

# Anchorage Amateur Radio Club

## Newsletter



The next General meeting is  
September 6, 2018  
Radio Science and Operations  
Center (RSOC) Building - 7:00pm  
6721 Raspberry Road  
Anchorage, AK



# NOMINATIONS NOW OPEN

# Nominations Now Open (from front page)

**Nominations accepted for the AARC board of directors and its officers.** The AARC needs your help. Please consider running for the board of directors or its officers. The club is currently in need of individuals to help govern the club and move it through 2019 and 2020. The board is actively looking for a club treasurer that would start immediately in order to overlap with **Jill Heimke, WL7BTT**, who has expressed a desire to retire from her position at the end of 2018. If you know of someone that has a desire to serve as an officer of the club and be the treasurer, bring that name up at our general meeting during the nomination period.

Our club president **Lara Baker, AL2R** has expressed a desire to retire at the end of the year too. However, he has agreed to continue until the board of directors brings forth a qualified candidate. If you are interested in leading the club, make it known to a board member. The board of directors and the club officers are listed at the end of the newsletter.

The club secretary, **Richard Tweet, KL2AZ** is also retiring from his position at the end of the year.

## September 6th General Meeting

By Allen Abbott, KB1QCE

**AARC Nominations** will be the subject of discussion. Learn what positions are not contested and those positions that the board has recommendations. If you have an interest in any position, you need to make it known.

By Richard Tweet, KL2AZ

### **Elections:** AARC Election Committee News

The AARC Board will present a slate of Officers and Directors at the September Membership Meeting to be considered for the annual election. At the September meeting, additional nominations may be made for the open positions which are; AARC President, AARC Secretary and three Directors. If the presented slate is not opposed, the 2018 election will be considered complete and an election will not be held. If additional nominations are made, the election will be held at the October Membership meeting by a show of hands vote. Those members unable to attend the October membership meeting may request a return call prior to the October Membership meeting by two AARC Board members who will call the member to receive their vote. To request a call to cast their vote, an AARC member can contact the Secretary at [secretary@kl7aa.org](mailto:secretary@kl7aa.org) or phone/text to (907)231-9155.

The AARC also has 2 vacancies, that are not up for election, to fill through the appointment process also. A Director seat is currently vacant and the Treasurer position will be vacant on 1/1/19. The Director seat is through 12/31/2020 and the Treasurer seat is through 12/31/2019. Please contact any Board member to express interest and be considered for these positions. Board positions open are: President (incumbent Lara Baker AL2R), Secretary (incumbent Richard Tweet KL2AZ) and 3 three-year Board positions (incumbents T.J. Sheffield KL7TS, Keith Clark KL7MM and Dave Webb N9AIG)

By T.J., KL7TS

**The tech talk** will be about DMR (Digital Mobile Radio).

# Completed Local Event Communications

A sincere thank-you to everyone who helped with the **Tour de Cure and RunFest** local communication service. A special thank-you goes to Alice Baker, KL2GD and Keith Clark, KL7MM who coordinated communications for the Tour de Cure and RunFest respectively. A hearty thank-you goes to the participants for making both events a success!

We do have a few photos of the **Tour de Cure (August 12)**:



Photos by T.J., KL7TS

The Tour de Cure participants include Lara Baker, AL2R, Dave Webb, N9AIG, Allen Abbott, KB1QCE, Jan Abbott, KB1QCD, Jim Wardman, AL4W, Joel Spivey, N4ERF, T.J. Sheffield, KL7TS, Kathy O'Keefe, KL7KO, Mike O'Keefe, KL7MD, Keith Clark, KL7MM, Craig Bledsoe, KL4E, Bob Pelz, KL7WS, and Alice Baker, KL2GD. The weather was also noteworthy as rain and high winds were dished out by Mother Nature. The winds were high enough that the motorcycle sweeps pulled off the course and portions of the run were rerouted.



The photographers were out in force for **RunFest** (August 19, 2018). Thank-you everyone for sending these photos to the editor. I may not have the photo credits 100% so my apologies in advance:







A story about this contestant: His bike leader couldn't keep ahead of him and then had to follow. The following bike then couldn't keep up with the contestant either.







This is the medical team that stayed to be sure that the last runners passed with the bike sweep following.



The photos wouldn't be complete without the "red lantern." These two women had incredible drive to stick with it to pass Westchester Lagoon at 4:15 PM. The course officially closed at 3:30 PM, but they continued on with the bike sweep following to be sure they were safe.



Part of the final cleanup crew

Thank-you to all that helped with the RunFest communications: Lara, Bill, Jan, Keith, Dave, N9AIG, Tom, KL4RQ, Alice, KL2GD, Jim, AL4W, T.J., KL7TS, Allen, KB2QCE, Craig, KF7PFN, Emily, KB7AMA, Joel, N4ERF, Pat, KL3JH, Fred, KL7FE, Larry, KL3UL, Walter, KL7WY (hopefully, I didn't forget anyone; there might have been a few last minute changes).

Kudos go to the RunFest organizers. The race was well organized with water, food, portable restrooms, and accessible spectator locations throughout the course. The running events were well marked and their sweep not only picked up all race signage but all remaining litter on the trails.



# AGM Battery Donation By Raven Electric

The AARC has received a donation of 20 AGM batteries from Raven Electric. These are Deka Unigy model number 45HR2000. From the model number you would think that they are 45 Ah, but in fact they are rated from the manufacturer (East Penn Manufacturing) as 48.8 Ah. What's even more surprising is that they are testing out at about 50 Ah on a 20 hour discharge test (see the article following about the new AARC "Battery Lab"). Another plus, as the new owners of these batteries, is that they weigh 40 pounds each. This makes them a little easier to move around. As you can see in the photos below, they have screw terminals that will facilitate parallel or series combinations and battery fuse protection between the batteries. Obviously a very generous donation. (Thank-you Raven Electric!)

T.J. hauled the batteries in his truck as seen below.



Photos by T.J., KL7TS (above) and Dave, N9AIG (below)





# RSOC “Battery Lab”

It was time, the AARC has received so many battery donations over the last few years, that it was time to start sorting them out as to their suitability to press them into service. The AARC does own a West Mountain Radio CBA III that performs capacity tests on all types of batteries. This would include lead-acid, NiCad, NiMh, alkaline, and various chemistries of lithium. The tester was pressed into service and our battery inventory is now being evaluated.; progress to date is about 10 batteries out of an inventory of 54. It was found that one of the Liberty 1000 (125 Ah) should be recycled and the Power Sonic batteries (35 Ah and 10.5 Ah) in the Daniels repeater are at about a capacity of 65% and 67% of a new battery.

Because of the number of batteries and the time required to perform a capacity test (20 hours), priority is being given to those batteries in service or about to be pressed into service. All batteries are being topped up periodically to prevent sulfation.

To perform the capacity test the following input data has to be known:

1. Battery type (lead/acid, NiCad, LiFePO4, etc.)
2. Capacity in Ah (typically the 20 hour rating)
3. Number of cells (12 V lead/acid batteries have 6 cells)
4. Battery voltage (dependent on battery chemistry)
5. Weight of battery (in kilograms)
6. Give the test a name (file name that is saved)
7. Cutoff voltage (for lead/acid we are going down to 10.5 volts)
8. Test type (discharge)
9. Test amps (for lead acid Ah divided by 20)
10. Graph format output (minutes, Ah, or watts)

More information on the capacity tester can be found here: <http://www.westmountainradio.com/>

More information regarding batteries can be found here: <https://batteryuniversity.com>

Thanks go out to the battery team that has taken an interest in our battery inventory: Kent, KL5T, T.J., KL7TS, Mike, KL7MO, Keith, KL7MM, and Dave, N9AIG

Photo by T.J.



