

Anchorage Amateur Radio Club Newsletter



**Next General Meeting
December 1, 2017
Carr Gottstein Building - 7:00pm**



Veteran's Day November 11, 2017



Veterans Day* is an official [United States public holiday](#), observed annually on November 11, that honors [military veterans](#); that is, persons who served in the [United States Armed Forces](#). It coincides with other holidays, including [Armistice Day](#) and [Remembrance Day](#), celebrated in other countries that mark the anniversary of the end of [World War I](#); major hostilities of World War I were formally ended at the 11th hour of the 11th day of the 11th month of 1918, when the [Armistice with Germany](#) went into effect. The United States previously observed Armistice Day. The U.S. holiday was renamed Veterans Day in 1954.

* source Wikipedia

November 3, 2017 General Meeting

Author: [Allen, KB1QCE](#)

The November club meeting will be a busy one. Our budget will be presented to the membership and will be voted on. There will be a live auction for a Hi-Vis Jacket with all proceeds going to the club.

There were many requests for first aid training from the survey done last month. This month we will start disaster preparedness training with Disaster Medical Part 1.

Start planning for the AARC December meeting/Annual Christmas Party. The location could be at the usual APU location or at our new home (the former FCC Building). It all dependent on if the lease is signed in time. We will have an "ugly" or cute Christmas shirt/sweater/hoody contest. There will be special points given for "electronics" used.

Also at the December meeting will be gift swap. To participate, you must bring a wrapped gift, suggested value between \$15-25. Please no white elephant or get rid of your unwanted junk gifts.

Due to budgetary constraints, the food this year will be a pot luck of "finger foods". Based on your last name, please bring either "savory" or "sweet" finger foods. Please Do Not bring anything that requires a spoon or fork (there will only be plates, no spoons or forks). A-L please bring "savory" items. M-Z please bring "sweet" items. The club will supply plates, napkins, water and an assortment of sodas.

Hi-Vis Jacket Auction

"Like new," 4-way jacket will be auctioned at the November AARC meeting. It is a fleece lined hi-vis hooded jacket, a fleece jacket, a hi-vis water resistant shell. It is size 3XL, however with the elastic cuffs and waist, it would be comfortable down to a size XL. All proceeds go to AARC.



Simulated Emergency Test (SET)

October 7, 2017

Participation

Summary of events on October 7, 2017.

Thanks to Keith KL7MM, T.J. KL7TS, Kent KL5T, Rich AL4S, and Dave N9AIG who contributed to this summary.



The group convened at 0800 at the AARC club house on October 7, 2017. The building lights were turned off, the 12KW diesel generator was started and spider boxes were energized with subsequent equipment energized (see equipment listing). Flashlights, miner's lights, and area lights energized from the diesel generator were used throughout the exercise.

Power: The shikawajima—Shibaura (now IHI Shibaura) diesel generator rated at 20.1 HP @1800 RPM drives an Alaska Diesel—Electric Seattle, WA generator rated at 12KW at 1.0PF. The diesel will consume about 0.62 gallons of fuel at 1/2 load.

During the previous three working Wednesdays, an inventory was compiled to determine if there would be sufficient capacity to do the SET exercise using a single 12KW generator. The spreadsheets indicated that there was sufficient capacity, assuming linear amplifiers were cycled with normal operation. There was some question if the 5KW electric space heater could be utilized on top of all the radio gear that had to be energized.



Cable (4/c #6) (light blue) was pulled from the diesel generator set to the first spider box located outside the equipment closet just off the garage. This is a location with some UPS loads, the elecraft equipment, and the Acom 2000A amplifier. The top was removed to monitor the diesel generator load with the aid of clamp-on ammeters.



The clamp-on ammeters indicated that the steady state load was 28 amp and 32 amp on the two hot legs of the generator. This current would peak to 43 amp on the hot legs with the amplifiers (generator rated 50 amp max at 240 V).

