Anchorage Amateur Radio Club Newsletter

No General Meeting in July
The next General meeting is
August 2, 2018
Radio Science and Operations
Center (RSOC) Building - 7:00pm
6721 Raspberry Road
Anchorage, AK

"Dog Jog" by Friends of pets (from front page)

The "Dog Jog" will be on July 28, 2018. T.J., KL7TS is the coordinator and can provide for additional information regarding the Dog Jog. Additional volunteers are always welcome.

The "Dog Jog" is an annual July event to raise funds for programs and to celebrate the bond between people and pets.

Remember there is no July 5th General Meeting and there is no working Wednesday on July 4th.

Historically we have not held a general meeting in July because of vacations and the 4th of July (Independence Day) holiday that week.

August 2nd General Meeting

By Richard Tweet, KL2AZ

The election committee is looking to fill a new vacant board member position with a term through 2019. Please submit a statement of interest if you are interested in a board position. In addition, we will also be taking nominations for President, Secretary, and three (3) other board member positions in the August meeting. Contact Secretary@KL7AA if interested.

RSOC Closer to Big Mesh Connection

By KENT PETTY

On Tuesday, June 28, TJ, KL7TS and Kent, KL5T installed the RSOC mesh node that will ultimately lead to connection to the Anchorage area larger MESH. We installed a Ubiquiti PowerBeam M5-300 at about 35 feet up the AB-105 tower on the north side of the RSOC operations area. This 5-GHz unit will link to another node located at the Anchorage Int'l Airport's old Fire Station 2. From there, an M3, 3.4 GHz RocketDish will link to one of our Hillside nodes to make the big mesh connection.

We expect to install the needed gear at Fire Station 2 sometime next week.

Our AREDN-based mesh network is focused on emergency communications. It currently has chat services, links Winlink RMS nodes, has VOIP telephone service, video feeds, file sharing, and allows us remote access to a number of club computers at served agencies.

If you'd like to learn more about our mesh network, send an e-mail to mesh@kl7aa.net.,

73,

Kent, KL5T

Anchorage ARES Webpage Started

By **KENT PETTY**

A webpage for our Anchorage ARES was started this evening. Its purpose is to help get current information out to ARES members, and to actually enroll/register amateurs into the ARES program in Anchorage.

Here's a direct link to the page

Here's a direct link to register for ARES

73,

Kent Petty, KL5T
Anchorage DEC

Upcoming 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 repellant, after bite, proper clothes for the weather, chair, and a spare battery for your handheld radio. Mosquitos have had a strong showing at our events in June so consider using Permethrin to treat your clothes. 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.

Dog Jog (July 28th) – Friends of Pets—T.J., KL7TS
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, KL2GD
A fund raising cycling event to raise money for diabetes research

Anchorage RunFest (Aug. 19th) – Anchorage Running Club—Keith, KL7MM
A fundraiser to support the Anchorage Running Club and its mission to provide a healthy lifestyle through running and exercise

Completed Local Event Communications

A sincere thank-you to everyone who helped with the following local communication service events. A special thank-you goes to those that coordinated communications for these events:

Alaska Run for Women (June 9th) - Allen, KB1QCE 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.

ARRL VHS Contest (June 9th and 10th) – Brandon, KL7BSC Drove a route from Homer to Fairbanks

ARRL Field Day (June 23rd and 24th) - Dave, AL7LO (RSOC location) Setup was successful the preceding Friday and those antennas erected on Friday and Saturday will be available for summer operations.

We do have a few photos of the **Alaska Run for Women (June 9th)**:

Photos by Allen, KB1QCE

Completed Local Event Communications

(photos continued from previous page)

Photos by Karen, KL7KW

A couple of photos from the **ARRL VHS Contest (June 9th and 10th) –** Brandon, KL7BSC said the contest went really well, but was not sure how he placed overall or in the Alaska section. The good thing was that a ton of other operators came out to participate, so there were plenty of contacts to be made! (photos by Brandon, KL7BSC)

Completed Local Event Communications

(photos continued from previous page)

A few photos from **ARRL Field Day (June 23rd and 24th** - Dave, AL7LO (RSOC location) Setup was successful the preceding Friday and those antennas erected on Friday and Saturday will be available for summer operations:

Photos by Dave, N9AIG

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 so we can talk more about how you can help.

