTEN there. The reverse of this is that a person on 3.908 can TRANSMIT there but must listen to the DX on 3.775.

On 40 meters, I noted from archived net listings that AA1NA was operating the 40 meter late net above 7.200 and a Canary Islands station was checked in at 7.190. The EA8 station cannot go above 7.200. So, Kirk was able to get the EA8 checked in on a split frequency.

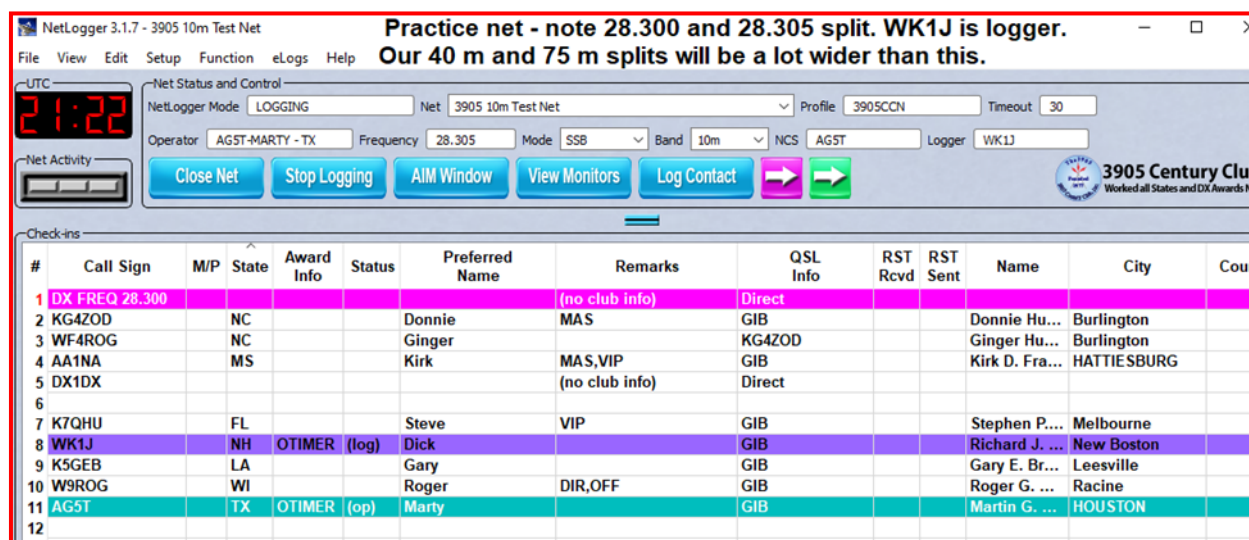
Most HF transceivers have a couple of buttons designated VFO A and VFO B. For the Yaesu FT450D, you for example, could enter 3.775 in VFO A and 3.908 (or whatever the net frequency is) on VFO B. The whole key is that one station transmits on one and receives on the other; the OTHER station receives and transmits opposite. Here is a visual diagram that may help:



Dick Powell, WK1J has been researching many other models HF rigs and how to set up the splits. The Club also plans to hold practice sessions for net controls and other interested in learning split operations. Watch the club website and reflectors for upcoming videos and tutorials.

One thing that the Club will try to start doing is have the Net Control designate a "logger" station to monitor the DX frequency and log the contacts with stations and the DX, so the NCS can focus on the net duties. After the net, the logger will provide the DX logsheet to NCS. NCS will build a small Excel file and then send that to the 3905 Century Club DX bureau.





**Note:** it is preferred to have an Extra Class licensee serve as logger, so that nobody is transmitting out of license class on the band. Also, note that if the Net Control was its own logger, they would have to keep pressing vfo and split buttons back and forth and it could get confusing.

As a test, the 3905 Century Club has picked out some DX frequencies to try during the nets. Here it is for four of the popular nets.

- 40 meter early, usually on 7.268 +/- - note that European stations cannot go above 7.200. The frequency of 7.130 will be monitored for DX. It may have to be adjusted of course.
- 40 meter late, usually on 7.198 – this is a frequency where Europeans stations can check in directly on the frequency. Note, however, if you have to move the net above 7.200, say to 7.205, then the DX from Europe cannot check in there. You will have to get someone to monitor 7.130 to bring those stations to the net.
- 75 meter early and 75 meter late nets – for both of these nets, you **MUST** operate split in order to pick up European DX stations, plus Africa etc. (Caribbean and Central/South America can operate on our frequency). If you are running 3.908, you can have someone listen around 3.775.