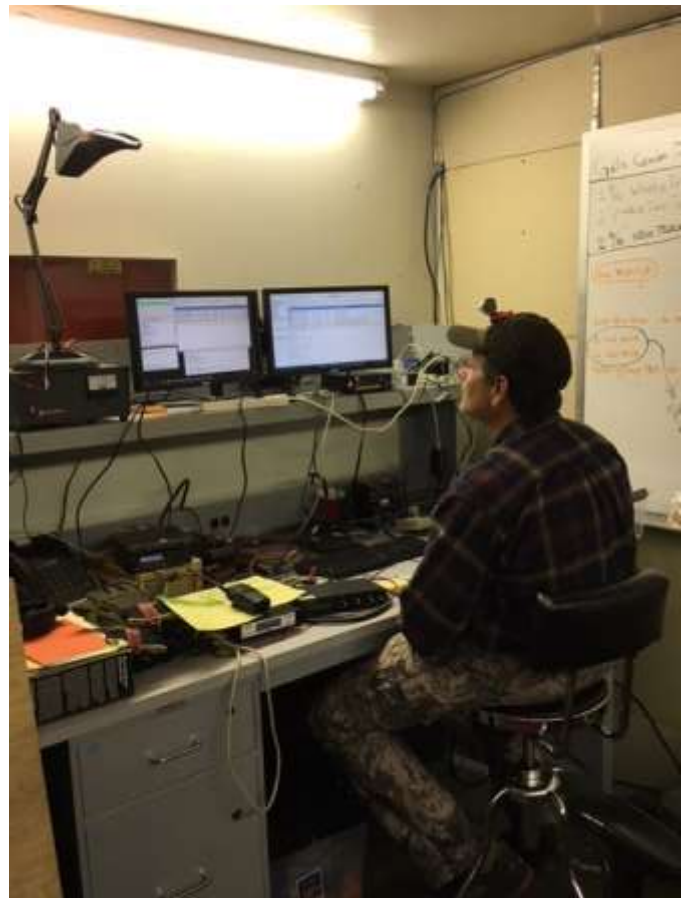
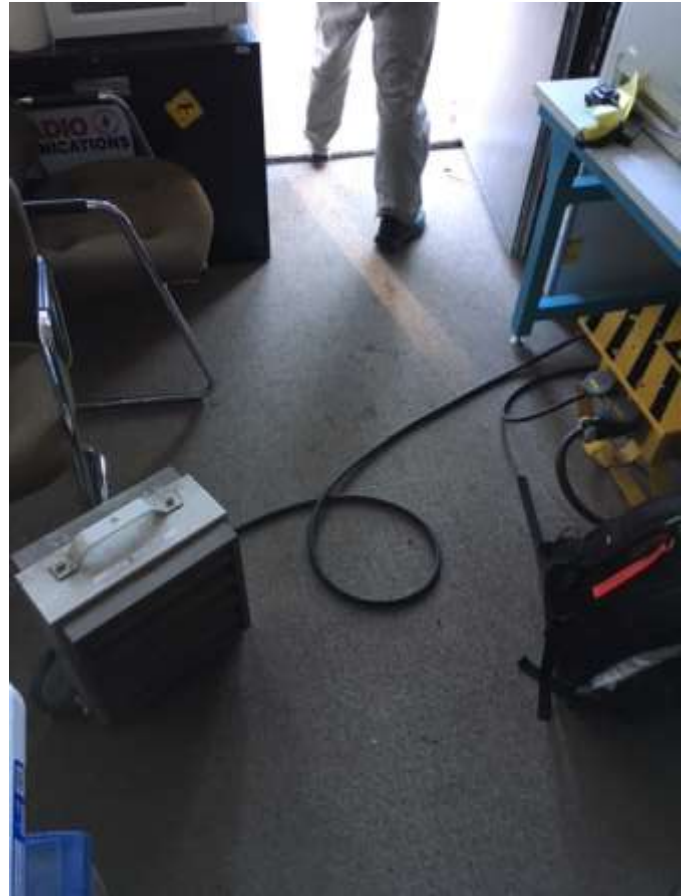


The second spider box was fed from the first box outside the equipment closet. This box fed all equipment in the front room plus the 5KW space heater.

The MTV was activated and taken to a possible congregate care facility.

Traffic was passed to the Club station via VHF phone for relay to the Valley communication center.

Kent KL5T checking the mesh network after the SET to insure all was restored to normal operation (house lights back on for the photo).



T.J. KL7TS insuring the Elecraft station is set up for operation after the SET. Dave N9AIG is to the right and Kent AL5S is to the left (house lights back on for the photo).



AL4S monitored VHF/UHF and tracked satellites. He made one Sat QSO on SO-50 with WB7VUF in Oregon. Later, KL7MM called in with traffic for KL7EOC. The message was hand copied on the ARRL form. Then the message was passed verbatim on the 9600baud WinLink to the addressee.

The next page has a page of WinLink Express.



