

Anchorage Amateur Radio Club Newsletter



Next General Meeting
May 3, 2018
Radio Science and Operations
Center (RSOC) Building - 7:00pm
6721 Raspberry Road
Anchorage, AK



Go Kits (from front page)

By Allen Abbott, KB1QCE

This is the theme of the May 3, 2018 general membership meeting to be held at RSOC. Bring your Go Kit and share ideas about Go Kit content with other Hams. We will have a scavenger hunt where you will earn 1 door prize ticket for having selected items in your Go Kit. Go Kits must be small enough to be brought into the meeting (vehicles and/or trailers will not qualify).

Please come to the meeting to share your ideas and to use other member ideas about what makes a good kit

Local Event Communications

Remember the following events that you can assist with communications. Contact the coordinator indicated to help. Remember to have a safety vest, bear spray, bug repellent, after bite, proper clothes for the weather, chair, and a spare battery for your handheld radio. Be sure to know where the check-in for the event is (to help others) along with restroom locations. Each coordinator may have more specifics of the event volunteer requirements. Let the coordinator know if you have any physical limitations or desire a specific duty.

Walk and Roll for Hope (May 5th) - Hope Community Resources—Keith

Providing community support to hundreds of individuals and families who experience intellectual and developmental disabilities, traumatic brain injury and mental health challenges.

Walk MS (May 12th) – Alaska Multiple Sclerosis Center—Allen

Providing resources for Alaskans living with MS

Gold Nugget Triathlon (May 20th) - Gold Nugget Triathlon (GNT), Inc. - Alice

Interested in advancing sports for women of all abilities

Alaska Run for Women (June 9th) - Allen

Annual event to raise money for and awareness of breast cancer and women's health, and to show -case the talents of Alaska's women athletes.

Dog Jog (July 28th) – Friends of Pets—T.J.

Annual July event to raise funds for their programs and to celebrate the bond between people and pets.

Tour de Cure (August 12th) - American Diabetes Association - Alice

A fund raising cycling event to raise money for diabetes research

Anchorage RunFest (Aug. 19th) – Anchorage Running Club—Keith

A fundraiser to support the Anchorage Running Club and its mission to provide a healthy lifestyle through running and exercise

Got STEM? Check out the Educational Program growth at the AARC!

By [DAVE HEIMKE](#)

A pillar of the Anchorage Amateur Radio Club is to provide education to our members and the community. You are already aware of the Technician Course. (You can still sign up for the next class, but hurry....registration ends Monday night so the materials can be ordered.) Did you know we are putting together a course catalog?

While it is in its infancy, look across the banner on our website for the Education Tab. Several of our members want to share their knowledge in a myriad of areas. These courses are intended to meet the needs not only of amateur radio operators, but for anyone interested in hands-on learning of radio science.

Courses look to fill the needs in radio operating (did you get a Technician license and wonder what to do with it?), basic electricity (look for a DC circuits course, a series of grounding courses, AC circuits), radiowave propagation from beginner to advanced, emergency operations, and much, much more.

We have been active in home school fairs and in the recent APHEA event, we were the most active booth. Kent KL5T worked with both adults and children to help them understand amateur radio. Children worked on one of the kits that will be highlighted in an upcoming course on Basic Kit building. It was a big hit, along with a kit "in progress" that was also available for attendees. Alan, KL1HC, engaged with many fair attendees.

Following the Basic Kit course will be an intermediate course which will include soldering and an introduction to Morse Code. You may think that CW is obsolete, but experience has shown that children are quite drawn to the concept!

If you have thoughts on a course you would like to teach, come to our committee meetings on Saturdays at 1pm. Check the calendar for updates frequently.

If you have been an amateur for years, this is a great way to give back. If you are new and want to share a skill, join us!

Raffle! Kenwood TM-271A 2 meter transceiver

By [DAVE HEIMKE](#)

The AARC is raffling off a nearly new 2 meter transceiver. Tickets are \$10 each, the raffle is open until the June membership meeting when the winning ticket will be announced. Need not be present to win. Permit #191.

This is a nice radio! If you are a new ham also consider taking one of the Introduction to Operating Courses (watch the "Education" pull down menu for listed courses) and learn to program the radio as well as operate it over simplex or on our repeater system. This radio can be a lifesaver if you travel on highways and don't have cell coverage.



Also keep an eye out for an accompanying antenna course if you are interested. It will be on our website soon.

The raffle benefits the AARC as we grow into our new home. Consider buying tickets to give your friend a present!

Tickets can be purchased during any club event. See website for open times. If you can't make it, and want to purchase a ticket (or tickets) contact AL7LO Dave Heimke with any questions (al7lo@arrl.net).