Ok, but what if my amp/tuner/antenna can't tune the DX frequency? Note that you don't have to tune the DX frequency if you are only going to LISTEN to it. Ok, but what about the logger transmitting there? Here is something I found:

I have a 75-meter dipole tuned for 3.902. Using my Yaesu 450D I can tune okay down to 3.650 and as high as 3.950. So, I should be just fine to transmit on 3.775. As net control, if I needed to, I could have a relay "watch" 3.908 or whatever the net is on. And I could go down to 3.775. (I would prefer to do it the other way around with a helper going to 3.775 and me concentrating on the net.) Of course, the ideal situation for getting European DX would be for one of our extra classes who has a great signal to Europe to act as the logger.

How are the European stations going to know where we are? Here are Club projects:

1. The club web page of 3905ccn.org has live listings of nets. Refer DX to 3905ccn.org.
2. The club also has a page that describes how DX can operate the nets using split frequencies.
3. Marty Blaise, AG5T, is going to start emailing European stations and European DX clubs to have them start going to 7.130 and 3.775. It's called marketing. If you want to help, send emails, let AG5T know at [martingblaise@gmail.com](mailto:martingblaise@gmail.com).
4. Note there is a DX window at 3.790-3.800 – take a listen and let AG5T know the DX call signs you might hear there. Then he could invite them to our nets.
5. If you have worked a DX station on 40, email them and ask them if they could join us on 75 if they have that capability.

Another question popped up – what time will it be when the Europeans are listening? Based on local time zones and propagation paths, etc. it will vary quite a bit.

If I use the United Kingdom (Greenwich Mean Time or the starting time zone) as my target, I, in the Central Time Zone in Houston, am six hours behind GMT). If I run the 75 meter early net and start at 9 pm my local time, you would add three hours from 9-Midnight and an additional three hours, making it 3 a.m. in the UK. There are hams who work 75 meters during those early morning hours since 75 is primarily a nighttime band on DX. Ok, say it's the 75 meter late net and I start the net at midnight. Then it's 6 am in the UK and there still is the darkness path, but the sun will soon be coming up for Europe.



Darkness paths will vary during the year as well. Maybe some of our members can share their stories about who they have worked and when. And as mentioned some hams work during the early morning hours. I have found the bands to be quiet and even some DX stations have sought me out. Use your favorite search engine to look up time zone maps.

Here are some YouTube videos on various HF radios and how to operate split:

- Yaesu HF 991A - <https://www.youtube.com/watch?v=pxzK5kDZHnw>
- Kenwood TS950S - [https://www.youtube.com/watch?v=9\\_uYHwAQcQ0](https://www.youtube.com/watch?v=9_uYHwAQcQ0)
- Icom IC7300 - <https://video.search.yahoo.com/search/video?fr=mcafee&ei=UTF-8&p=operating+split+on+icom&type=E210US91088G91723#id=1&vid=3c7f16c5610d691165655a2dc44236af&action=click>

Here are some other helpful web site links:

- Operating split on HF - <https://qrznow.com/operating-split-on-hf-info-tips-tricks-for-operating-split-or-duplex-on-hf/>
- Ham radio school - <https://www.hamradioschool.com/post/hf-operations-the-difference-with-hf>

Wishing you Good DX and 73,

Marty AG5T

## My 2022 Road Trip

By Lisa NEUSCHELER , KC1YL

Road Trip 2022 is in the books! I started out August 17 from my home QTH in FL. Did a few PO-TA parks on the way to the NC/SC Border in time for the 40m E net.

Day 2, another few parks on my way to MD/PA state line. There was a great place to set up on the state line in the parking lot of the regional airport.

My third day, Friday, got me to CT. Saturday



**At the NC/SC State Line**  
nas off the railing. That's me up here!

morning  
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Norwalk  
ARC ac-  
tivated  
the Shef-  
field Is-  
land light  
house.  
We  
climbed

to the top of the lighthouse and hang the anten-



**Waving from the lighthouse is W1PPL,  
W1TEG and me.**

Sunday, I continued my Road Trip to Cape Cod doing 4 parks on the way. Watched the sunset from Skaket Beach in Orleans, while on the 40m E net.



My cousin was interested in ham radio, so I took the flag off the flagpole at the house, and hung up my 20M EFHW. We talked to Slovenia, Bulgaria and lots of KS during the KS QSO party. He was very impressed.

After a few days and many POTA Parks on Cape Cod, I went back to CT. I met W1IP on my way and we got on the 40m E net from RI/CT border. W1IP, W1PPL and I activated the Mid-Hudson Walking Bridge by throwing an EFHW upside down over the bridge! An inverted vertical? It worked great. The bridge is 212' above the Hudson River! A beautiful place to go if you're ever in NY.

I lived in CT a long time and got to visit many friends and activate many parks for a week. Then I started my trip back home 9/6. Did another few parks on the way to Roanoke. There was a huge park near the hotel where I got on the 40M E net from VA.