In Packet Window session:

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (0 unread)	2017/10/07 19:22	24F140V90AKA	595	KL7FU	KL7FU	KL7AA-1	Re: //WL2K APRL Radiogram-000
Read Items (0)	2017/10/07 19:17	1D99N78RWS	405	KL7FU	KL7FU	KL7AA-1	ACK //WL2K APRL Radiogram-000
Outbox (0)	2017/10/07 18:52	BKCSG3FQ4LV	403	KL7EOC	KL7EOC	KL7AA-1	ACK //WL2K APRL Radiogram-000
Sent Items (67)	2017/10/04 21:05	MTYK2ZU255B5	374	KL7EOC	KL7EOC	ANCHR	//WL2K Calligns at AK State EOC
Saved Items (7)	2017/05/23 04:28	X0F900424Z9	382	KL7AEC	KL7AEC	KL7YK	//WL2K KL7AA Stopped Again. but

Message ID: 24F140V90AKA
Date: 2017/10/07 19:22
From: KL7FU
To: KL7AA-1
Source: KL7FU
Downloaded-From: EPO:WL7CVG-10
Subject: Re: //WL2K APRL Radiogram-0001-8-Rome-KL7HTV-11-ANCHORAGE ALASKA-OCT 7 10211

ACKNOWLEDGED
----- Message from KL7AA-1 sent 2017/10/07 18:46 -----
Message ID: 2AAG9450CT09
Date: 2017/10/07 18:46
From: KL7AA-1
To: KL7EOC
Cc: KL7FU; ADHSL
Source: KL7AA-1
Subject: //WL2K APRL Radiogram-0001-8-Rome-KL7HTV-11-ANCHORAGE ALASKA-OCT 7 10211

Packet Window Session
Exit Settings Switch to Peer-to-Peer Session Channel Selection: 1000 Baud Mark Stop
Connection type: Direct To: WL7CVG-10 To: []
Connection script: [] Edit script Add script Remove script
Received: 170 Sent: 347 Time to next Autoconnect: 05:20

P> W
P> T
-- Sending 000000V9P9K
P> C
-- Completed send of message 000000V9P9K
-- Sent 1 message: Bytes 473, Time 00:07, bytes/minute 374
P> R
-- End of session at 2017/10/07 20:07:11
-- Messages sent: 1, Total bytes sent: 473, Time: 00:05, bytes/minute: 161
-- Messages received: 2, Total bytes received: 2, Total session-time: 00:31, bytes/minute: 0
-- Disconnecting
-- Disconnecting at 2017/10/07 20:07:39
-- Disconnect required

The AARC and Anchorage ARES participated in the ARRL Simulated Emergency Test (SET) on Saturday, October 7. We had a limited focus this year due to our focus on our anticipated move to the FCC building, but we did manage to get a few good things accomplished and learned a few lessons.

A main effort was to fully operate the club station on backup power. This was led by Dave Webb, N9AIG. For a couple weeks prior to the event, Dave worked with TJ Sheffield, KL7TS and Keith Clark, KL7MM, to evaluate all of the equipment power loads throughout the facility. This drove a plan to power the place with one of our trailer-mounted generator sets, heavy duty extension cords, and several spider power distribution boxes. We also evaluated our ability to operate on several battery banks on the site. The generator worked as planned, and by and large our power distribution scheme worked as we hoped, but we did certainly find a need to improve our backup DC power banks.

We were unable to deploy anyone to the Alaska State EOC (SEOC) for the exercise, so instead “relocated” the SEOC comm function to the club station. We ran Winlink traffic on the MESH network, 1200 baud packet on 2 meters, and 9600 baud packet on 220 and 440. HF conditions were actually good for a change during the day and we successfully ran HF packet traffic to Fairbanks direct from the club station, and also remotely used the ANMC HF RMS Gateway as a means to run traffic to Fairbanks. Finally, Keith “rolled” the MTV to a local school parking lot to simulate deployment to congregate care center and passed traffic back to the club station for relay to the SEOC on simplex voice.

All in all, we had a good event with much learned about traffic handling and routing. The MESH network performed as desired, and our linking of all of the various Winlink RMS gateways over the MESH worked great to help move traffic smoothly and simply. We look forward to our next SET, hopefully operating from the FCC building!