# The AARC Newsletter

This newsletter continues to be published on a monthly basis, but an ongoing deficiency was the history of newsletters. This has been rectified by Kent, KL5T. Kent has activated the link on our home page that has newsletters that go all of the way back to 1972.



If you are missing an issue, or want to take a trip through the history of the AARC, click on the links to the newsletters.

If you are a long time AARC member and you have copies (we can scan paper copies) of newsletters that you don't see on the web-site, please make it known to the AARC newsletter editor; we'll get it posted in our library.

Thanks go to Kent, KL5T for filling the gaps in our historical archives.

## Open House on Saturday, September 22

By Dave, N9AIG

I'm sorry about the confusion, but there is **not** going to be a Ham Fest on September 22, 2018 at the RSOC. The last AARC board meeting notes included in this newsletter talked about a Ham Fest. It was also mentioned in a general membership meeting. Instead of the Ham Fest, we will host an Open House on September 22.

If you haven't been to the RSOC lately, you will be surprised with its current organization and operation. We continue to erect antennas and assemble stations at the complex. We have considerable work in front of us, but we've come a long way after moving out of our previous Rowan Street location. Join us at the Open House to see all of the progress AND the many opportunities for more individuals to get involved.

***This does bring up the need for renewed volunteerism. The AARC needs your help. We've effectively moved into a 10,000 square foot home with a four car garage on an acre plus of land.***

***AARC elections are coming up; this is an opportunity to raise your hand.***



# AARC Hosts Alaska VOAD August Meeting

By [KENT PETTY](#), KL5T

The AARC was privileged to host the August meeting of Alaska Voluntary Organizations Active in Disaster (VOAD) at the Radio Science and Operations Center (RSOC). It was a great turnout, with 21 people in attendance. In addition to conducting the important business of AK VOAD, the group was generous and allowed us to explain our role, as a club and as ARES in disaster situations. In addition to the normal attendees, there are additional visitors from the State of Alaska Emergency Operations Center and even one visitor from FEMA Region X.

The RSOC continues to be outfitted to be ready in case of disaster, for education, experimentation, contesting, DXing, and just plain fun. How can you help? Drop a note to [info@kl7aa.org](mailto:info@kl7aa.org) to check in. Remember, we have Working Wednesday's from approximately 1800 – 2100, and typically have the RSOC open on Saturdays from @ 1000 – 1500.

## AARC Election Committee News

By [KENT PETTY](#), KL5T

The AARC Board will present a slate of Officers and Directors at the September Membership Meeting to be considered for the annual election. At the September meeting, additional nominations may be made for the open positions which are: AARC President, AARC Secretary, and three Directors. If the presented slate is not opposed, the 2018 election will be considered complete and an election will not be held. If additional nominations are made, the election will be held at the October Membership meeting by a show of hands vote.

Those members unable to attend the October membership meeting may request a return call prior to the October Membership meeting by two AARC Board members who will call the member to receive their vote. To request a call to cast their vote, an AARC member can contact the Secretary at [secretary@kl7aa.org](mailto:secretary@kl7aa.org) or phone/text to (907)231-9155.

The AARC Board also has 1 current vacancy and 1 upcoming vacancy. Each of these positions is required to be filled through the appointment process. A Director seat is currently vacant with a term ending on 12/31/2010. The Treasurer position will be vacant on 1/1/19 with the term running through 12/31/2019. Please contact any Board member to express interest and be considered for these positions.

Richard Tweet, KL2AZ  
Secretary

# Fire Mitigation Operation

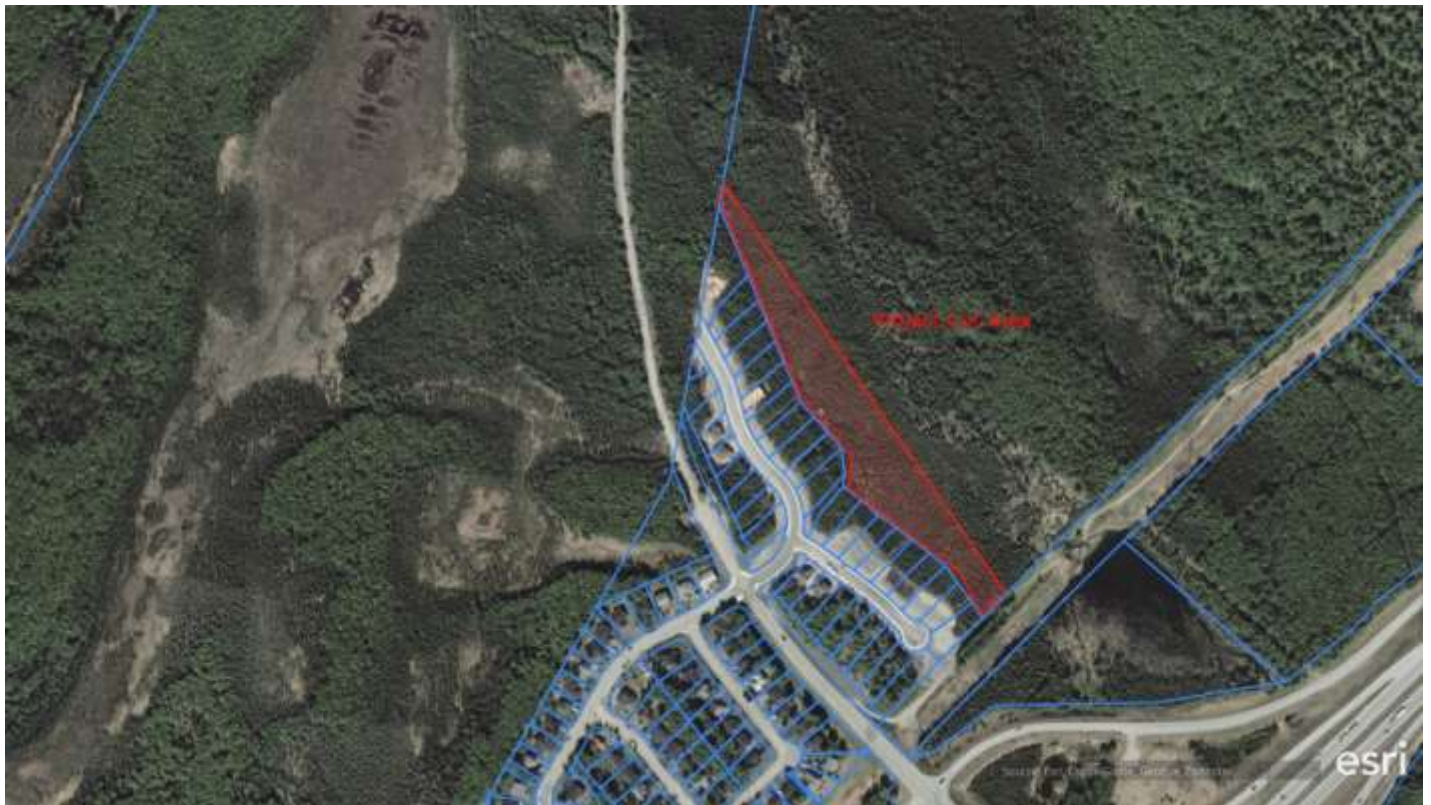
By Dave Webb, N9AIG

The Wildland Fire Mitigation Operation will be held on Sept 28 - Oct 1. The event will be held in Eagle River in the Powder Ridge area. The map below shows the planned cut area (area in red). The area is approximately 1/3mi long by 200ft deep, so overall a small area. However, this would be a great time for VOAD to work with the AARC and figure out how to flow seamlessly in the event of a disaster. The major operation days will be the 29th and 30th.