Thanks and 73,

Kent, KL5T

New Multimode Digital Hotspot Goes LIVE!

By Dave Heimke

A new multi-mode Anchorage digital hotspot has been installed and is running. The hotspot is located on the frequency of 446.500 MHz. The Hotspot covers D-STAR, DMR, Yaesu System Fusion (YSF), NXDN and APCO P25 all on the same frequency. This access point allows you connect to stations from all over the world. If HF is giving you that headache again, try your hand at D-STAR or DMR for some digital fun. DMR radios can be purchased online for less than $150. The digital hotspot radio setup is a commercial Motorola CDM1550LS+ running 15 watts, the radio is connected to a Teensy (MMDVM) board and then to a Raspberry Pi, running the Pi-star Image.

This bit of technology amazingly allows us to access the majority of all digital mode voice systems. The D-STAR system and Yaesu System Fusion will send your GPS coordinates to the APRS system using the relative protocols. The system is default linked to the D-STAR Reflector (a kind of chat room) REF030C. The setup was built and is currently maintained by K4MFC -Matt Caldwell and is located near downtown Anchorage with good coverage around town. D-STAR traffic was even heard while on Seward highway close to Indian.

New Multimode Digital Hotspot Goes LIVE!

Settings:

FREQUENCY:446.500MHZ (Simplex)

D-STAR:

MY: CQCCQCQ

RPT1: K4MFC B

RPT2: K4MFC G

UR: (Your Call sign)

DEFAULT REFLECTOR:REF030C

YAESU SYSTEM FUSION (YSF):

USING BRANDMIESTER SYSTEMS

DMR:

BRANDMIESTER SYSTEM CONNECTED

COLOR CODE CC:1

TIME SLOT:2

NXDN:

RAN:1

Let us know how it works and what your experience with the coverage area is as we experiment with this technology. Have fun!

73's Dave Heimke, AL7LO

73's to Rowan Street

By DAVE HEIMKE

A team of volunteers wrapped up the dismantling of the Rohn 45G tower Wednesday evening which completed the exit of the AARC from its old home at Rowan Street. Throughout the move to the RSOC (which was mostly done in February) enthusiastic and capable amateurs have stepped up to assist in our relocation to the new home.

 A big thanks to Tony NE7EK, Andrew AL7U, Mike KL7MD, Keith KL7MM, and TJ KL7TS for their excellent coordination and push at the end to make the transition smooth and the ex-landlord happy!

{Photos by Keith, KL7MM

RSOC - Mysterious Alder Island

By T.J., KL7MM

1). Mysterious Alder Island is located on the west side of the Radio Science and Operations Center (RSOC) at 6721 Raspberry Road.

2). Deep in the jungle on Alder Island, an intrepid team of scouts found one of the few remaining Chugach Electric 208vac 3Ø power systems in the Municipality of Anchorage.

3). Rumor has it only three or four of these systems are still in service.

4). The Man of Stihl, "Diesel Dave" Webb, N9AIG, prepares to do battle with the denizens of Alder Island.

5). After much effort a path is cleared.

6). A large alder "stump trifecta" was the first one pulled with a log chain and an F-150 in 4WD Low Range.

7). The former home of the stump trifecta.

8). The stump will be cut up for firewood and the rest goes to the Municipal woodlot.

9). Alder Island resources mysteriously transformed from an invasive species to a winter fuel supply.

Submitted for your consideration by TJ Sheffield, KL7TS

Ask not what your Radio Club can do for you,
Ask what you can do for your Radio Club.

Editors note: come out on "Working Saturday" and help clear the alder from the RSOC building transformers and electrical manhole. There is a move afoot to eliminate the 3 phase open delta system and replace it with a single phase source; stay tuned. (Thank-you to everyone that stopped by for moral support and to Kent who lent us his trailer, log chains, and tie-down straps to haul the brush away.)

VEC Report

By Kent, KL5T

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.