SET Equipment Inventory Page 1 of 4

Area: Equipment Closet (off garage)

No.	Equipment Name	Model #	Volts	Amps	VA	PF	Watts	Notes
1	Acom amplifier	Acom 2000A	240		3500			automatic HF linear amp
2	Astron DC supply	RM35A						supplies 25A continous 35A intermittent
3	Astron DC supply	RM35A						supplies 25A continous 35A intermittent
4	West Mountain Radio	Powergate PG40S						
5	West Mountain Radio	Powergate PG40S						
6	Netgear	FS750T2						
7	Linksys router	EA6900						
8	Packet communicator	Kantronics 3 plus						
9	Packet communicator	Kantronics 3 plus						
10	Dell computer & monitor							
11	Relays							
12	GCI modem	Hiron						
13	Huges mo-	HN7000S						
14	Gardian Se-							security system
15	APC UPS	Smart UPS 1400				0.9	600	

SET Equipment Inventory Page 2 of 4

Area: Elecraft Station Room (all power comes from

No.	Equipment Name	Model #	Volts	Amps	VA	PF	Watts	Notes
16	Elecraft ra-	KX3	12V		2			
17	Elecraft am-	KXP100	12V		24			
18	Dual switch controller	DRC8	12V					
19	Linksys router							
20	Antenna tuner	Sams						
21	SCS pactor	P4			0.25			
22	Elecraft	K3	13.8 DC		22			
23	Elecraft pa-nadapter	P3			0.5			
24	Three computer monitors	Dell (2), Acer (1)						
25	Bridgecom 220Mhz radio				6.7			
26	Steppir	Fluid Motion				15		
27	SCS tracker			12	0.09		48	
28	Dell computer	Optitplex 380						
29	Micro Keyer				0.4			
30	Mona	Moxa Uport			2.3			

SET Equipment Inventory Page 3 of 4

Area: Front Room (uses wall plugs for power)

No.	Equipment		Amp			Watt		Notes
	Name	Model #	Volts	s	VA	PF	s	
31	Kenwood radio	TM-D710G	12		13			
32	Dell computer							
33	2 computer monitors							
34	Yaesu radio	FT-847	12		22			
35	Elevation controller	G-5500						
36	LVB tracker							
37	Antenna switch controller							
38	2 computer monitors							
39	Micro keyer				0.4			
40	APC UPS	APC-700						
41	APC UPS	APC-1000						
42								
43								

SET Equipment Inventory Page 4 of 4

Area: Mesh station (power from outlet in garage)

No.	Equipment Name	Model #	Volts	Amps	VA	PF	Watts	Notes
44	2 Dell monitors							
45	Astron DC power supply	RS-35M						
46	Dell computer							
47	Bridgecom							
48	Kantronics packet communicator							
49	Kenwood radio	TM261	13.8 DC		11			
50	Total for mesh station		120		538	0.78	400	measured at power strip

Area: Other

No.	Equipment Name	Model #	Volts	Amps	VA	PF	Watts	Notes
52	5KW Heater		240					5000 locate heater in hall between stations
53								
54								
55								

Eagle River Valley APRS Digipeater Activated

A recent need was noted to improve APRS digipeater coverage throughout the area. To help support that need, KL5T fired up his Kantronics KPC3+ TNC driving an Alinco DR-1200 2-meter mobile at his home in South Fork, Eagle River. The digipeater is KL5T-10 on the APRS frequency of 144.39 MHz and is servicing the Eagle River Valley area.



This digipeater hits the KL7AIR-10 (EARS) digipeater on Elmendorf AFB and appears to be doing a good job of picking up APRS bursts up and down the Eagle River Valley. A bit more testing is in order to get a good feel of the coverage area, but we already know it's picking up beacons from locations previously unheard and ungated to the internet.

A few areas that still need APRS digi coverage include:

1. Hope
2. Portage – Girdwood – Indian
3. South Birchwood – Eklutna
4. Eklutna – Junction Glenn / Parks Highways
5. Palmer
6. Pittman Road – Big Lake – Houston (west of Wasilla)

If you think you can help with APRS digipeater coverage, please contact Kevin Opalka, KL2NV at aprs@kl7aa.net to coordinate activation or assembly of a station.

73, Kent, KL5T

APRS – Anchorage / Mat-Su In Need of Digipeaters

We've conducted a review of APRS activity in the Anchorage / Mat-Su Valley areas. The review included analysis of activity directly detected on the KL7AA-10 Digipeater / I-Gate located on the Anchorage Hillside, the KL7AIR-10 Digipeater / I-Gate located at the EARS Club Station on Elmendorf AFB, and on the KL7JFU-4 Digipeater. Findings indicate what most APRS users in the area already know, but this review verifies those thoughts. The data includes APRS activity from October 1 – October 24, 2017.

The following images were pulled from the APRS.fi website. Each reflects APRS beacons heard DIRECTLY by the station indicated. Areas shaded in DARK RED reflect more packets heard in those areas. Areas with no shading indicate no packets heard.