AARC will be working with Team Rubicon for this event. It's not clear what the AARC's role will be in this effort. Will be carrying handheld radios or chainsaws or both?

More information will be forth coming. Please let Dave Webb, N9AIG or T.J., KL7TS know if you are willing to participate in this joint exercise.

I will be contacting Joe Cline from Team Rubicon to gather additional details.





# Who Are Our Raspberry Pi Enthusiasts?

## We've got a project!

By [KENT PETTY](#) , KL5T

There's a great opportunity for our Raspberry Pi enthusiasts to take on an important and interesting project for the club. If successful, it might be something that many of our members would be interested in. Who knows, maybe a kit building class opportunity in the offing!

I don't want to let too much out of the bag, but really would love to get our RPi folks on the board and showing others what these little powerful pieces of magic can do!

So, please, if you are into the RPi and want to do something really, really cool, let us know by filling out the form on our web-page and we'll get back to you:

<https://kl7aa.org/who-are-our-raspberry-pi-enthusiasts-weve-got-a-project/>

Thanks much,

Kent, KL5T



## ARRL September VHF Contest

By Dave, N9AIG

Here's another opportunity to compete in a VHF contest!

**Objective:** For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada.

All legal modes are permitted (while CW and SSB/Phone are most common, MSK441, FT8 and FM -Only are gaining popularity - other popular modes include PSK31, FSK441 and JT65). For Cabrillo file mode definitions, Digital modes can be represented as "RY" (all things digital) or "PH" as digital modes are transmitted via Phone audio .

Stations in KH0-9, KL7 & KP1-KP5, CY9 and CY0 count as W/VE stations and can be worked by DX stations for contest credit.

The second full weekend of September. Begins 1800 UTC Saturday and runs through 0259 UTC Monday (**September 8-10, 2018**).

All information reprinted above from: <http://www.arrl.org/september-vhf>

# What is it? (August answer)

By Walter Yankaukas, KL7WY

When the AARC moved into the FCC building, we inherited a lot of stuff that came with the building. Some of the stuff is a genuine mystery. Here is a picture of one of the items:



This thing is about 6.5 inches long. The middle looks like it's an acrylic cylinder 1.5 inches in diameter with about 4.5 inches exposed. There are two brass caps on the end. Each are held on to the acrylic cylinder by three machine screws, maybe #8 by an inch long. The top center of the cap looks like it's tapped for a 5/16 inch bolt. Both of the end caps have a blob of solder that looks like a wire had been soldered to it at a 45 degree angle relative to the length of the cylinder. Maybe it was to ground the end caps, or maybe there was a wire that spiraled around the acrylic portion, but there is no evidence that a wire had been spiraled around the acrylic. Do you know what it is?

The first answer that I got was that this was part of a Yagi antenna. This was the mount for the driven element of the Yagi. The acrylic part could be clamped to the metal spine of the antenna. The driven elements would be screwed into the ends. The feed line would be soldered to the end caps. Both of the driven elements would be insulated from the metal spine of the antenna.

But... I think that it is a matching coil for a mobile whip antenna. Like this one:

**Thanks for those that replied with their answers:** Jack Sypolt, N7BFG, Eric, KL7AJ, Dan O'Barr, (no call)

Editors note: Walter continues to unearth relics in the basement of the RSOC. Recently he had a bottle that was marked "Teletype Oil".





# What is it? (for September)

By Walter Yankaukas, KL7WY

When the AARC moved into the FCC building, we inherited a lot of stuff that came with the building. Some of the stuff is a genuine mystery, but I think I know what this one is:



This looks like a pair of scissors without blades. The screw side has a brand name of "K + E." The opposite side has two cylinders. One is fixed, the other is an offset cam. Open the finger loops and the cylinders open about 1/8". Close the finger loops and the cylinders come together.

What is it?

What is it used for?

What's it worth?

It will be out for inspection at the September 2018 meeting on the 6th at the RSOC.

Answer in next months newsletter.

Walter, KL7wy

# Radio Club AARC Search

By Walter Yankaukas, KL7WY

We are not alone. When you do a search trying to find the Anchorage Amateur Radio Club, the abbreviation may not be enough. I did a Google search on AARC+Radio+Club and found 24:

Ak-Sar-Ben Amateur Radio Club - Omaha, Nebraska  
Alamance Amateur Radio Club - Alamance County, North Carolina  
Alamogordo Amateur Radio Club - Alamogordo, New Mexico  
Albany Amateur Radio Club - Albany, Georgia  
Albemarle Amateur Radio Club - Charlottesville, Virginia  
Alger Amateur Radio Club - Alger County, Michigan  
Algoma Amateur Radio Club - Sault Ste Marie, Ontario  
Alliance Amateur Radio Club - Alliance, Ohio  
Almonte Amateur Radio Club - Almonte, ON  
Ames Amateur Radio Club - NASA Ames Research Center, Moffett Field, CA  
**Anchorage Amateur Radio Club - Anchorage, AK**  
Androscoggin Amateur Radio Club - Auburn ME  
Anne Arundel Radio Club - Largest Ham Radio Club in Anne Arundel County Maryland  
Argonne Amateur Radio Club - Argonne National Laboratory, Lemont, IL  
Arizona Amateur Radio Club -  
Arlington Amateur Radio Club - Arlington County, Virginia  
Arrowsmith Amateur Radio Club - Port Alberni, BC  
Artic Amateur Radio Club - Fairbanks, AK  
Aruba Amateur Radio Club - Aruba  
Athens Amateur Radio Club - Athens, Texas  
Atikokan Amateur Radio Club - Atikokan, Ontario  
Atsugi Amateur Radio Club - Kanagawa, Japan  
Audrain Amateur Radio Club - Mexico, MO  
Austin Amateur Radio Club - Austin, Texas

# Fairbanks Hamfest Experience

By Walter Yankaukas, KL7WY

I went to a Hamfest at the other AARC in Alaska, the Artic Amateur Radio Club in Fairbanks on August 11, 2018

The Hamfest ran from 9 AM to around 3 PM and was held at the Associated General Contractors of Alaska building. They used two large rooms and a kitchen. The main room had four rows of folding tables. There were no commercial vendors, but there were stacks of catalogs and literature from the ARRL, Icom, Yaesu, MFJ and a few others. There were some free logo baseball caps and shirts (if you were size 2XL or larger). Three or four people had used gear for sale. Antennas, meters, handhelds, coax cables, rotators, transceivers and boat anchors. There was a small vertical on a tripod with 3 radials located outside that was feeding a radio and computer that was running FT8 and picking up the lower 48.

They had a web cam set up and were live streaming the presentations. A VHF radio was tuned to the club repeater

Eric Nichols, KL7AJ was the Hamfest coordinator and gave a presentation on Low Frequency operations. The US has recently allocated some LF bandwidth, while Europe has had it for years. Eric is from North Pole, and has written lots of articles and a couple of ham radio books. One of which is the ARRL book on propagation. He gave a pretty good explanation of how you can pull LF signals out of the noise.

Craig Bledsoe also came up from Anchorage. He gave a presentation on satellites. We went outside and were able to contact the other side of the building via satellite! We also talked to Kenai, just using a handheld. Since this was about the sixth satellite demonstration that I've seen, I'm inspired to build my own handheld antenna to try out this stuff. I am now the proud owner of a 3/4" by 3/4" by 8 foot stick of hemlock. All I have to do is add the electronic stuff.

Craig gave another presentation about the Boat Anchor Project based in Nevada

Chris Fallen from the Geophysical Institute at UAF and HAARP stopped by.