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 ad-dress 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

P.S. We'll catch up with the statistics next month

Tough Times Glossary

By George Wilkinson II, KL1JJ

Tough Times Glossary #9 (see #1 through #8 in previous issues of the newsletter)

On the radio trying to describe how multiple events relate to each other. What words to use? How 'bout some of these? They also work for describing relations in families.

Cascade Effect

A succession of stages or subsequent events associated with or caused by a primary event, usually comprising a syndrome.

[French, fr. Italian *cascata*, fr. Latin *cascare* to fall]

Cascade Effects are exampled by, say, an earthquake that causes an underwater landslide which produces a tsunami that takes out most of a town, causing fire and destroying infrastructure, and because of the sewerage, oil and other things now floating on the water and being deposited in/on everything disease breaks out which cannot be responded to because of lack of critical infrastructure.

Another example is an ice storm that takes out power lines, causing people to try heating with open fire, setting their homes on fire.

Primary impact

An effect that is first in time, order, or sequence; also, one that is fundamental, basic, or elemental

[Latin, *prīmārius* chief, fr. *prīmus* first]

A term referring to the first damage done by a disasterous event, such as loss of life, damage to critical structures, or downed infrastructure.

Secondary impact

Following what is first in time or sequence, or derived from what is primary or original.

[L, *secundus*, fr. *secondarius* of the second quality or class]

A term usually referring to the damage done by the failure/s brought on by a tsunami's primary impact, including fires, disease, and isolation.

Tough Times Glossary #10

The following entries are from the Incident Command System. A radio operator may be called up as an individual or as part of a collection of operators. A couple of independent study classes on the ICS will give a better understanding of where each of these fits in the over-all system.

Resources are personnel, equipment, supplies, and facilities for assignment to an incident response. Under the ICS taxonomy resources are described by kind and type and may be used in operational support or supervisory capacities at an incident or at an EOC, or ICP.

Recourses are designated as **Active/Assigned**, i.e., resources checked in and assigned tasks on an incident, and **Allocated**, i.e., resources dispatched to an incident that have not yet checked in (still enroute).

A **Group** is composed of resources assembled to perform a special function not necessarily within a single geographic division.

Members of a radio group can be sent as individuals to separate assignments in disparate locations.

Single Resource refers to individual personnel, supplies, and equipment items and the operators and crew associated with them.

Consider an individual radio operator and his equipment, or a fire apparatus and crew.

A **Technical Specialist** is an individual with special skills usable anywhere in an incident, e.g., a radio operator, an EMT, or an engineering consultant. Specialist may or may not be professionals, and may or may not have had anything to do with disaster response previously.

Type indicates an ICS resource classification that refers to capability. Type 1 is generally considered to be most capable, with capability decreasing down through Types 2 and 3, and Type 4 being least capable because of size, power, capacity, or experience and qualifications. Resources are organized by category, kind, and type, including size, capacity, capability, skill, and other characteristics.

Strike team is defined as a set number of resources of the same kind and type that have an established minimum number of personnel, common communications, and a leader.

As opposed to 'single resource'. An example could be a set of radio operators sent to fill a comms gap, such as a building evacuation, or a set of fire apparatus assigned to a common task.

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.

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.

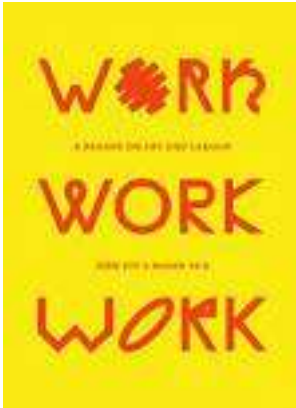Now may be the time to renew your membership; don't forget!

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
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

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 KL7MM
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?	KL7MM 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!