**My POTA set up with mast at Nickerson State Park in Orleans, MA**



**W1IP and me on the Mid-Hudson Walking Bridge**

Wednesday, I drove from Roanoke to Savannah. Doing parks on the way, of course! The hotel in Savannah had a good spot for me to get on the 40m E net. I haven't had that many calls since the first night I signed into a 3905 net!

Thursday, I had a 4 hour drive back home, so I stopped at a few more parks. For the nets I used a 40 hamstick. For POTA I use a 31' mast on a hitch mount, with a 40m EFHW.

My trip totals; 21 days, over 2,000 miles, 9 states on 40m, 6 state lines, 36 POTA parks in 11 states, 1 lighthouse, 1 bridge and a flagpole!

73,

Keep Chasing 1 YL

# Cruising Alaska

by Yukon John, KL7JR/p KL7

**O**n September 5, 2022 our cruise ship, *M/V Eurodam*, docked in Juneau, Alaska. After 2 days of sailing out of Seattle, Claire and I were greeted at the dock by Larry KL7IWC our host. It was exciting to be back in Juneau to visit Mendenhall Glacier and operate HF again. It's been 20 years since my last visit. The glacier is 13 miles north of town on the only main road here. You can't drive to the capital city of Alaska which is kind of strange if you think about it. You can't bring amateur radio equipment on the cruise ships or Alaska ferries either. Bummer!



**Mendenhall Glacier in Juneau**

After a few minutes of glacier gazing, we headed back to the QTH of Larry, KL7ICW to check in to the 3905 40m early net. Conditions were poor at first but N6GC and AA0HF were both 55. My adrenalin was flowing now!

Twenty minutes into the net many signals were heard. The chatter on AIM was funny, "Is KL7JR going to come on?" or "Is #70 and 71 really in Alaska?" Those making my log



were: KB8UEY/p OH, W9WWG, W2RCH, KM4P (who is probably still doing his happy dance, hi hi!), NI0A, KI0Y, K9GWS, K7QHU, WN0P, KC2DAQ, AA0HF, KJ6EEP, WG0I, N8BF, KO4SOW (yes Linda, you really did work Alaska!), AC3JD, N6GC, KJ4OFD, N0PUI,

WD0J, K4JEL and KU1V before we lost power. By now round 1 was almost over and signals were weak again. I was pleased with the contacts I made. The 75m nets would have to wait for my next visit. NCS was Gary K9GWS. It was funny Gary called me right after my AIM message to him stating "signals were fading, call me soon".