I'd guess that there were at least 40 people there during the day. The AARC had their General Membership Meeting and Elections. The elections were typical for Alaska. A couple of people volunteered to be on the Board of Directors. One position is unfilled. Someone that wasn't present, but that they were pretty sure that they had agreed to run, was voted to a position. 18 people voted. There were non-voters in the room and we could hear other voices from the main room.

It was a fun day. Lots of friendly people



# Let's Man the RSOC!

By [KENT PETTY](#)

A long-term goal for our awesome Radio Science and Operations Center is to man operations floor 24 hours per day. Whoa! That's a tall order!

To get this rolling, we can start in a limited way by having someone on-duty each evening to participate in the evening state-wide and local nets. If you are a general or extra class operator, would you be willing to help? This, of course, would include checking into the Sniper's Net, the Bush Net, and the Motley Net on HF, maybe linking with AL7N on CW for the Alaska CW net, and then participating in the various VHF/UHF nets that take place throughout the week.



If you have an interest in taking a shift, are willing to get trained up on the current equipment capabilities, and just want to have some fun, please let us know.

Drop me a line at [vicepresident@kl7aa.net](mailto:vicepresident@kl7aa.net) so we can talk more about how you can help.

Thanks and 73,

Kent, KL5T

## Volunteers – Please Log Your Time!

By Kent Petty, KL5T

Volunteerism is a huge part of our club's culture. It's probably the most important thing we do, and it really should not go unnoticed. One of the best ways to ensure that volunteer efforts don't go unrecognized or unrecorded is to record donated service at the time it is performed. This ensures that volunteer efforts are captured for financial reports, lessens the likelihood of the volunteer effort falling through the cracks and going unnoticed, helps identify and objectively rank volunteer service deserving of special recognition, and can actually help greatly when we apply for grants.

We should be tracking our volunteer time for a long list of club-related activities. Some include club board activities, emergency communications training and support, general club station support, public service communications support, VEC related activities, and more.

Go to: <https://kl7aa.org/> and click on the Volunteers-Please log your Time!

# VEC Report

By Kent Petty, KL5T

VEC Session Summary, August 2018										
Location	# Sessions	# Tested	Licensed / Upgraded	New License	Upgraded License	Passed Elem	Failed Elem	Tech	Gen	Extra
Anchorage	1	5	5	2	3	6	3	1	3	1
Cordova	1	5	2	0	2	2	3	0	1	1
Fairbanks	1	0	0	0	0	0	0	0	0	0
Sitka	0	0	0	0	0	0	0	0	0	0
Totals	3	10	7	2	5	8	6	1	4	2

## 12 Month Summary

Tot Sessions 12 mths	51
# People Tested	176
# Exams Taken	229
# Exams Passed	149
# Exams Failed	80
# New Hams	75
# Upgrades	61

Please remember to check the “store” on our website to purchase your seat at a testing session. VEs are prohibited from accepting cash, checks, or other forms of payment at test sessions. Examinees need to be sure to show up with their “receipt” in hand, or otherwise present a copy of the receipt in electronic form to be permitted to test. To summarize, all purchases for testing must be made online at our website.

Of note this month is that we had a remote testing session for Cordova on 8/6 from Anchorage. This was a combo session where the Cordova team tested the technician examinees, and the Anchorage team handled the Generals and Extra examinees. There were 3 Cordova VEs and 3 Anchorage VEs. Thanks to Kathy, Lorraine, and Lara for making it happen.

Brandin Hess, AL6I will start leading exam sessions in Kodiak soon. Sessions are already planned for Kodiak on 11/5/2018 and 10/2/2019, Brandin will be traveling back and forth between Kodiak and Maine for the next year. After September 2019, he will be in Alaska permanently and will offer testing in Kodiak on a monthly basis.

Since the AARC no longer derives its funding for the VEC program from gaming activities, we are no longer bound to provide testing services only in Alaska. As a result, Brandin, AL6I also desires to offer testing with his club back in Maine using the Anchorage ARC VEC. A VE team is already being assembled and testing dates have been established in Caribou, Maine for 9/19/2018, 11/14/2018, 2/20/2019, 5/5/2019, 8/21/2019, and 10/2/2019. Test kits are already on site in Caribou.

Our VE application process and testing have gone online. There will be no more paper applications. Folks who want to join our VE team simply need to go to our website and apply. Once the application is reviewed and the applicant determined to be eligible to become a VE, the applicant is sent a link to complete the test online. Check out the AARC VEC webpage for more info.

# VEC Report (continued)

By Kent Petty, KL5T

## **Anchorage ARC VEC Website:** <https://kl7aa.org/vec/>

Scheduled testing sessions are held in Anchorage, Fairbanks Kodiak, Sitka, and Caribou, Maine as follows:

### **Anchorage, Alaska**

AARC Radio Science and Operations Center (RSOC)  
6721 Raspberry Road, Anchorage, AK

When: Second Saturday of each month at 2:00 PM

Contact: Kathleen O'Keefe, KL7KO, 907.351.3538, [koalaska@gmail.com](mailto:koalaska@gmail.com)

### **Caribou, Maine**

United Veterans of Maine

358 Washburn Street, Caribou, ME

When: Check with contract / check website

Contact: Brandin Hess, AL6I, 207.2496.8802, [icebox86@arcticmail.com](mailto:icebox86@arcticmail.com)

### **Fairbanks, Alaska**

Far North CB Radio Plus Building

3451 College Road, Fairbanks, AK

When: First Saturday of each month at 1:00 PM

Contact: Mike Perry, AL7F, 907.590.7215, [patperry@gci.net](mailto:patperry@gci.net)

### **Kodiak, Alaska**

Kodiak Assembly of God

3416 Woodland Drive, Kodiak, AK

When: Check with contact / check website

Contact: Brandin Hess, AL6I, 207.2496.8802, [icebox86@arcticmail.com](mailto:icebox86@arcticmail.com)

### **Sitka, Alaska**

Sitka Fire Department

209 Lake Street, Sitka, AK

When: First Saturday of each month at 12:00 PM

Contact: Darryl Ault, AL7BW, 907.738.4539, [darrylault@yahoo.com](mailto:darrylault@yahoo.com)

Testing teams are also available in Bethel, Cordova, Homer, Juneau, Kenia/Soldotna, Kodiak, and Valdez and are scheduled on an as-needed basis. Check our website for info and updates.

73,

Kent Petty, KL5T

Chairman, Anchorage ARC VEC



# Anchorage ARC VEC No Longer Restricted to Alaska

By [KENT PETTY](#) , KL5T

Effective 8/21/2018, the Anchorage ARC VEC is no longer restricted to conducting VE testing sessions inside the State of Alaska. For many years, such a restriction has been in place due to rules relative to our State of Alaska Gaming Permit. These restrictions no longer apply.

While we don't intend to offer wide-spread VE services in other states, it is an option for some. For example, we do have one group in the state of Maine who will be using our services shortly. We are in the process of building a VE team for that area.

And while we are on the subject of team building, the application process to become a VE for the Anchorage ARC VEC has gone online. Applicants will now complete an online form to start the process. Once we've verified that they are indeed eligible to become a VE, they will then complete an open-book examination online. The purpose of these changes is to streamline the process and to decrease the time it takes to certify VEs. [Click here](#) to learn more about how to become a VE with the Anchorage ARC VEC.

## Anchorage ARC VEC Builds Caribou, Maine VE Team

By [KENT PETTY](#) , KL5T

The Anchorage ARC VEC has built a team of VEs for our Caribou, Maine testing offerings. The team is lead by Brandin Hess, AL6I, and includes Dana Jones, N1RTX, as well as Corey Sheldon, KN4FTO. The first session is scheduled for September, 19 at the United Veterans of Maine located at 358 Washburn Street in Caribou. Testing will start at 5:30 pm.