ANCHORAGE AMATEUR RADIO CLUB

BOARD MEETING

May 15, 2018

Radio Science Operation Center (RSOC)

6721 Raspberry Road

Anchorage, AK

APPROVED

The meeting was called to order at 7:04 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, Dan Knapp KL4CX

BOARD MEMBERS PRESENT VIA TELECONFERENCE:

Jim Wiley KL7CC, Rich Gillin AL4S

NON-VOTING MEMBERS/GUESTS PRESENT

Allen Abbott KB1QCE

EXCUSED BOARD MEMBERS

Dave Webb N9AIG

UNEXCUSED BOARD MEMBERS

None

REQUEST FOR AGENDA ITEMS/CHANGE IN ORDER

AARC election

Working Wednesday

Station manning

Tech Talk at General Membership meeting

Board Meeting Announcement

GUESTS

None

TIME CRITICAL ITEM(S)

None

REPORTS

SECRETARY REPORT

The minutes for the March 2018 Board meeting, the April Membership meeting and the April Board meeting were presented. One capitalization error was corrected. 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 on ArcticCom and Hughes Net billing, presented AARC account balances, noted a Lowes gift certificate donation and reported on regular monthly donations. Taxes are current and signed at Rogers and Company.

FINANCE COMMITTEE

Keith Clark KL7MM reported there is no new development in the restitution case, and discussed the AARC spending graph. Discussion was held on the Alaska Pacific University endowment and if it can be used for AARC educational purposes. Brief discussion was held on classes being developed by the Education Committee and pricing development.

PROJECTS COMMITTEE

T.J. Sheffield noted that there are no funded projects for this year and presented the AARC chart of expenditures. Discussion was held on the airport lease requirement and timeline of the required lot survey.

GRANT COMMITTEE

Lara Baker AL2R reported there are no grants pending and Grants.gov login was distributed to Board members.

FUNDRAISING COMMITTEE

Dave Heimke AL7LO reported on a grant request submitted by the committee to the Block Foundation for exterior painting of the facility. The committee has solicited 2 professional fundraising parties for discussions with the committee, one has not responded and the other has committed to a meeting in a week. Dave noted the committee will engage in discussion with APU and discuss the AARC endowment. Dave reported on educational and business executives touring the RSOC and their positive impressions with the AARC and the facility. Raffle ticket sales to date are 31 of 100. Dave reported the Fundraising Committee meetings are held on the 1st and 3rd Mondays of the month at the RSOC. Brief discussion on member tracking and APU interest in helping/review/support of AARC classes.

GAMING COMMITTEE

Discussion noted interest in the AARC gaming permit for a pull tab operation and was explained as a paid operator for profit, doing gaming using the permit of a non-profit which must follow State of Alaska rules. Discussion was held on amounts paid to AARC, entering a multi-beneficiary partnership and examples of successful pull tab operations.

BUILDING COMMITTEE

Dave Heimke AL7LO reported on the committee meeting schedule and the AARC open house.

MEMBERSHIP COMMITTEE

Rich Gillin AL4S reported that since April 1st, there have been 8 renewals and that there have been 15 for the year to date. Brief discussion held on 1 year free memberships for new hams.

EDUCATION COMMITTEE

Dave Heimke AL7LO reported that the committee is lively and robust, has completed its first paid course with another to begin in a week (Kit Building). The committee is discussing a one week radio camp prior to the new school year, A General class course meeting once a week for a yet to be established time period, and possibly an operating class. Dave noted the education element is growing momentum, we aren't on the home schooling sites as a vendor yet, the committee is building templates for classes and that the committee meeting are held weekly on Saturdays at 1pm at the RSOC.

EQUIPMENT REPORT

Kent Petty KL5T reported on the 80 chairs donated to the AARC by the Hilton Hotel as initiated by Craig Bledsoe KL4E. Kent reported that the family of Bob Barker reached out to the AARC requesting to donate station equipment including a tower and antenna. Motion made Lil Marvin Kl7YF, seconded by Keith Clark KL7MM to utilize the equipment at the Anchorage Senior Center. The motion carried unanimously. Kent also noted the AARC would be receiving a $1240 donation from Chris Dunlap for assisting with the sale of his trailer. T.J. Sheffield KL7TS thanked Kent Petty for his work in retrieving the donated chairs from the Hilton.