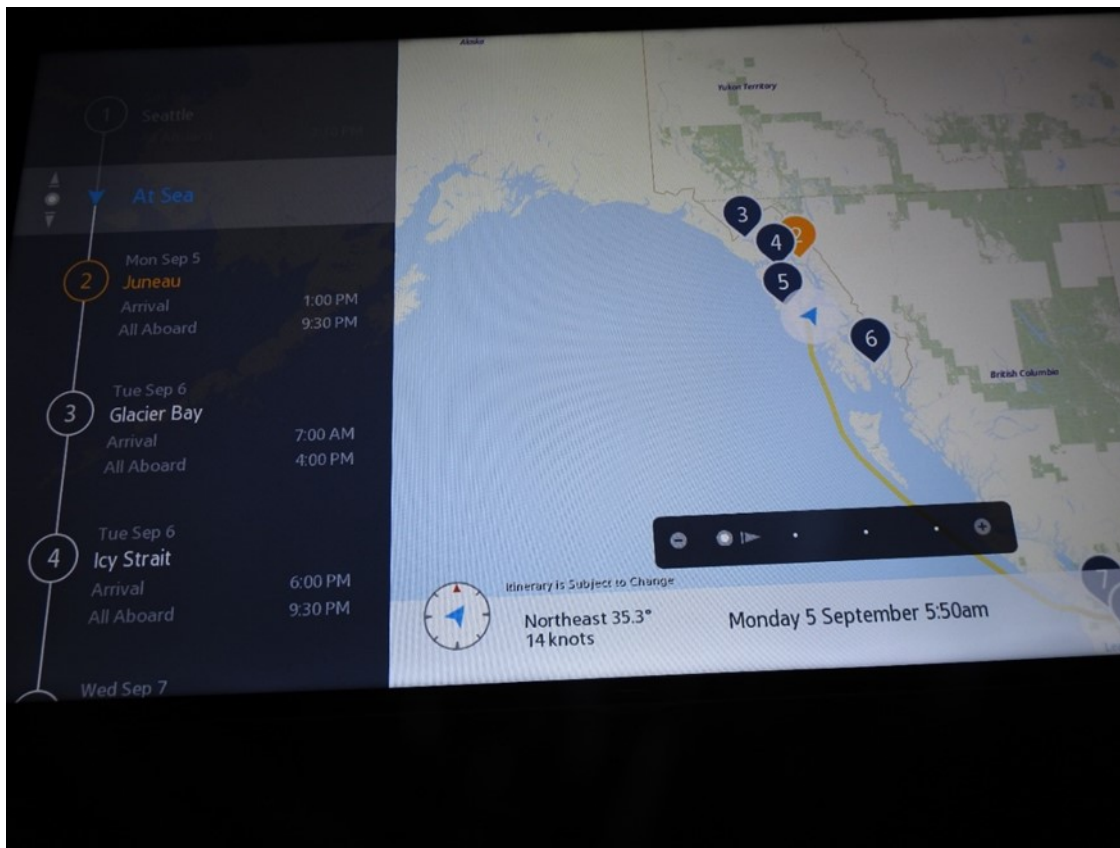


### KL7JR/p KL7 and KL7RST/p KL7 at station KL7IWC in Juneau, Alaska

Several HF rigs adorned Larry's shack. I used his Icom IC-9100 xcvr and SB-220 amp coupled to a fan dipole for 40-17m.



KL7JR (L) and KL7IWC



Checking our room's TV navigation menu, which shows the ships present position and our itinerary, had us in Alaska waters about 2 hours ago (5:50 am local).

This I thought was a neat feature onboard ship to know your whereabouts in real time 24/7. Six hours later from above position report we docked in Juneau.



M/V Eurodam docked at Juneau 12:00 noon on September 5<sup>th</sup>. Dreary rainy day but eventually cleared up for a few hours.

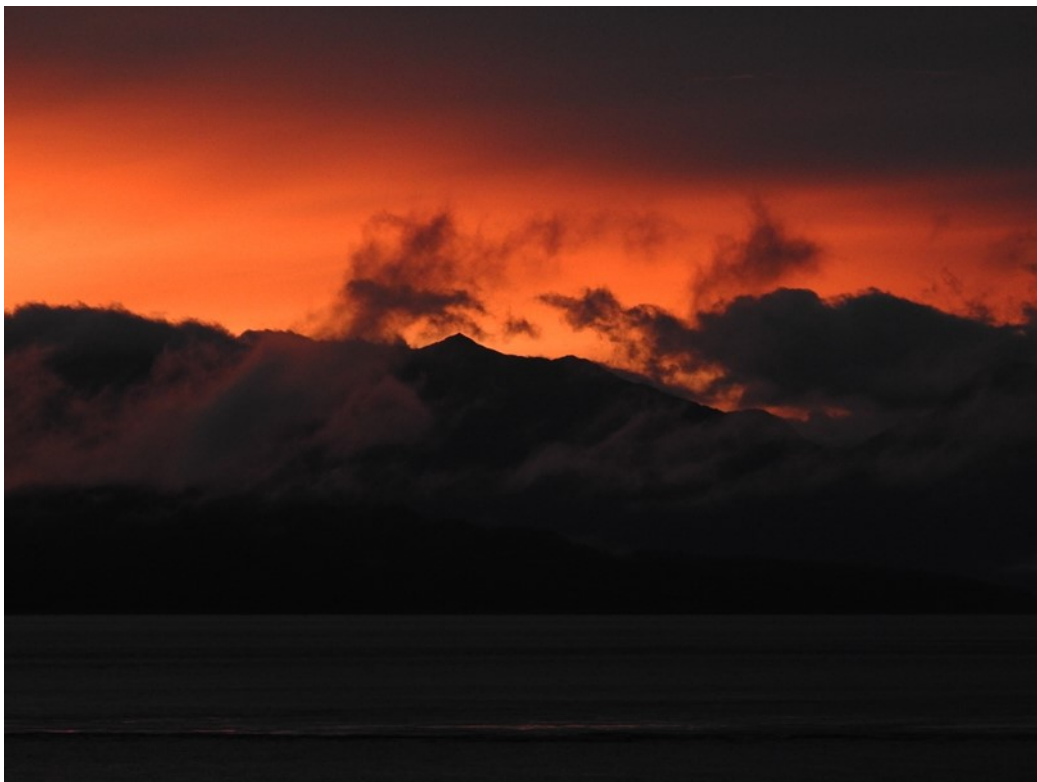




We were the 2<sup>nd</sup> cruise ship to dock at Juneau. There were 4 ships in a row at the pier when we departed. Tourism is the number one industry in Alaska followed by fishing.