Learn more and/or register for the test session by [clicking here](#).

Thanks Brandin, AL6I for taking the lead on this!

# Tough Times Glossary

By George Wilkinson II, KL1JJ

## **Tough Times Glossary #13** (see #1 through #12 in previous issues of the newsletter)

This installment covers some more of those words that are in common use but are commonly used wrong. For instance, hams seldom talk about strategy because our clients deal with that. We use the word tactical quite a bit though.

### **Strategy:**

The general plan or direction selected to accomplish incident objectives and requiring an overview of the entire incident or set of incidents.

[Greek *strategia* generalship {*stratos* army}, fr. *strategos*]

### **Tactics:**

Deployment and direction of specific resources to accomplish specific objectives designated by the relevant strategy.

[Greek *taktik* the art of deploying forces in war, fr. *tassien* to arrange]

Tactics can include assignment of radio shadows for officials, to the deployment and even pre-deployment of specific equipment assets. Tactical decisions are made in support of a strategic decisions.

### **Standard operating procedure (SOP):**

Specific instructions clearly spelling out what is expected of an individual every time they perform a given task. A standard operational procedure can be used as a performance standard for tasks that are routinely done in the operational environment.

### **Protocol**

A set of established guidelines for actions under various specified conditions.

[L *protocollum*, fr. Gk *protokollon* first sheet, fr. *protokollma* sheets of papyrus glued together [fr. *protos* first + *kollan* to glue together, fr. *kolla* glue]]

One should note that SOPs and protocols for accomplishing the same function may vary greatly depending on the season and other operational considerations.

After a disaster most hams would be 'tip-o-the-spear' communicators; tactics would be the name of the game. A few operators would be involved with strategic communications in the incident command communications center, messaging from Red Cross centers, or as part of the National Traffic System.

## Tough Times Glossary #14

### Event

Something that takes place; a significant occurrence or happening.

[Latin *eventus* to happen]

Events are usually planned non-emergency activities, e.g., sporting events, parades. They are, however, all too often hazardous and catastrophic, such as a hazmat incident or a tornado.

### Incident

A discrete event that interrupts normalcy, precipitates a crisis, and requires a response to protect life and/or property.

[Middle English, from Old French apt to happen, an incident, from Latin *incidere* to happen, *in-* on + *cadere* to fall]

An incident can be straight line winds (micro-bursts) tearing through a town, or a shelter resident who is off her meds and needs to be subdued.

### After-action review:

A focused retrospective examination of an event with a critical eye on performance standards.

[Old French *revue*, *review*, from feminine past participle of *reveoir*, *to see again*, from Latin *revidēre* : *re-*, *re-* + *vidēre*, *to see*]

An after-action review should not be confused with individuals who were involved in an event writing individual after-action reports. That said, an after-action review must produce an after-action report. All participants must be honest because it is for posterity.

So, incident is a subset of the superset event, and an after action review is where we spill the beans (on the other guys).



# Have you signed up?

(Fred Meyer can be done via Internet)

Here are two ways you can help fund our Anchorage Amateur Radio Club. Both are really easy on your part. Please consider doing both options, if you haven't signed up, please do.

## **Fred Meyer will give us money!**

All you have to do is shop there and sign up AARC as your non-profit beneficiary. Once you sign up, a portion of every purchase you make is donated to AARC. There is no increase to you for your purchase by declaring AARC as your beneficiary. Currently there are three individuals signed up for this worthy cause. Let's see if we can make it 100%.

You still earn your Rewards points, Fuel Points, and Rebates just as you do today.

The AARC's Fred Meyer non-profit number is 94846.

If you don't have a Fred Meyer Reward Card, they are available at their service desk.

Tell your family, friends and neighbors about this opportunity too.



## **Amazon Smile will give us money!**

If you do shopping on-line at Amazon, you can designate AARC as your charitable organization. Amazon will donate 0.5% of your purchase to AARC. Log-on to:

<https://smile.amazon.com/ch/23-7225693>

For more information.

## AARC is Accepting Credit Cards!

AARC can accept your credit card for payment (via Square Reader) of dues and donations. See Kent KL5T at the next club meeting, club working Wednesdays or board meeting. Note that accepting credit card payment via our web-site is still in progress.

Now may be the time to renew your membership; don't forget!

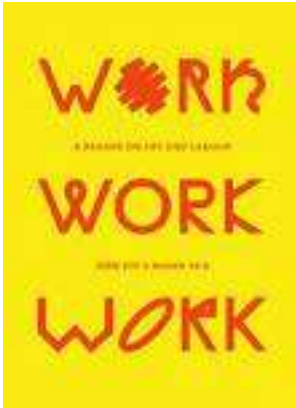
Thanks Kent KL5T, for setting this up



# Time to sign-up to help with these projects!

## Saturday Work Sessions 10AM to 3PM

(don't forget working Wednesdays too: 6:30PM to 9:00PM)



We need everyone's efforts for the following projects that have been identified. Contact the individual indicated to coordinate the work on these projects.

Project or Activity Need	Description	Contact
ARES - Anchorage Department of Corrections Emergency Coordinator	We need a lead person to coordinate support for the Anchorage area State of Alaska Department of Corrections emergency communications needs. An MOU is in place. We need a point person. Ready to get involved?	KL5T
ARES - Membership on Critical Resources Teams	Become a member of a team supporting a critical communications resource or served agency. We do need your help.	KL5T
Assist with donated tower take-downs and removals	Are you willing to assist with tower dismantling? We always need help. Are you willing to be a tower or ground crew member?	KL5T
<del>Assist with removal and disposal of "dead lead" (old batteries)</del>	<del>These need to be hauled away periodically. Can you be the dead lead leader?</del>	<del>KL7TS</del>
Build Worktop for Operating Table for MTV	The MTV uses a 2' x 4' portable table as a work top. It would be enlarged somewhat by building a 2' x 6' top that sits securely overtop. Do you have some woodworking skills?	KL7MM or KL5T
Cable Crimp Tool God / Goddess	We have a lot of crimp tools that need to be characterized, instructions provided, and training to be provided on their use. A worthwhile project. Are you up for it?	KL7TS or KL5T
Club Antenna Analysis, Characterization, and Repair	Evaluate antennas on the shelves for resonant frequency (ies), structural integrity, label, and store. Use the club's AIM antenna analyzer to characterize.	KL7TS or KL5T
Club Member Antenna Sweep and Analysis	Visit club member's home stations to sweep antenna systems with club's AIM antenna analyzer. Also check mobile systems.	KL7TS or KL5T
Club Work Shop Organization and Storage	We need to get the work shop area organized so it is more functional and looks like a professional shop. Are you a great organizer?	KL7TS
Document Scanning	Lots of club documents need to be scanned. Any help would be appreciated	AL2R or KL7GD