AARC Offers Entry Level Technician License Preparation Course

By [KENT PETTY](#)

A 2-day Technician License Preparation Course (Radio School) is being offered by the AARC. The course will be presented on May 12 and 13 using Gordon West materials. Registration for the course closes on April 30, 2018 so that course pre-study materials can be picked up by participants and pre-course study and activities can be completed. A testing session will be offered immediately following completion of the class on day 2.



[Follow this link to register for the course.](#) Contact education@kl7aa.net for more information.

73,

Kent, KL5T

GoFundMe – Paint Funding Campaign

By [KENT PETTY](#)

Hi all. We need to paint the RSOC and have started a GoFundMe campaign.

If you [head to the following link](#), you'll be able to contribute directly to that fund, or contact any board member for other ways you can donate or help.

73, Kent, KL5T



Link: https://www.gofundme.com/help-with-our-paint-campaign?utm_source=internal&utm_medium=email&utm_content=campaign_link_t&utm_campaign=welcome

RSOC Working Wednesday Progress – DC to Daylight!

By [KENT PETTY](#)

On Working Wednesday, April 11, TJ, Tom, Matt, Kevin, Brandon, and others had a fun time getting an Icom IC-910 and a Yaesu FT-857 ready to go. If you haven't made it to the Wednesday and Saturday sessions you're missing out!

These rigs will give "DC to daylight" capability to the RSOC, and will be perfect for VHF contests, satellite operating, packet, and emcom use. The plan is to put these stations on the air for the June VHF Contest, and ALL members are welcome to stop by and try them out.



Progress so far:

- Set up power supply and distribution,
 - Started a station book for each radio (printed manual, log pages, and band plans),
 - Hooked up microphones and other hardware,
- Performed preliminary function testing.

Don't forget . . . BEGINNERS ARE WELCOME! If you're wondering what to do with your Tech license then drop by, ask questions, and see just what happens on the bands above 50.

Next Wednesday there will be more function testing, station assembly, and general goofing about. If you want help learning how to set up a first class VHF/UHF station then drop by. Be careful though . . . you might find it addictive!

Brandon, KL7BSC

C4FM – Huh? What? Yes, Sir, It Is Here!

By [KENT PETTY](#)

Several hams in the local area had noticed form digital activity on 147.54 MHz over the past few months. It was a signal of great interest as it was very active and nobody seemed to recognize its signature. Ultimately, a DF hunt tracked it down to KL4C's residence in South Anchorage. Chris was kind enough to fill us in as to what was going on and what he's been up to. It turns out this was a Yaesu Fusion System C4FM digital voice signal. Chris provides the following summary to let folks know what's up, and to maybe stir up a little interest in this new and interesting mode! You'll also see that he mentions another C4FM signal active on 147.05 MHz that we identified. More Later

From Chris:

(C4FM Cont.)

Here is a brief rundown on my operation in the 2M and 440 MHz. bands from my home QTH near Goldenview Middle School.

I have been fiddling with D-Star and C4FM for several years, mostly from low power hot spots inside my home (DV4 minis, RF Shark OpenSpots, DVAPs, etc.) About a year ago I placed a Yaesu DR1X repeater on the air, on a UHF pair coordinated by Mel (KL7GG). That machine was not networked, but was operated in Yaesu's "Auto" mode, repeating either FM or C4FM, whichever appeared on the input. That repeater is on 444.3 +5, no tone.

With the UHF transmitter having some trouble, I placed a Yaesu FTM100 in service as a simplex node, connecting to the Yaesu Wires-X network via their HRI-200 interface. This simplex repeater links to the internet via the HRI-200 and a Windows computer.

In summary, the Wires-X network is an addressable series of "rooms," like D-Star reflectors, and also direct access to repeaters and other stations. I typically have the system connected to the "America Link" room, which is the most active of the US-based rooms. Using a Yaesu Wires-X compatible radio the connection can be moved to another room/repeater/station. The Wires-X network has other functions (services) as well – numerous Wires-X websites and groups offer lots of info.

I moved the hotspot from 147.54, where I understand it may have been causing some problems to frequency-proximate IRLP nodes. My apologies for that – I have now sorted out the UHF feedline issue I had, so the C4FM simplex node is now on my 440 repeater output frequency – 444.3, no tone. As before, it is normally connected to the Americas Link room. Next step will be when I get the Yaesu repeater back online. In any event, I am always pleased to have others use the system. I will be sure that the setup allows calls other than mine to get to it.