**M/V Celebrity Solstice moored behind our ship, Holland America's M/V Eurodam.**



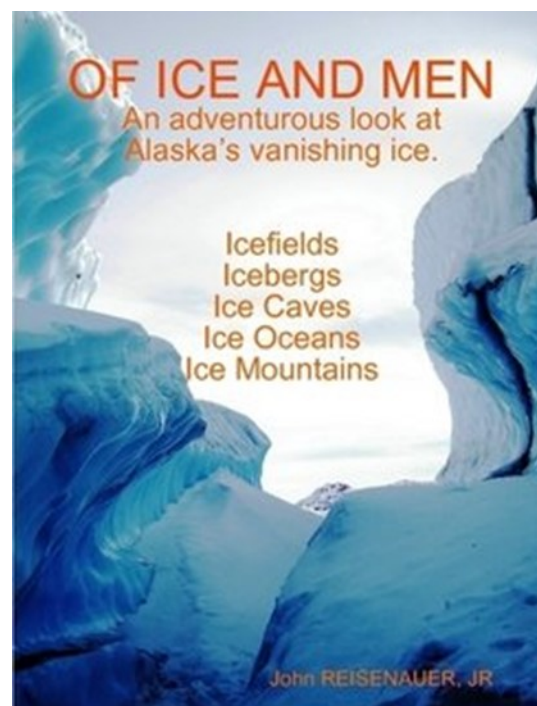
September 6 Sunrise at 6:00 am over Glacier Bay just north of Juneau.



**Not all my books are Amateur Radio related, but most are all about the North.**

When I first moved to Anchorage in 1990, I was immediately mesmerized by glaciers! Every weekend I was out snow shoeing to them, viewing them from boats, or landing on them with small planes or helicopters or trekking all over on them. I had “glacieritis” really bad my friends said! Alaska houses over 100,000 glaciers and less than 5% are named.

(OF ICE and MEN available from Lu-Lu.com)



**Alaska has many different styles of license plates including ham plates.**

These are but a few of the plates available in the Last Frontier. Ham plates are free for technician class or higher hams who can prove they can go mobile and assist in any emergency. You just pay the fee for a regular plate and the upgrade is on the state of Alaska.

The harbor at Ketchikan was bustling with activity on a beautiful sunny September 8<sup>th</sup> day. We toured the business places along the dock then back on the ship for a nap before we left for Victoria, BC. Another wonderful trip in Alaska was had! I've plans for Alaska next year, especially for 75 and 160 meters! See you then.







The same 2 cruise ships that we met in Sitka were on the same route as us arriving a few hours later in Ketchikan.



A fishing boat is back in harbor with its daily catch.



A float plane returns to the harbor so its tourists can rejoin their cruise ship.



A huge container ship passes thru the Ketchikan Harbor.

73 de KL7JR

## September 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, October 8, 2022

**SPECIAL  
EVENTS**

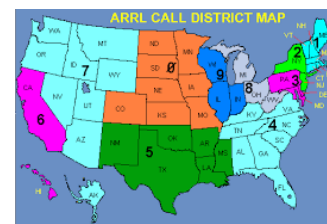
Weekly Zoom Meeting on Wednesdays at 01:30pm Pacific Time. Check your email for the Zoom log-in information.



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## Road Trips!

After all the great road trips that graced these pages over this spring and summer, we have no reported road trips for October. Be sure to check the reflectors often to catch notice of members making a spontaneous trip!



**No Road Trips Were Submitted for This Issue**

## 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.

**FOR SALE**  
**HAM GEAR**

**SAVE** on Yaesu Gear!

Use discount code: **CC22**

Expires 12/31/22. Valid online only. Valid on new Yaesu gear only.

**YAESU**  
The radio

Yaesu FT-5DR

Yaesu FTM-400XD

Yaesu FT-2980R

Yaesu FT-DX101D

**GigaParts**  
Technology Superstore

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



## Fun Facts About Our Nets In September

Did you know we had **564 unique U.S. Stations** that checked into our nets during the month of September. Check to see if you made the list!