Continued on the next page

Project or Activity Need	Description	Contact
Equipment Inventory and Management	Assist Vice President with equipment inventory, labeling, and database management.	KL5T
Front Office Organization and Storage	The club's office needs to be organized. Shouldn't be too difficult a job, just needs to be tackled.	KL7TS
Garage Organization and Storage	Need some real help here. If we can get this space organized it will make a real difference being able to get work done.	KL7TS
Hand and Power Tool Organization	Organize all hand and power tools at the club station. Many tools need to be labeled with ID numbers and added to the inventory.	KL7TS
LCD Monitor Repair	An LCD monitor needs repair. It needs a couple capacitors replaced. An instructional video for the repair is available. This is a good novice project.	KL5T
Manager the Club's Facebook Page	Yep, we are on Social Media and really need someone to manage our Facebook page. Can you help?	AL4S, KL5T, or KL7M M
MESH Network - File Server	Develop a file server for the MESH network using a Raspberry Pi. Systems are in place as examples.	KL5T
<del>MESH Network - PBX</del>	<del>Assist with MESH system Raspberry Pi telephone server (PBX).</del>	<del>KL5T</del>
<del>Mezzanine Organization and Storage</del>	<del>This is our primary long storage area and really needs to be cleaned up. Can you help?</del>	<del>KL7TS or KL5T</del>
MTV Equipment Outfitting	We need to get our MTV Properly outfitted so it can deploy and operate on a moment's notice. Can you work with our Heavy Rolling Stock Manager to assist?	KL7M M or KL5T
Project or Activity Need	Description	Contact
Portable Deployable Kit Manager	We need someone to manager our deployable kits. These include simple portable voice stations, packet stations, crossband repeater units, and MESH units in the future. This is a cool job!	KL5T
Reprogram Portable 440 MHz Portable Repeater Morse IDer	We need to reprogram the Morse IDer in our portable 440 repeater. We've got the keypad to do the job, but need someone to champion the effort.	KL7TS or KL5T
RF Cable Labeling	Characterize and label all active and available antenna feedlines using club's cable labeler.	KL7TS
RFI Team Lead	The club has some excellent RFI detection equipment. We need to get it into service on a regular basis. How would you like to lead the effort to track down the countless sources of harmful interference in Anchorage?!	KL7TS or KL5T
WX3in1 Plus 2.0 APRS Digipeater / I-Gate	Configure hardware, set system parameters, and install the club's WX3in1 Plus APRS unit at AARC hillside site located at KL7QN's residence.	KL5T

Join us on “working Wednesdays” or **Saturday Work Sessions (10AM to 3PM)** for an opportunity to have “eye-ball” QSOs and get a project completed!



ANCHORAGE AMATEUR RADIO CLUB  
BOARD MEETING  
July 17, 2018  
Radio Science Operation Center (RSOC)  
6721 Raspberry Road  
Anchorage, AK  
**APPROVED**

The meeting was called to order at 7:01 PM by President Lara Baker AL2R

A quorum was established

**BOARD MEMBERS PRESENT:**

Lara Baker AL2R, Alice Baker KL2GD, Jill Heimke WL7BTT, Lil Marvin KL7YF, Dave Heimke AL7LO, Kent Petty KL5T, Richard Tweet KL2AZ, T.J. Sheffield KL7TS, Keith Clark KL7MM.

**BOARD MEMBERS PRESENT VIA TELECONFERENCE:**

Rich Gillin AL4S, Dave Webb N9AIG

**NON-VOTING MEMBERS/GUESTS PRESENT**

Allen Abbott KB1QCE, Walter Yankanskas KL7WY

**EXCUSED BOARD MEMBERS**

None

**UNEXCUSED BOARD MEMBERS**

Jim Wiley KL7CC

**REQUEST FOR AGENDA ITEMS/CHANGE IN ORDER**

New Checking Account for Temporary Restricted Funds

Tower Assistance

Hamfest

**GUESTS**

None

**TIME CRITICAL ITEM(S)**

None

**REPORTS**

**SECRETARY REPORT**

The minutes for the June 2018 Board meeting were presented. Motion made by Keith Clark KL7MM, seconded by Alice Baker KL2GD to accept the minutes. The motion passed unanimously.

**TREASURER'S REPORT**

Jill Heimke WL7BTT reported that all bills are paid except bill to be presented during the Gaming report. Jill also reported on working with Brandon Clark on QuickBooks accounting structure, tracking of grants and restricted funds, status of Block grant, general and administrative costs associated with grants, and grant close out requirements.

## **FINANCE COMMITTEE**

Keith Clark KL7MM reported there is again no new developments in the restitution case, presented the AARC spending graph, and reported on the Grubstake repeater, asset clean up tasking, donation credit and accounting services bidding.

## **PROJECTS COMMITTEE**

T.J. Sheffield KL7TS noted that there are no funded projects for this year and presented the AARC spending chart and forecast. Kent Petty KL5T thanked T.J. for his funding and involvement with the club gin pole repair/replacement and associated AB105 parts. Discussion was held on the layout of the spending chart, building costs, possible costs associated with Grubstake shutdown/removal and repeater control. The pending shutdown of the Grubstake repeater will continue to be announced on the Thursday ARES net.

## **GRANT COMMITTEE**

Lara Baker AL2R reported the grant application to fund a major portion of the Ken Miller Fundraising has been submitted.

## **FUNDRAISING COMMITTEE**

Dave Heimke AL7LO reported on prep work for the Ken Miller Fundraising grant application and noted an increased workload is coming in conjunction with fundraising. Discussion was held on the fundraising committee meeting schedule and calendaring of events.

## **GAMING COMMITTEE**

Lara Baker AL2R reported that the AARC has an email from Alicia Maltby requesting payment in the amount of \$2032.57 for its share of the final accounting bill relating to Boniface Bingo. Lara will request an itemized bill and write a letter informing parties that this is the last monies that will be available from the AARC in relation to any Boniface Bingo expenses in the future. Motion made by Keith Clark KL7MM, seconded by T.J. Sheffield KL7TS that the Finance Committee, with regular attendees, will review the requested itemized bill and with the Finance Committee's approval will approve payment to be completed by the Treasurer. Motion carried unanimously.

Lara reported on parties interested in using the AARC gaming permit.

## **BUILDING COMMITTEE**

Dave Heimke AL7LO reported there has been one committee meeting and they are working through the action items. Dave reported on the alder patch removal, building work and anticipated more regular meetings moving into fall.

## **MEMBERSHIP COMMITTEE**

Rich Gillin AL4S reported that since June 1<sup>st</sup> there have been 7 renewals and he is working on updating the current membership list and expects the final number to be around 140. Discussion noted the requirement to be an Alaska resident to participate in the AARC election.

## **EDUCATION COMMITTEE**

Dave Heimke AL7LO reported 4 classes have been posted. To date, 6 people are interested in the Technician class, the Kit Building class for Thursday has 3 people signed up, the Radio Camp is scheduled for August 18 with more information to follow and the 10 week General class is scheduled to start in mid-September. Dave noted the committee is soliciting for instructors interested in teaching formal classes. A brief discussion was held on Home School opportunities.

## **ELECTION COMMITTEE**

Richard Tweet KL2AZ briefed the Board on 2 committee meetings to date and requested, per the AARC Bylaws and Rules of Procedure, the Board's determination of how the election is to be held. A lengthy discussion including timeliness and cost noted differing methods of holding the election was held. Motion made by Alice Baker KL4GD, seconded by Dave Heimke AL7LO that the election (if required, for contested seats) will be held by the showing of hands at the October Membership meeting and that those unable to attend to vote will provide a phone number for 2 Board members to call and gather the votes telephonically at least 2 days prior to the October Membership meeting. The motion passed with no objections and one abstention.

The AARC Board will present a slate of candidates for the open positions at the September Membership meeting, at which time additional nominations will be taken from the floor. This process will determine the requirement for holding an election.

## **EQUIPMENT REPORT**

Kent Petty KL5T reported equipment donations to AARC and requested assistance with taking donated towers down. Kent reported on Jim Wiley KL7CC's desire to donate equipment, an 80' tower donation in Nikiski by Hillcorp, estate donated equipment and installation at Anchorage Senior Center.

## **VE REPORT**

Kent Petty KL5T reported on the VE in Kodiak and possible testing there. Kent briefed the Board on remote testing to possibly include out of state as rules allow, to which there was no objection, and current test kit count and makeups.

## **TRUSTEE REPORT**

Keith Clark KL7MM reported that Field Day logs have been submitted.