Two last tidbits – I was able to hear C4FM traffic on 147.05. I am not certain of the setup, as it made voice announcements of the room to which it was connected – I have not seen that capability with my setup. That node was connected to another popular US room that is focused on Minnesota/Wisconsin (not limited to that, however.) Lastly, someone recently got my node to connect to a KL2? station/node – I was mobile at the time and didn't catch the info before it disconnected.

That was the first time I had seen someone other than me redirect my node – intentional or not I was glad it worked!

I have included my contact info below, and will be happy to provide information and share what I have learned about C4FM.

Chris Brown
5273 Cape Seville Dr.
Anchorage, 99516
907/350-8212 (mobile)
907/264-7360 (office – AT&T)
cb777@att.net
73,
Chris, KL4C

(C4FM Cont.)

Thanks Chris for sharing all this! And for the rest of the folks out there, does anyone know the source of the C4FM on 147.05 MHz? DF efforts had shown this to be somewhere in the Boniface/Northern Lights/Patterson area, but we haven't tracked it down yet. If you know what's up, we'd love to hear about it to learn more. Digital voice is gaining popularity, and this is really something we need to explore in our area and as a club.

73,

Kent, KL5T

C4FM—What is it?

Additional information can be found here on these websites:

<http://systemfusion.yaesu.com/what-is-system-fusion/>

<http://www.trinityos.com/HAM/Yaesu-System-Fusion/Yaesu-fusion-and-c4fm-v7.pdf>

<http://www.arrg.org/fusion.htm>

Homer License Testing Session Scheduled

By [KENT PETTY](#)

Toby Reich, KL2T, advises that a license testing session is planned for Homer on May 12, 2018. The session will take place at the Homer Public Library at 500 Hazel Avenue in the first classroom on the right when you enter the building.

Contact Toby for more info at 907.399.7667 or tobr@gci.net

[Click here to purchase a "seat"](#) for this testing session.

73,

Kent Petty, KL5T
Chairman, Anchorage ARC VEC

ARRL June VHF Contest, June 9th and 10th

By [KENT PETTY](#) Published [MARCH 30, 2018](#) [CONTESTING](#)

Sunspot numbers got you down?

Burned out on nets? Itching for some-

thing new? Try VHF contesting! The

ARRL June VHF Contest is coming

and you do NOT want to miss out!

Bouncing radio waves off mountains

to see around corners . . . child's

play! Firing up long-boom yagis from



mountaintops . . . all in a day's fun! Loading up your truck up with antennas and roving across the state making contacts . . . now you're talking!

Contests are THE time to find out just what the VHF/UHF bands can do, and you WILL be surprised. Join in as a "single operator" entry and test your home station's simplex capability. Take your go-box to a hilltop and enter as a "portable" station. Or you can fire up the amplifiers and light up the clouds as a "high power" entry.

Don't think you need a lot of gear to participate though . . . even an HT and some guts can get you plenty of contacts from a good location. Any and all stations who want to participate are encouraged to coordinate with Brandon Clark (me), KL7BSC, who will be leading a rover route through south-central during the event (route details below).

Let's light up Alaska this June!

Contest (continued)

KL7BSC Rover Route

I'll be entering as a "rover" (mobile station) and operating from multiple grid squares over two days. In true "ham-cation" style the route will go from Homer to Fairbanks with opportunities for contacts to/from up to ten different grid squares. (Check out QRZ for photos from past events.)

Friday night is a camp out in Homer to relax and prepare. On Saturday it's time to light up the airwaves, starting in Homer and continuing through Soldotna, Turnagain Arm, Kinkaid Park, Eagle River, Susitna North, and Talkeetna.

After some downtime to recharge, refuel, and maybe sleep a little, it's time to man up and saddle up for the final push north: operate from Healy, the hills above Fairbanks, and UAF to finish the event. Any other interested mobiles are welcome to participate. All you need is an FM dual-band or better rig and external antennas.

73

Brandon, KL7BSC

VEC Report

VEC Session Summary, April 2018										
Location	# Sessions	# Tested	Licensed / Upgraded	New License	Upgraded License	Passed Elem	Failed Elem	Tech	Gen	Extra
Anchorage	1	6	5	2	3	5	1	2	1	2
Fairbanks	1	0	0	0	0	0	0	0	0	0
Sitka	1	3	3	1	2	3	0	1	1	1
Valdez	1	3	1	0	1	1	2	0	1	0
Totals	4	12	9	3	6	9	3	3	3	3

12 Month Summary

Tot Sessions 12 mths	54
# People Tested	200
# Exams Taken	280
# Exams Passed	184
# Exams Failed	96
# New Hams	100
# Upgrades	66

Please remember to check “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 presentable in electronic form to be permitted to test. To summarize, all purchases for testing must be made online at our website.