AA0AM	K2GQ	KA1FLH	KD2DCQ	KF2GQ	KK7FXI	N0EHP	NC8I	W7PML	WD4BJW
AA0HF	K2PRR	KA2YDS	KD2NDY	KF4AHW	KL7JR	N0MER	NE0A	W7SCD	WD5BGP
AA0ZP	K2SFS	KA3FMO	KD2TZX	KF4EUD	KL7OR	N0PNP	NE1AB	W7UPP	WD8DFW
AA1AL	K2V	KA3MTT	KD2UQX	KF4KFL	KL7RST	N0PUI	NE6R	W8BBK	WD8RON
AA1NA	K2YS	KA4EVR	KD2VAL	KF4RB	KL7WG	N0RWJ	NI0A	W8BI	WE4FUN
AA1NZ	K3JOE	KA6J	KD2VYZ	KF4THX	KM4CCV	N0YG	NK4T	W8CNZ	WE6M
AA2PR	K3LVC	KA9HUK	KD2YCK	KF4YI	KM4LLW	N0YPA	NN0G	W8DDS	WE8K
AA3JF	K3UHU	KB1IVE	KD2YST	KF5ADE	KM4LVX	N1ABY	NO2CC	W8HQ	WE8Y
AA3WD	K3UNX	KB1PJC	KD2ZSA	KF5GTX	KM4P	N1QE	NT4OM	W8JCS	WE9O
AA9TC	K4AVT	KB1XP	KD4GUB	KF5RBW	KM4VEG	N1REZ	VY0RST	W8KZW	WF4H
AB4BU	K4CCN	KB2ENF	KD4ZSX	KF5XX	KM4ZXD	N1YCQ	VY1RST	W8LJZ	WF4ROG
AB5SJ	K4GCD	KB2MN	KD5GOB	KF6SAW	KM6HRD	N1ZTT	W0FLZ	W8LUE	WG0I
AB8E	K4GVH	KB3HNB	KD5KTB	KG2RG	KM6PWV	N2DJL	W0JKT	W8NET	WG4MC
AB8YZ	K4JEL	KB3LPE	KD5QYV	KG4GVL	KN4CQB	N2IGW	W0RCH	W8OH	WK1J
AC0DQ	K4KRK	KB3WAH	KD7QBB	KG4LHQ	KN4GJV	N2PNE	W0SDJ	W8RF	WL7OW
AC2KY	K4LO	KB4BJM	KD7SXH	KG4NTK	KN4LGM	N2QIL	W1FEA	W8SOF	WM4NY
AC2MT	K4RWS	KB4JOY	KD8CSQ	KG4ZOD	KN4PHS	N2XTT	W1GAJ	W8VOS	WN0P
AC3JD	K4SHA	KB5TWL	KD8IF	KG5KPU	KN4QPA	N3BGI	W1IP	W9BLH	WN1F
AC4KW	K4STH	KB7OUZ	KD8TJB	KG5VXY	KN4VBS	N3DDG	W1MDD	W9BLI	WQ7V
AC9XN	K4TER	KB7RAC	KD8TQY	KG5YJW	KN4VLT	N3DNO	W1OO	W9LOM	WS2Q
AC9YX	K4ULP	KB8AGU	KD8YIX	KG7Q	KN4YOB	N3SLC	W2CSI	W9NO	WU2T
AC9ZZ	K4XPR	KB8GUN	KD9DLE	KG7TXQ	KN4ZVG	N3WD	W2HCB	W9ROG	WX0NET
AD0YK	K4ZH	KB8UEY	KD9DST	KG8UTS	KN4ZWW	N4CBT	W2JLD	W9TLW	WY0MNG
AD3AA	K5BDL	KB8UGP	KD9HCO	KG8WL	KN6IXX	N4DLT	W2QJ	W9VOP	WY6N
AD3C	K5CIP	KB9AMC	KD9HPN	KI0Y	KN6MSC	N4SKI	W2RCH	W9WWW	
AD4GH	K5GEB	KB9GUX	KD9NVJ	KI4FSZ	KN6RSX	N4UPX	W2RON	WA0O	
AD5AO	K5KCC	KB9LXM	KD9RSC	KI4KGG	KN6SBJ	N4VFW	W2TI	WA0ROH	
AD5XD	K5RCQ	KC0BXO	KD9RSE	KI4PIL	KN6TUX	N4VYL	W2ZMZ	WA1ITU	
AD8HH	K5VG	KC0DVV	KD9TPE	KI4QMB	KN6TXF	N5ATR	W3GAF	WA1LNY	
AD8IO	K6EXY	KC1IBF	KD9TPX	KI4WCQ	KN6Z	N5CI	W3GMT	WA2BTC	
AD8JF	K6IWA	KC1KSQ	KD9UGB	KI5DQ	KO4DSP	N5IPU	W3LZ	WA3CUC	
AE0QG	K6ODI	KC1PAH	KD9VBY	KI5DVX	KO4ENR	N5KUC	W3OE	WA4BEB	
AE0S	K6STR	KC1QPP	KD9VLZ	KI5DXY	KO4FKE	N5MIG	W3OY	WA4BKL	
AE4NT	K6YEK	KC1YL	KD9VOF	KI5TKD	KO4KLY	N5OHL	W4APB	WA4CFT	
AE6EG	K7AER	KC2CWT	KE0CFT	KI5TXY	KO4MEX	N5RNR	W4AZA	WA4NID	
AE8RN	K7BAC	KC2DAQ	KE0MME	KI5UPP	KO4MKP	N5RWB	W4CBH	WA5YME	
AF5P	K7BNY	KC2IYE	KE0SPN	KI5UXC	KO4MRJ	N5WGA	W4CPO	WA5YNE	
AG5SK	K7CDW	KC2JQC	KE0UMY	KI5VWF	KO4NOR	N6GC	W4CXT	WA6LBU	
AG5T	K7DFH	KC2LXD	KE3UY	KI5WKB	KO4RTG	N7DMO	W4DPU	WA6MRK	
AG5Z	K7MKA	KC2RID	KE4VIS	KI5YYZ	KO4SOW	N7ECV	W4FSW	WA7D	
AG7JC	K7QHU	KC3BFS	KE5JC	KI6DTC	KO4WQQ	N7ENS	W4KSA	WA7DGY	
AG8D	K7TDM	KC3KIH	KE6GQR	KI7GRZ	KO4WSL	N7HRR	W4RHB	WA9CMJ	
AI4K	K7TSW	KC3LXU	KE6JGM	KI7KXP	KO4WUB	N7MWH	W4SNT	WA9DIY	
AI5CD	K8GIB	KC3OBA	KE7NLU	KI7PM	KO4ZOG	N7WOZ	W4VFF	WB2AFC	
AI8O	K8MSF	KC3QYE	KE7RG	KJ4OBO	KO5F	N7XG	W4ZDP	WB2BWS	
AI8W	K8SMK	KC3RYQ	KE8GC	KJ4OFD	KP4PM	N8BF	W5BUS	WB2LKO	
AJ2I	K8T	KC3TIU	KE8HBY	KJ4RM	KQ4AKJ	N8OHA	W5EH	WB2LZM	
AK1NH	K8TA	KC3TIX	KE8OVP	KJ4UL	KQ4ASW	N8PJS	W5FYR	WB2YMU	
K0ATM	K8USN	KC4BRG	KE8RGA	KJ6EEP	KQ4BAP	N9BFI	W5HAR	WB2ZOP	
K0BBC	K9ALC	KC4CCE	KE8RRG	KJ6MS	KQ4BRG	N9DRC	W5HWZ	WB3DJZ	
K0CTS	K9DBB	KC5TMF	KE8RYW	KJ7MUR	KQ4CIA	N9EXU	W5UOT	WB3GXN	
K0GSA	K9DXW	KC9LFD	KE8SXM	KJ7ODB	KQ6OB	N9FKS	W5WJN	WB4HZA	
K0RDP	K9EA	KC9OJI	KE8ULU	KJ7PVT	KR0DS	N9PAR	W6EO	WB4RDG	
K0SSD	K9ECF	KC9YY	KE8UNW	KK4BJZ	KU1V	N9PCF	W6FUV	WB5IMT	
K0STP	K9GWS	KD0AEI	KE8URA	KK4LLS	KW4CAT	N9RYO	W6IWI	WB5ZPK	
K1DDN	K9JFM	KD0APS	KE8USV	KK4NUX	KW4SAB	N9UN	W6LOR	WB7PTC	
K1IU	K9LCY	KD0GHA	KF0BFU	KK4TE	KX8DRA	N9VDT	W6PNY	WB7TZD	
K1TCP	K9RM	KD0SVH	KF0EOI	KK6JLJ	KY4FF	N9XFX	W6SFO	WB7WVG	
K2BKT	KA0	KD0WGB	KF0HUK	KK7BVX	N0DRX	NA7RG	W7GLS	WD0BYM	
K2DTS	KA0MEK	KD1TF	KF0IJ	KK7FDQ	N0ECT	NC1V	W7HIP	WD0J	