## **ARES**

Kent Petty KL5T reported that he has created an ARES registration/application via Google Forms and encourage all to register.

## **OLD BUSINESS**

**AARC Board vacancy** – Motion made by Keith Clark KL7MM, seconded by Jill Heimke WL7BTT to appoint Matt Ostrander KL4QH to the position vacated by Dan Knapp through 2019. The motion carried unanimously.

## **NEW BUSINESS**

**New Checking Account for Temporary Restricted Funds** – Motion made by Alice Baker KL4GD, seconded by Richard Tweet KL2AZ to authorize opening this account and authorizing the President and Treasurer to sign any motions required and maintain the same signers as the existing bank account. The motion passed unanimously.

**Hamfest** – Dave Heimke AL7LO briefed the Board on the upcoming Hamfest to be held on September 22<sup>nd</sup>.

**August Membership Meeting Presentation** – The presentation will be Living with Bears and the meeting will be followed up with T.J. Sheffield presenting the Tech Talk.

## **ADJOURNMENT**

The meeting adjourned at 9:02pm.

Respectfully submitted as recorded on 07/17/2018 by Richard Tweet KL2AZ, Secretary



ANCHORAGE AMATEUR RADIO CLUB  
MEMBERSHIP MEETING  
August 3, 2018  
Radio Science Operation Center (RSOC)  
6721 Raspberry Road  
Anchorage, AK

**APPROVED**

**Call to Order**

The meeting was called to order at 7:00 PM by President Lara Baker AL2R. A quorum was established (21 signed in). Members and guests introduced themselves.

**Business**

Lara Baker presented and explained proposed AARC Bylaw changes which were previously presented to the members at the June Membership meeting and called for a vote on the changes. Sections with proposed modifications are:

**Article 2, section 2.1** – modifying the number of directors to include 2.2 language referencing Past President.

**Article 2, section 2.2** – modifying Past President language

**Article 2, sections 2.9, 2.9.1 and 2.9.2** – Deleted as no longer applicable

**Article 3, section 3.2.1** – Added language indicating the President and Secretary will stand for election in even numbered years and the Vice President and Treasurer stand for election in odd numbered years.

**Article 3, section 3.2.2** – Added language to extend the term of the Vice President and Treasurer for one year without election.

The Bylaw changes passed as presented unanimously.

Matt Ostrander KL4QH was introduced to the membership as the member selected to fill a vacant AARC Board position and was approved to the position unanimously.

**Presentation**

Ellen Grover, a Wildlife Educator with the Alaska Department of Fish and Game Wildlife Conservation division gave a very interesting presentation on “Living with Bears”. Ellen had spent the previous 5 years at Denali Park and recently relocated to Anchorage. She noted there are an estimated 350-400 Black bears and 65 Brown bears between Knik and Portage. Being loud, wearing bear bells, leashing your dog or leaving it at home, using your voice, traveling in groups, and having situational awareness were all presented as good practices in bear country to avoid encounters. Ellen noted proper use of bear spray, including discharging when the bear is within 15-20’ and not to discharge the full container all at once, leaving some in reserve. Some facts presented were that there are 2 types of bear attacks, Defensive attacks which account for 75% of bear attacks and Predatory attacks which account for 10%. Never run from a bear as you instantly become prey to a bear. There are an average of 3 fatal bear attacks in the United States per year in comparison to 90 fatal bee attacks. Bears can become habituated (where they become used to people) or food conditioned (where they are used to getting their calories from where people are). Bears are attributed with having the intellect of a 5 year old child.

Ellen also gave a brief presentation on Moose safety. A couple of points were made that moose are more dangerous in the spring when they have their calves and if you have a confrontation with a moose, Run Away and try to put something between you and the moose such as a car, rock or even a tree.

## **DOOR PRIZES**

3 Door prizes were awarded.

Kent Petty KL5T reminded the membership to register on the ARES link of the AARC website.

The meeting adjourned at 8:13pm and was followed by a 30 minute Tech Talk on maximizing operation of a handheld in a public service event by T.J. Sheffield KL7TS. These Tech Talks will occur after every Membership meeting at the RSOC and will generally be 30 minutes long.

Respectfully submitted as recorded on August 2, 2018 by:

Richard Tweet KL2AZ, Secretary



# Monthly Events



**1st Thursday each month: AARC general meeting - 7:00 PM** in the Radio Science and Operations Center (RSOC) Building at 6721 Raspberry Road, Anchorage. Talk in will be on 147.33+ repeater.

**1st Thursday each month: Moosehorn Amateur Radio Club General meeting - 7:00 PM** Location is at Borough Emergency Response Center on Wilson Way in Soldotna (behind Soldotna FD. Call for directions on 146.88 repeater (no tone). Moosehorn ARC also holds a weekly luncheon every Thursday, locations and times change — contact George Van Lone, KL7AN: [donnav@acsalaska.net](mailto:donnav@acsalaska.net)

**2nd Saturday each month: PARKA (Polar Amateur Radio Klub of Alaska) Meeting at 11:00 AM.** Polar Amateur Radio Klub of Alaska. All amateurs welcome. Denny's on Denali Street in Anchorage. Some business is discussed. Originally established as an all woman organization, membership now includes spouses or significant others. Talk in on 147.30+.

**2nd Saturday each month (except for holidays): VE License Exams at 2:00 PM.** at RSOC 6721 Raspberry Road. Be sure to bring photo ID, copy of license (if any) and any certificates of completion. Contact:

Kathleen O'Keefe, KL7KO, 907.243.4675, [koalaska@gmail.com](mailto:koalaska@gmail.com)

**3rd Tuesday each month: AARC Board Meeting at 7:00 PM at the Radio Science and Operations (RSOC) building. All hams are invited and encouraged to attend.**

**1st Tuesday of each month: EARS general meeting at 6:00 PM.** EARS meetings are held at the EARS shack location. Contact info - Pat Patterson WL7PP for information. EARS: 552-2664 (recording); Talk in on 146.67-. Email: [club@KL7air.us](mailto:club@KL7air.us) or [kl7yk@arrl.net](mailto:kl7yk@arrl.net)

**4th Saturday of each month: Valley VE Testing at 7:00 PM.** Sessions will be held at Fire Station 61, at 7 pm on the fourth Saturday of each month unless it is a major holiday weekend. Contact Ken Hudson, KL2HF, [Kenputer@hotmail.com](mailto:Kenputer@hotmail.com) or 907-354-0206.

**The last Friday each month: MARA meeting at 7:00 PM, Wasilla Fire Station 61.** Talk-in help for the meeting can be acquired on the 147.33 repeater. Further details can be found by contacting Don Bush, KL7JFT, [dbush@gci.net](mailto:dbush@gci.net).

**Every Monday at 11:00 AM: Meeting of interested Amateur Radio Operators** — and lunch at Denny's on DeBarr — across from Costco. Many code and HF operators attend this function. Come talk radio. For information, contact Kathy O'Keefe, KL7KO, [kokalaska@gmail.com](mailto:kokalaska@gmail.com)

**Every Saturday at 7:00 AM:** Meeting of a group of Amateur Radio Operators at Village Inn on Spenard Road for breakfast. Topics? Radio, photography, and upcoming events For information, contact Kathy O'Keefe, KL7KO, [kokalaska@gmail.com](mailto:kokalaska@gmail.com).

## Active Nets in Alaska

### VHF NETS

The local VHF Nets have a Packet side as well. Look for 2 meter Packet at 145.01 (Eagle) and 147.96 (Valley). The Eagle and Valley nodes provide a talk” or chat function. Also, if you are unable to connect directly to one of the nodes, try digipeating through EARS on either frequency. Do this by typing *c eagle v ears* or *c valley v ears* on the appropriate frequency. Check [www.KL7AIR.us](http://www.KL7AIR.us) for more information on the digipeaters.