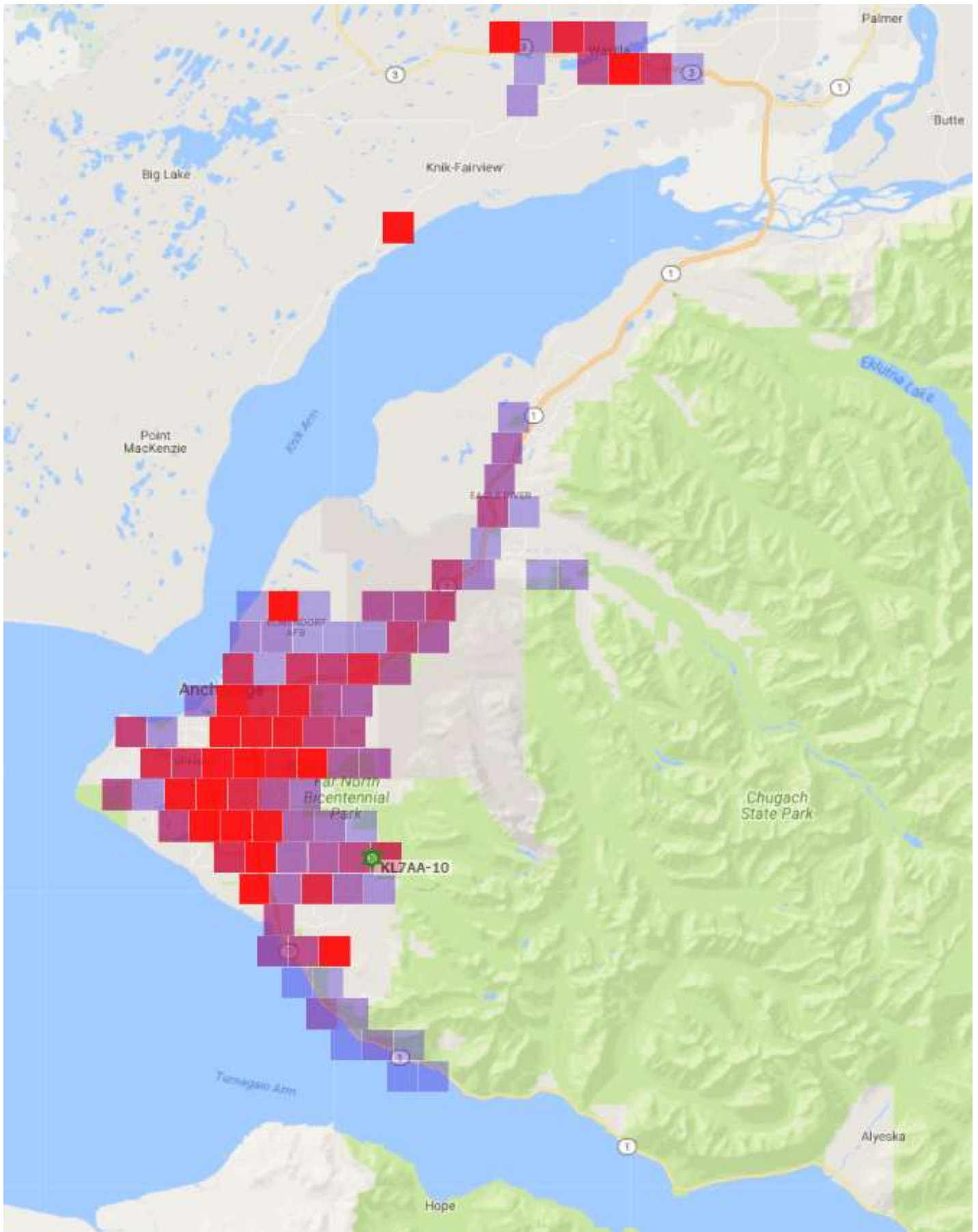


Figure 1: KL7AA-10 Digipeater / I-Gate

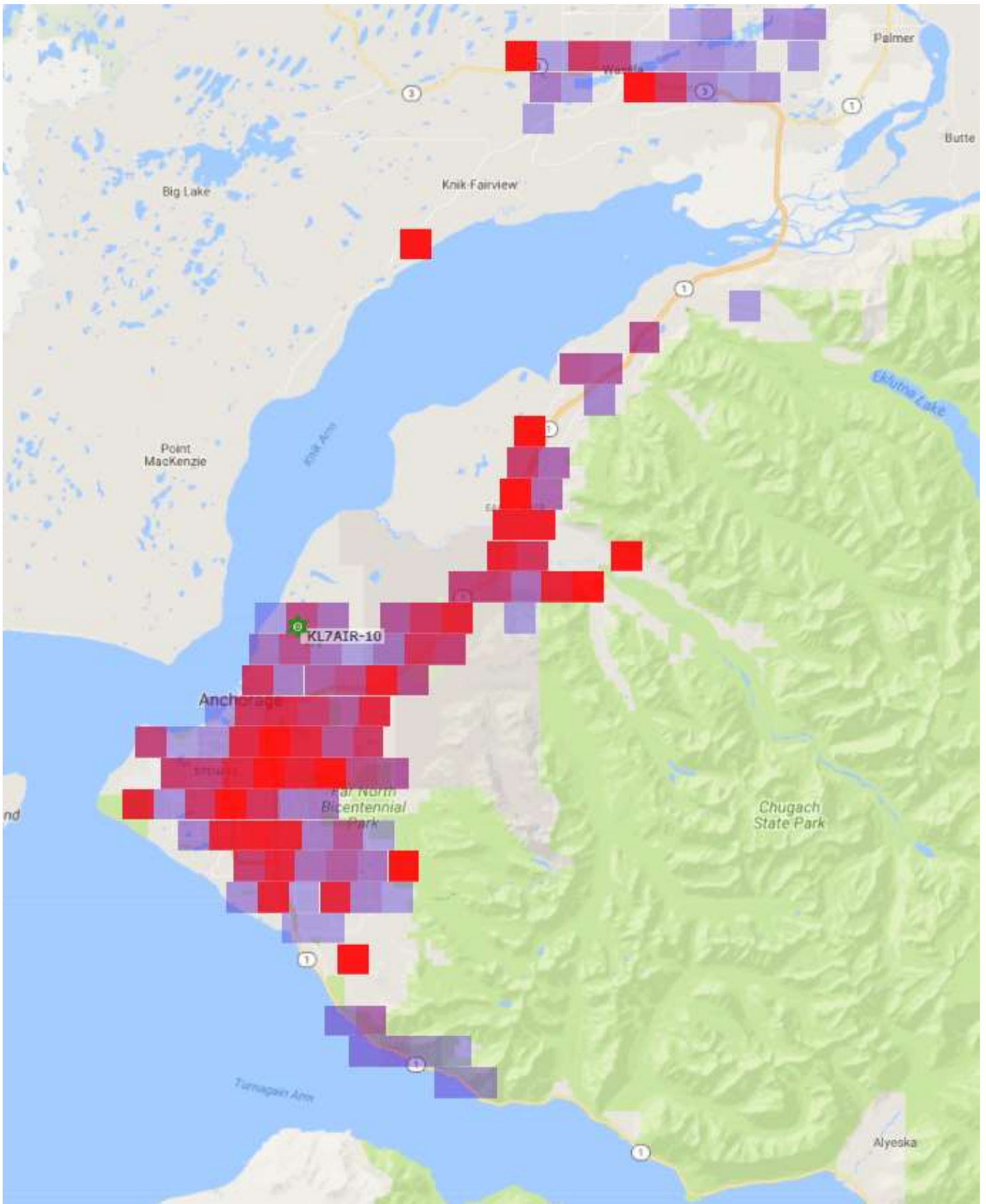


Figure 2: KL7AIR-10 Digipeater / I-Gate

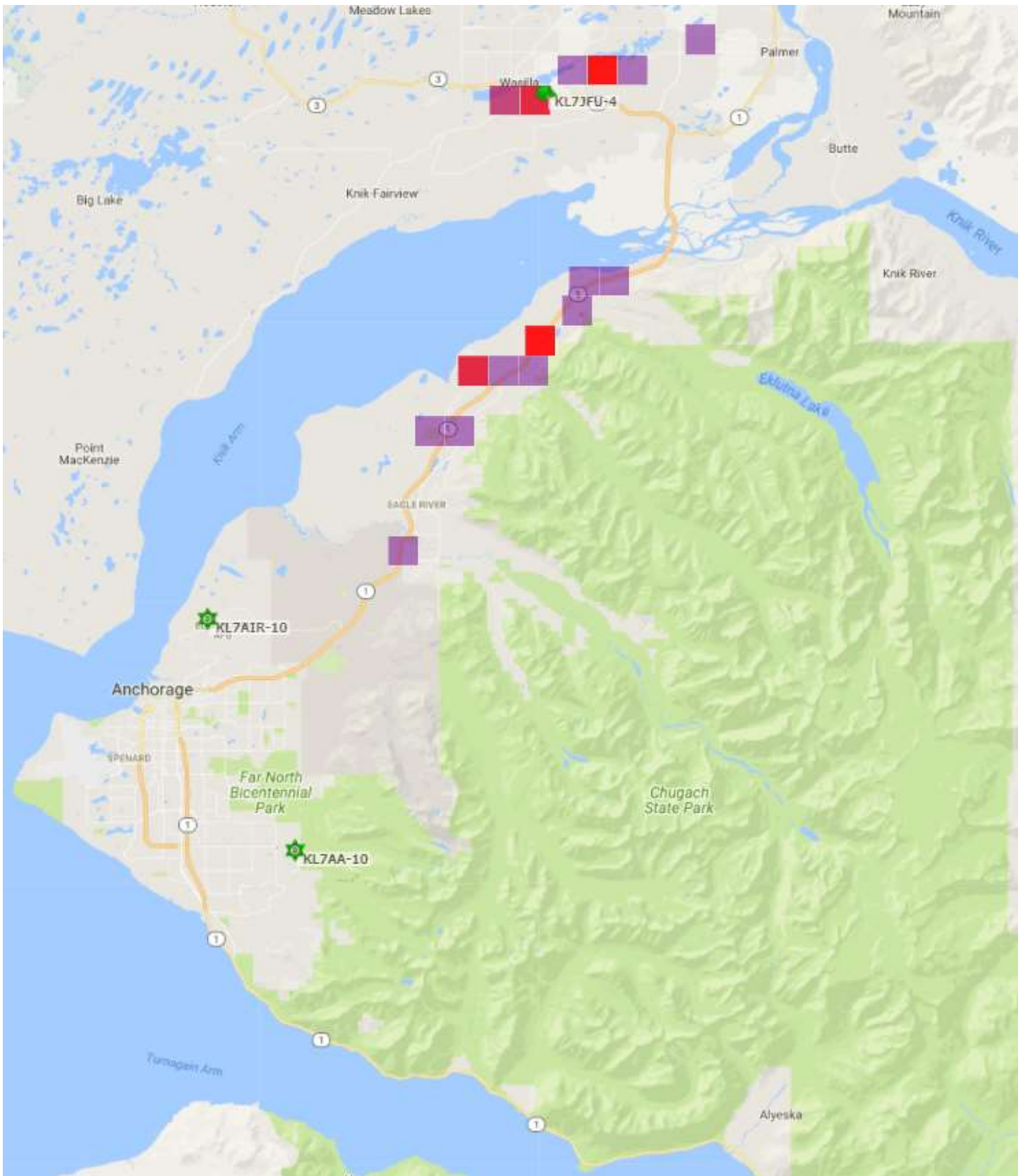


Figure 3: KL7JFU-4 Digipeater

The data suggest that the following areas have a need for APRS Digipeater placement. Areas are listed from south/east to north/west:

1. Hope
2. Portage – Girdwood – Indian
3. Eagle River Valley
4. South Birchwood – Eklutna
5. Eklutna – Junction Glenn / Parks Highways
6. Palmer
7. Pittman Road – Big Lake – Houston (west of Wasilla)

If you live in one of these areas, have a 2-meter radio and Kantronics KPC-3+ TNC, you have the ability to put up an APRS digipeater. If you live in one of the indicated areas, don't have this equipment, but are willing to host an APRS digipeater, we probably have equipment needed to deploy to your location to help with coverage. If you have your own gear and are willing to set up an APRS digipeater, or you are simply willing to host an APRS digipeater, please contact Kevin Opalka, KL2NV at aprs@kl7aa.net to coordinate activation or assembly of a station.

Thanks for being willing to help out our APRS effort!

73, Kent, KL5T

Power Outage Takes Down Systems

A power outage struck parts of South Anchorage and the Anchorage Hillside a few days ago. The outage took down a few of our hillside assets for about 2 hours because they don't yet have backup power systems installed. In particular, both of our Hillside Mesh Nodes were hit at the same time and were down for the duration of the outage. This outage basically took down the southern half of the MESH as each of those two stations provide critical relay between the south and north parts of town.



Not to worry. No damage was done and equipment is already in hand to remedy the situation. We've acquired "buck" DC voltage converters which will let us take 12 VDC from a battery on site, step it up to 24 VDC, and input that to the Power Over Ethernet injectors for the Ubiquiti MESH nodes.

Ultimately, we hope to equip all MESH nodes with either a UPS to run the Ubiquiti supplied active POE injectors, or with the Buck converters to run off battery power.

Mother nature is keeping us on our toes.