VE REPORT

Kent Petty KL5t reported on May testing in Anchorage, Fairbanks, Homer, Sitka, Tok, and Valdez resulting in 14 Technician, 5 General, and 3 Extra Class licenses. To date testing has produced 92 new hams and 62 upgrades to licenses. Thanks to Kathy O'Keefe KL7KO and Lara Baker AL4S for making the remote testing session for Tok possible.

TRUSTEE REPORT

Keith Clark reported on the upcoming Field Day event, Working Wednesdays, and Saturday openings of the RSOC. Keith reported the club is being used. Work on removing equipment from Rowan Street continues. There is interest in obtaining the KL7G call for use with a Get on the Air GOTA station, the club call has been approved for use with the Gold Nugget Triathlon and the Run for Women.

ARES

Kent Petty KL5T reported that an airport permit application has been submitted for use of the airport Fire Station 2 as an antenna location for the MESH HSMM network and reported on a MESH computer failure/replacement at the ANTHC Tuttle Warehouse location. Kent reported on the upcoming communications exercise on May 31st checking connectivity between the State EOC and the Kenai Peninsula.

Discussion noted the KL7AA club call is not allowed on the Thursday night ARES net according to the Net Control.

ACTIVITIES

Allen Abbott KB1QCE reported that Dave Heimke AL7LO would present at the June membership meeting and that beginning in June, the membership meeting would be followed by a Tech Talk session as a bolt on to the membership meeting at its closure. Lara Baker AL2R reported on an available presentation on "Living with Bears" and its applicability to AARC's public service events. Lara Baker suggested to the Board that there not be a membership meeting in July due to its proximity to the 4th.

OLD BUSINESS

Government Hill Commons – Nothing new

NEW BUSINESS

AARC Election –.

T.J. Sheffield noted Article 6.1 of the Bylaws noting the Election Committee is comprised of the Vice President, Secretary and one other individual. Allen Abbott volunteered to be the 3rd member of the committee. Discussion noted that the entire Officer slate is up for election this year and consideration was given to staggering these positions to allow for partial replacement in an election to retain continuity which will require a bylaws change. It was noted that the Articles of Incorporation require a President and Secretary which should be considered in staggering the officer positions elections.

Working Wednesday –

Discussion noted the continuing close out work at Rowan Street and the need for the RSOC to be open. Volunteers are requested and appreciated.

Tech Talk –

Dave Heimke AL7LO reported on the initiation of a Tech Talk session following the regular membership meetings. These talks will be technical in nature and last approximately 30 minutes. Lara Baker AL2R volunteered to teach a session on the history of computing.

Station Manning –

Discussion was held on the need to implement the AARC Access Control Policy with the success of the RSOC having the facility open more often and for longer periods.

Board Meeting Announcement –

Jim Wiley KL7CC requested multiple meeting reminders for upcoming Board meetings held on the 3rd Tuesday of each month.

ADJOURNMENT

The meeting adjourned at 8:45pm.

Respectfully submitted as recorded on 05/15/2018 by

Richard Tweet KL2AZ, Secretary

ANCHORAGE AMATEUR RADIO CLUB

BOARD MEETING

May 31, 2018

Telephonic Board Meeting

APPROVED

The meeting was called to order at 8:00 PM by President Lara Baker AL2R

A quorum was established as follows

Officers

President – Lara Baker AL2R

Treasurer – Jill Heimke WL7BTT   Secretary – Richard Tweet KL2AZ

Directors

Dave Heimke AL7LO

Alice Baker KL2DG

Lillian Marvin KL7YF   Dan Knapp KL4CX

T.J. Sheffield KL7TS   Keith Clark KL7MM

Dave Webb N9AIG

AGENDA ITEMS

Arcticom-hosted repeater

Discussion prior to a motion being made noted the outstanding balance of $660 and balance through June 1st of $890 due to Arcticom for the Grubstake repeater. Lara Baker AL2R noted he had met with manager of Arcticom and that a reduced rate of $100/month was offered. Motion made by Keith Clark KL7MM, seconded by Dave Heimke AL7LO that AARC stop paying rent for this facility. Discussion noted current use of the repeater by ARES, remote control capability, current license registered to Alaska ARES, Jim Wiley KL7CC Trustee. T.J. Sheffield KL7TS offered to donate approx. $1500.00 to bring the balance current and provide additional time to research funding options for the repeater site, research requirements to AARC of shutting the site down such as vacating the AARC equipment from the site, site access by helicopter or other means. The motion carried unanimously. The AARC will handle payments from the KL7TS donation to Arcticom.