**ARES Net:** 147.33 w/ 103.5Hz tone (Backup 147.30 w/ 141.3Hz tone) —Thursdays at 8:00PM

**No Name Net:** 146.43 simplex—Sundays 8:00PM

**South Central Simplex Net:** 146.52 FM, 144.2 USB, 446.0 FM, 432.2 USB, 223.5 FM, 927.5FM, 1294.5 FM, 52.525 FM, 50.125 USB, 29.6 FDM, 28.4 USB, 145.01 Packet (Eagle Node), 147.96 Packet (Valley Node) - Tuesdays 8:00PM

**Alaska VHF Up Net:** 144.200 USB—Saturdays 9:00 AM

**Alaska Morning Net:** The Alaska Morning Net is held Monday through Saturday from 9:00 AM—11:00 AM on the IRLP Reflector 9109. This net can be reached via several hosting nodes in the area. Please visit [www.status.irlp.net/index.php?PSTART=2&mode=3](http://www.status.irlp.net/index.php?PSTART=2&mode=3) to find the closest node. Also the net can be reached via EchoLink on 9191 (WL7LP-R) and Allstar nodes 27133 and 29332. The Alaska Statewide ARES net is held on Thursday evenings at 8:30pm (following the Anchorage ARES net) at the same locations and also the 8:30pm Sunday evening Alaska Statewide Radio Link.

### HF Nets

**Alaska Snipers Net:** 3.920 MHz 6:00pm daily

**Alaska Bush Net:** 7.093 MHz 8:00pm daily

**Alaska Motley Net:** 3.933 MHz 9:00pm daily

**ACWN (Alaska CW Net):** 3540 kHz, 7042 kHz, 14050 kHz Non-directed, CW calling and traffic watch for relaying NTS of other written traffic. AL7N monitors continuously receivers always on WL2K. (RMS connection available— [AL7N@winlink.org](mailto:AL7N@winlink.org))

**Alaska Pacific Net:** 14.292 MHz 8:30am M-F

**ERC HF Net:** 3.880 MHz 8:30pm Sundays





DATA YOU CAN USE				
Frequency	Tone	Callsign	Features	Area
147.18-	88.5	ADES		JBER
146.88-	no tone	AL7LE	Phone patch	Kenai/Soldotna
146.82-	103.5	WL7CWE	IRLP	Anchorage
146.76-	123.0	KL3K	IRLP	Seward
146.94-	103.5	KL7AA	Phone patch	Anchorage to Wasilla
224.94-	no tone	KL7AA		Anchorage
444.70+	103.5	KL7AA	Phone patch	Anchorage
146.67-	103.5	KL7AIR	MARS station	Anchorage & Highway N
147.30+	141.3	KL7ION		Very Wide Area
146.85-	103.5	KL7JFU	Cross Banded to 444.600	Mat Valley
444.6+	103.5	KL7JFU	Cross Banded to 146.85	Mat Valley
146.91-	no tone	KL7JL		Homer
147.15+	107.2	NL7S		Wasilla
147.84-	103.5	WL7CWE		Wasilla repeater
147.33+	103.5	WL7CWF	Cross linked to 443.900	Very Wide Area
443.900+	103.5	WL7CWF	Cross linked to 147.33	Very Wide Area

South Central Area Simplex Frequencies	
146.52	National Calling and Emergency Frequency
147.57	DX Spotting Frequency
146.49	Anchorage Area Simplex Chat
146.43	Mat-Su Valley Simplex Chat
147.42	Kenai Peninsula Simplex Chat

WinLink Information		
144.9	WL7CVG-10	Anchorage Area RMS
145.19	KL7JFT-10	Palmer/Mat-Su RMS
147.96	KL7EDK-10	Fairbanks RMS
144.9	WL7CVG-4	South Central Digipeater
144.98	KL7AA-10	Anchorage AARC RMS



# September 2018

**Sun      Mon      Tue      Wed      Thu      Fri      Sat**

						<b>1</b> AARC Working Saturday at RSOC 10-3
<b>2</b>	<b>3</b> Labor Day No Fundrais- ing Committee	<b>4</b>	<b>5</b> 6 PM AARC Working Wed. at RSOC	<b>6</b> AARC Mem- bership Mtg ARES Net	<b>7</b>	<b>8</b> AARC Working Saturday at RSOC 10-3
<b>9</b> ARRL VHF Contest Sept 8,9,10	<b>10</b> 7pm AARC Finance com- mittee Meeting	<b>11</b>	<b>12</b> 6 PM AARC Working Wed. at RSOC	<b>13</b> ARES Net	<b>14</b>	<b>15</b> AARC Working Saturday at RSOC 10-3
<b>16</b>	<b>17</b> 7pm Fundrais- ing Committee	<b>18</b> 7 PM AARC Board Meeting	<b>19</b> 6 PM AARC Working Wed. at RSOC	<b>20</b> ARES Net	<b>21</b>	<b>22</b> Open House no Hamfest at RSOC 10-3
<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b> 6 PM AARC Working Wed. at RSOC	<b>27</b> ARES Net	<b>28</b>	<b>29</b> VOAD/ AARC joint exercise Eagle River +W.S. RSOC 10 to 3
<b>30</b> VOAD/AARC joint exercise Eagle River						

# Swap 'n Shop

Please watch the AARC web-site for new information between newsletters:

<http://kl7aa.net/swap-n-shop>



I have two items for sale. Prices are firm

Icom706 MK2G Radio is in good shape. It does show signs of wear \$500.00

Ameritron 811H Amp. This amp maybe has 6 hours on it. There are some scratches on the top \$625.00

Not sure if I Have the manuals for both items. I will look.



Mathew Notte

Contact [notte142@gmail.com](mailto:notte142@gmail.com)

Phone Number 907-885-1185

## Swap 'n Shop (continued)



Kenwood TS-450S. Tested: 100 watts output. Fully adjustable down to zero watts for QRP and digital modes. This radio has the built in antenna tuner. Mike and power cord not included.

### Features

- 160-10 meters
- AF Notch
- CW Reverse
- 100 Memories
- Dual Mode NB
- XIT/RIT
- IF Shift
- Keypad Entry
- All Mode Squelch
- RF Speech Processor

### Latest Update from Jim, AL7FS

I have found the **microphone, now included**. Also this package will include a DVD with the Operators Manual AND the Service Manual.

The **Kenwood TS-450S** is a formidable transceiver covering 160 through 10 meters including the WARC bands with 100 watts input (40W AM). The TS-450S supports many advanced features such as keypad entry, VOX, 100 memories, XIT, RIT, Notch, IF Shift, Squelch and digital meter. This radio has a carry handle. Requires 13.8 VDC at 20.5 Amps.

\$400 with pickup only in Anchorage.

Jim Larsen, AL7FS

1-907-223-3548



# **Commercial Advertisers**

## **Please watch this space!**

The AARC is going to start selling commercial ad space to support the AARC. Please consider our AARC advertisers with your next purchase; what you're looking for may be right here in Alaska.

If you have any favorite radio parts suppliers or any commercial businesses that you know others in the AARC would benefit from, please write to [editor@KL7AA.net](mailto:editor@KL7AA.net); I will approach the business.

**Thank-you**

If you have anything you'd like included in the next newsletter such as items for sale, articles, questions, etc. email *editor(at)kl7aa.org*

## **Your current AARC Board/Officers**

President	Lara Baker AL2R	president(at)kl7aa.org
Vice-President	Kent Petty KL5T	vicepresident(at)kl7aa.org
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