Did you know we had 43 unique DX Stations that checked into our nets during the month of September. There were 24 Canadian DX stations and 19 Other DX stations. As for new stations, we had 258 unique new stations check into the nets in September.

## 24 CANADIAN DX STATIONS

K9EA/VE3	VE3CMB	VE3YWN
VA1SNL	VE3HMK	VE3ZSZ
VA2LLZ	VE3JEA	VE9EH
VA3JCD	VE3KJZ	VY1RST
VA3SLJ	VE3KUJ	
VA3YKT	VE3LFR	
VA3YVE	VE3LTY	
VA3ZNQ	VE3SIQ	
VE2PFX	VE3SSR	
VE3BEC	VE3WVJ	

## 19 OTHER DX STATIONS

6Y5CB	Jamaica	40m L SSB	IZ5MJS	Italy	40m L SSB
8P4PM	Barbados	40m L SSB	ON6RJ	Belgium	40m L SSB
DL1DGS	Germany	40m L SSB	ON7HJA	Belgium	40m L SSB
DL6MHG	Germany	40m L SSB	SV1MNT	Greece	20m PSK
EA3YI	Spain	20m CW	TI2SD	Costa Rica	40m L SSB
EA8DMF	Canary Is.	40m L SSB	V44MS	St Kitts	40m L SSB
FE8ANK	France	40m L SSB	WH6S	Hawaii	40m L SSB
HC1JQ	Ecuador	20m RTTY	WP4UV	Puerto Rico	40m L SSB
HI8ESF	Dominican	40m E SSB	XE1IMO	Mexico	40m L SSB
I2VRN	Italy	40m L SSB			