Regularly scheduled testing sessions are held in Anchorage, Fairbanks and Sitka as follows:

Anchorage

AARC Radio Science and Operations Center (RSOC)
 6721 Raspberry Road, Anchorage
 When: Second Saturday of each month at 2:00 PM
 Contact: Kathleen O’Keefe, KL7KO, 907.243.4675, koalaska@gmail.com

Fairbanks

Far North CB Radio Plus Building
 3451 College Road, Fairbanks
 When: First Saturday of each month at 1:00 PM
 Contact: Mike Perry, AL7F, 907.590.7215, patperry@gci.net

Sitka

Sitka Fire Department
 209 Lake Street, Sitka
 When: First Saturday of each month at 12:00 PM
 Contact: Benjamin Downing, KL2UF, 907.738.2703, aikiben@gci.net

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

VEC Report (cont.)

Please note: The Anchorage ARC VEC operates testing sessions only within the geographical boundaries of the State of Alaska. If you live in another state or country, even if your mailing address is not in Alaska, you can still test with our VEC. It is only the testing session itself that must take place within the state.

73,

Kent Petty, KL5T
Chairman, Anchorage ARC VEC

Tough Times Glossary

By George Wilkinson II, KL1JJ

Tough Times Glossary #5 (see #1 through #4 in previous issues of the newsletter)

The terms for this installment sound like terms used in shooting sports and instrumentation and indeed they are. They also commonly describe a person's single utterance, or persons' passing a single message. In fact, these terms go to the heart of communication.

Accuracy:

The closeness of a statement or message to its actual value, or, the quality of being near to the true value, *i.e.*, the degree of conformity to a true value.

[L *accuratus* done with care, fr. *adcurare* to care for, fr. *cura* care]

Precision:

The degree to which the final version of a statement repeated multiple times is identical to the original statement.

[ME *exact*, fr. OF *précis* condensed, precisely fixed, fr. L *preacisus*, fr. *praecidere* to shorten, fr. *prae* pre + *caedere* to cut]

In shooting we try to hit the bull's eye. This is 'accuracy'. Bullet holes in the target may be 360 degrees around the bull's eye but as long as they are proximate they are considered accurate. Precision in shooting is known as a tight grouping. That is, how close the shots come to landing at the same spot if the rifle isn't moved, no matter how close to the bull's eye. The object is to place accurate rounds precisely.

In tactical radio some traffic, say, a question from an official to a field operative, emphasizes accuracy over precision. A message will probably only be passed but once – maybe twice. However, precision often come into play passing traffic from a shelter; a medications list, originating at a shelter, is repeated through the Red Cross, EOC, and a pharmacy, then back again. Is the returned list identical to the original list?

Now, what about the debate over which form to use, the ARRL Radiogram or the ICS IC-213? The Radiogram is primarily intended for the National Traffic System but works just as well for some tactical traffic even though it has been designed to for precision over accuracy. The IC-213 is concerned with tactical use and thus depends on accuracy but eschews precision. That's about as accurate as I can get comparing the two forms.

Tough Times Glossary #6

This little article will be just a little different. It will deal with the definition and usage of only one word – agency. It is a word with many meanings, or variations on a theme, depending on the discipline in which it is used. We will use the governmental definition as opposed to the political, commercial, legal, sociological, philosophical, yadda yadda yadda.

Agency is defined as a division of government with a *specific* function offering a *particular* kind of assistance. Specificity is key. In the Incident Command System (ICS) agencies are further defined as either jurisdictional (having statutory responsibility for incident management) or assisting (providing resources or other assistance).

[Middle English, fr. Medieval Latin, *agentia*, fr. Latin *agere* to do]

RACES is a government agency and is concerned with words only as the government uses them. ARES, though not a government agency, increasingly serves the communications needs of government. As ARES picks up more of the RACES function ARES picks up more ICS-speak, ergo, agency has become dominant over other words such as client.

ARES has slipped in a descriptor giving us the term **served agency**. Keep in mind that 'agency' is a subset of the superset 'client'. The concept of client contains, but is not limited to, agency. Let's see how this works out.

Example 1: Home Land Security is not an agency; it is a department. It has within it numerous divisions which carry out specific functions; these are agencies.

Example 2: The Municipality of Anchorage has the Department of Emergency Management. Emergency Management has a division/agency called the Emergency Operations Center. If you are in the field working the radio shack for an Incident Commander you, and the IC, are under the agency of the EOC.

Example 3: After events such as Katrina and the Joplin tornado groups go to work without contacting the Incident Command Center. There may not be an ICC to contact yet.