Professional Fundraising Contract

Motion made by Dave Heimke AL7LO, seconded by Keith Clark KL7MM that the Anchorage Amateur Radio Club fund a professional fundraiser, Ken Miller C.F.R.E. (Certified Fund Raising Executive), for a 3 month program at a cost not to exceed $8,000.00.

A lengthy discussion was held including Mr. Miller's background and qualifications, AARC fundraising/ donations to date, processes and next steps after initiating the program, mailings, training, and grant applications. The motion carried unanimously.

ADJOURNMENT

The meeting adjourned at 9:04pm.

Respectfully submitted as recorded on 05/31/2018 by

Richard Tweet KL2AZ, Secretary

ANCHORAGE AMATEUR RADIO CLUB

MEMBERSHIP MEETING

June 7, 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 (22 signed in). Members and guests introduced themselves.

Announcements

Lara Baker AL2R reported on the Gold Nugget Triathlon supported by the AARC, The event had 1600 participants along with 18 AARC volunteers, 11 bears and 5 moose.

Business

Lara Baker presented proposed AARC Bylaw changes to the members for review which will be voted on at the August membership meeting as there is no July Membership meeting. 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 AARC Board action of May 31, 2018 telephonic meeting regarding the Board approved motion of hiring a professional fundraiser, Ken Miller C.F.R.E, to provide a 3 month program providing fundraising resources to the AARC was presented and explained to the members. Motion made by Dave Heimke AL7LO, seconded by Dan Knapp KL4CX to approve the Board resolution to allocate up to $8,000.00 to hire Ken Miller for fundraising and fundraiser training. A quorum was established. The motion passed unanimously.

Kent Petty KL5T reminded the membership of the ability to support the AARC through Amazon Smile and Fred Meyer Rewards.

Presentation

Dave Heimke AL7LO gave a presentation on the upcoming Field Day event to be held at the RSOC. This will be the 3rd Field Day held at this facility. Dave gave a history of AARC's participation in Field Day and noted that this year AARC would be operating as an Emergency Operation Center. A noted advantage is that the AARC Lease includes the BP41xd grid square.

Dave noted that this event is a great opportunity to practice emergency preparedness, present a social gathering opportunity, practice on different and unfamiliar radios, develop new skills, participate in the contest, and HAVE FUN!

The TM271A winning raffle ticket was drawn and the radio was won by George Dodge.

DOOR PRIZES

3 Door prizes were awarded

The membership was made aware of a possible 10 week General class starting in September and also that the AARC is planning for a Hamfest at the RSOC also in September.

The meeting adjourned at 8:05pm and was followed by a 30 minute Tech Talk on frequency oscillation. These Tech Talks will occur after every Membership meeting at the RSOC and will generally be 30 minutes long.

Respectfully submitted as recorded on June 7, 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

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 & High-way 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

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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

July 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 7pm Fundraising Committee	3	4 **Holiday** **NO** AARC Working Wed. at RSOC	5 **NO** AARC Membership Mtg ARES Net	6	7 AARC Working Saturday at RSOC 10-3
8	9 7pm AARC Finance committee Meeting	10	11 6PM AARC Working Wed. at RSOC	12 ARES Net	13	14 AARC Working Saturday at RSOC 10-3
15	16 7pm Fundraising Committee	17 7PM AARC Board Meeting	18 6PM AARC Working Wed. at RSOC	19 ARES Net	20	21 AARC Working Saturday at RSOC 10-3
22	23	24	25 6PM AARC Working Wed. at RSOC	26 ARES Net	27	28 Friends of Pets + AARC Working Sat. at RSOC 10-3
29	30	31				

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 manuals for items. I will

Have the both look.

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; 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.net*

Your current AARC Board/Officers