## 258 NEW STATIONS

AA0AM	K8USN	KD1TF	KF4EUD	KN4GJV	N2DJL	W3OY	WD0BYM	
AA1AL	K9ALC	KD2NDY	KF4RB	KN4VBS	N3DNO	W4AZA	WD4BJW	
AA9TC	K9DXW	KD2TZX	KF4THX	KN4VLT	N3SLC	W4FSW	WD5BGP	
AB4BU	K9ECF	KD2UQX	KF5ADE	KN4YOB	N4CBT	W4KSA	WD8DFW	
AC2KY	K9JFM	KD2VYZ	KF5XX	KN4ZVG	N4VFW	W4ZDP	WD8RON	
AC4KW	KA0MEK	KD2ZSA	KF6SAW	KN6SBJ	N4VYL	W6IWI	WE8K	
AC9ZZ	KA3FMO	KD4ZSX	KG4GVL	KN6TXF	N5ATR	W6LOR	WE8Y	
AD0YK	KA9HUK	KD5GOB	KG4LHQ	KN6Z	N5CI	W7HIP	WE9O	
AD8IO	KB1IVE	KD5KTB	KG4NTK	KO4DSP	N5RWB	W8BBK	WG4MC	
AD8JF	KB1PJC	KD5QYV	KG5VXY	KO4ENR	N7ECV	W8CNZ	WL7OW	
AE0QG	KB3HNB	KD8CSQ	KG7TXQ	KO4KLY	N7HRR	W8KZW	WS2Q	
AE6EG	KB4JOY	KD8IF	KI4KGK	KO4MKP	N7MWH	W8LJZ	WX0NET	
AE8RN	KB5TWL	KD8YIX	KI4PIL	KO4MRJ	N8OHA	W8LUE	WY0MNG	
AG8D	KB7OUZ	KD9HCO	KI5DVX	KO4NOR	N9DRC	W8OH		
AI5CD	KB8AGU	KD9NVJ	KI5DXY	KO4RTG	N9EXU	W8SOF		
AJ2I	KB8GUN	KD9RSC	KI5TKD	KO4WSL	N9FKS	W8VOS		
K0ATM	KB9AMC	KD9RSE	KI5TXY	KO4WUB	N9PCF	W9BLH		
K1IU	KB9GUX	KD9TPE	KI5UPP	KO4ZOG	N9RYO	W9LOM		
K2BKT	KC0BXO	KD9UGB	KI5UXC	KQ4AKJ	NC1V	W9NO		
K2DTS	KC1IBF	KD9VLZ	KI5VWF	KQ4ASW	NE1AB	W9TLW		
K2PRR	KC1KSQ	KD9VOF	KI5YYZ	KQ4BAP	NE6R	W9VOP		
K3LVC	KC1PAH	KE0MME	KI7GRZ	KQ4BRG	NN0G	WA4CFT		
K4AVT	KC1QPP	KE0UMY	KJ4OBO	KQ4CIA	VE2PFX	WA5YME		
K4STH	KC2CWT	KE5JC	KJ7MUR	KQ6OB	VE3KJZ	WA7D		
K4ULP	KC2JQC	KE6GQR	KJ7PVT	KW4CAT	VE3LTY	WA9CMJ		
K4XPR	KC3BFS	KE6JGM	KK4BJZ	KW4SAB	VE3WVJ	WB2BWS		
K5BDL	KC3KIH	KE7NLU	KK4NUX	KX8DRA	W0RCH	WB2YMU		
K5CIP	KC3LXU	KE8OVP	KK6JJL	N0ECT	W0SDJ	WB2ZOP		
K5GEB	KC3RYQ	KE8RGA	KK7FDQ	N0EHP	W1FEA	WB3DJZ		
K5RCQ	KC3TIU	KE8ULU	KM4CCV	N0MER	W1MDD	WB3GXN		
K6EXY	KC4BRG	KE8USV	KM4LLW	N0PNP	W2HCB	WB4HZA		
K6IWA	KC5TMF	KF0EOI	KM4VEG	N0YG	W2RON	WB4RDG		
K6STR	KC9OJI	KF0IJJ	KM4ZXD	N1QE	W3GAF	WB5IMT		
K7TDM	KD0AEI	KF2GQ	KM6HRD	N1YCQ	W3LZ	WB5ZPK		
K8SMK	KD0GHA	KF4AHW	KM6PWV	N1ZTT	W3OE	WB7WVG		



## Exit with a Smile!

Could this be the first POTA YL team to activate a park?