You may find yourself the radio operator for a church shelter, SAR team, medical team, or even someone trained by the Red Cross to do street surveys looking for gas leaks. These people are not assigns of the ICC but, even as ad hoc groups, still need communications. They are not served agencies but they are your clients operating without government oversight.

Am I just nit picking, splitting hairs, playing semantic games? We are Communicators. Words matter.

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:

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.

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



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>

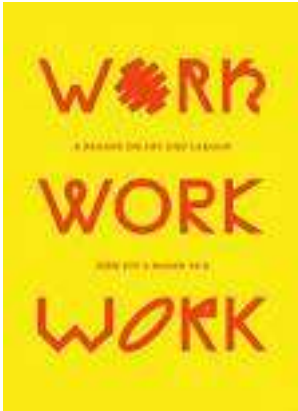
For more information.



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
Assist with removal and disposal of "dead lead" (old batteries)	These need to be hauled away periodically. Can you be the dead lead leader?	KL7TS
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 front 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
MESH Network - File Server	Develop a file server for the MESH network using a Raspberry Pi. Systems are in place as examples.	KL5T
MESH Network - PBX	Assist with MESH system Raspberry Pi telephone server (PBX).	KL5T
Mezzanine Organization and Storage	This is our primary long storage area and really needs to be cleaned up. Can you help?	KL7TS or KL5T
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	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!

AARC board meeting notes and AARC general meeting notes will be published in the June 2018 AARC newsletter.



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

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

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 or 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 or 907-354-0206. (Note Change)

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.

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

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.

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 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 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)

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



May 2018

Sun Mon Tue Wed Thu Fri Sat

		1	2 6PM AARC Working Wed. at RSOC	3 AARC Membership Mtg ARES Net	4	5 AARC Working Saturday at RSOC 10-3
6	7 7pm Fundraising Committee	8	9 6PM AARC Working Wed. at RSOC	10 ARES Net	11	12 AARC Working Saturday at RSOC 10-3
13	14 7pm AARC Finance committee Meeting	15 7PM AARC Board Meeting	16 6PM AARC Working Wed. at RSOC	17 ARES Net	18	19 AARC Working Saturday at RSOC 10-3
20 7:30am Gold Nugget Triathlon	21 7pm Fundraising Committee	22	23 6PM AARC Working Wed. at RSOC	24 ARES Net	25	26 AARC Working Saturday at RSOC 10-3
27	28 7pm Fundraising Committee	29	30 6PM AARC Working Wed. at RSOC	31 ARES Net		

Swap 'n Shop

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

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



FOR SALE: All prices firm. All bought new by current owner with (with exception of VF-1): non-allergenic, non-smoking, and peaceful environment. All work as from factory.

LDG AT-600 Proll. Manual. Two years old. New Price \$350. For Sale \$150

MFL-868B **GIANT** SWR/Wattmeter (6-1/2") Manual. Nine months old. New Price \$150. For Sale \$75.

Cushcraft A449-11S New 11 element 440 Mhz Beam. Never been outside. New Price \$120. For Sale \$70.

MFJ-890 DX Beacon Monitor. Manual. Five years old. New Price \$120. For Sale \$50.

MFJ-1025 Noise Canceling Signal Enhancer. Manual. Six years old. New Price \$180. For Sale \$60.

MFJ-462B Multireader. Manual. Six years old. New Price \$200. For Sale \$60.

Heathkit VFO for AT-1, DX 60, etc. "Xeroxed" Manual. Do not know if it works. For Sale \$35.

Seller: John Bury, KL7QZ. Phone 907-349-8754. Email <johnburyak@gmail.com>

(Sorry, No Photos)

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

Your current AARC Board/Officers

President	Lara Baker AL2R	president(at)kl7aa.net
Vice-President	Kent Petty KL5T	vicepresident(at)kl7aa.net
Treasurer	Jill Heimke WL7BTT	treasurer(at)kl7aa.net
Secretary	Richard Tweet KL2AZ	secretary(at)kl7aa.net
Board 2019	Dan Knapp KL4CX	
Board 2019	Lillian Marvin KL7YF	
Board 2019	Rich Gillin AL4S	
Board 2018	T.J. Sheffield KL7TS	
Board 2018	Keith Clark KL7MM	
Board 2020	Alice Baker KL2GD	
Board 2020	Jim Wiley KL7CC	
Board 2020	Dave Heimke AL7LO	
APRS	Kevin Opalka	
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VE Testing	Kent Petty KL5T	ve(at)kl7aa.net
Webmaster	Rich Gillin AL4S	webmaster(at)kl7aa.net
Internet/Network	Rich Gillin AL4S	ip(at)kl7aa.net