73, Kent, KL5T

New Contact / Board of Directors Page Correction

A correction is due because I (N9AIG) jumped the gun in our last newsletter. George Wilkinson II KL1JJ was inadvertently omitted from the board listing. George's term goes until the end of this year and then he is retiring from the board. George: thank-you for your years of service with your solid business sense (and sense of humor).

AARC is Accepting Credit Cards!

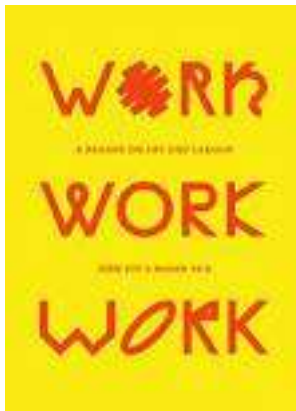
AARC can accept your credit card for payment (via Square Reader) of dues and donations. See Kent KL5T at the next club meeting, club working Wednesdays or board meeting. Note that accepting credit card payment via our web-site is still in progress.

Fall is 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!



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 M
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

An opportunity to have “eye-ball” QSO’s and get a project completed!

Donations

The AARC can't operate and maintain the resources we own without adequate funding. Expenses include rent for repeater sites, web and telephone services, club station facility rent, insurance, vehicle and generator fuel, vehicle registration, etc.

We can accept tax-deductible donations as we are a 501(c)(3) charitable organization. We are happy to accept direct donations or contributions but are always exploring other ways to generate the needed income to fund our important activities.

Tax-time is just around the corner; go to the AARC home page and click on "Donations." You can make a tax-deductible donation and help the AARC's budget.

Have you signed up?

(It really is painless)



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 one hundred by the next membership meeting in September!

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.

2017 RunFest First Time Volunteer

By [WALTER YANKAUSKAS](#) Published [AUGUST 28, 2017](#)



I volunteered for the 2017 Runfest in Anchorage. It was the first time I volunteered for helping with an event as a ham radio guy. I was sent a spreadsheet, some documents, and I looked at the Runfest website. I was assigned to Westchester Lagoon #2. I had a vague idea of what was involved and where I was going to go.

On Sunday the Runfest hosts 5 races down the Coastal trail. All the races start and end downtown. They run an ultra-marathon (49K – about 30 miles), a marathon (about 26 miles), a marathon relay, a half-marathon (about 13 miles) and a 5K. During the whole weekend there are about 2,600 participants and 800 volunteers.

The ultra-marathon heads out to Kincaid Park, a turnaround, then up the Chester Creek Trail, a turnaround, and back to downtown. The marathon follows pretty much the same course, but the turnaround is before Kincaid Park. The half-marathon turns east up the Chester Creek Trail and uses the same turnaround as the other 2 races. The 5K turnaround is before the tunnel to Westchester Lagoon.

I have a Baofeng handheld that I hadn't touched in months. I wanted to make sure that I had the repeater programmed into it, so that there was no way I could mess up the configuration when I was down at the lagoon. I was messing around programming the Baofeng on Saturday afternoon. I couldn't hear myself on my base station radio. I was getting stressed. I wasn't sure that I was set up properly, but there was someone on the repeater that told me that I was getting through OK. Big relief. I charged up the regular batter and the big battery.

The spreadsheet said that my location, Westchester Lagoon #2 at mile 2.2 was "50 yards west of the intersection of the Coastal and Chester Creek trails". Isn't that out in the mud flats? The description of the location works out to be right over the railroad track.

I went down to the lagoon on Saturday, and I thought that Westchester Lagoon #2 aid station was the wide spot in the trail just in front of the hook shaped boardwalk south of the Coastal and Chester Creek trails intersection located over the outlet of Westchester Lagoon. Maybe the "50 yards west" should have been "50 yards South".

I went down to the lagoon on Saturday, and I thought that Westchester Lagoon #2 aid station was the wide spot in the trail just in front of the hook shaped boardwalk south of the Coastal and Chester Creek trails intersection located over the outlet of Westchester Lagoon. Maybe the "50 yards west" should have been "50 yards South".

The weather forecast called for rain all day. I packed up my rain jacket, umbrella, boots with thick socks, extra baggies, hand held radio, extra battery, snacks, and a free standing rain shelter.

I got up early on Sunday morning. I am not a morning person. A bit before 7:30 AM, there was a crew setting up an aid station just across the trail from the Westchester Lagoon parking lot. I walked out to the Coastal and Chester Creek trails intersection. Nothing. I went down to where the boardwalk heads out to the west on the west side of the lagoon. Nothing. I kept walking South, and where Woodworth Circle dead ends at the Coastal Trail, there was a 2 mile race marker sign, right around where "mile 2.2" was on the map. I continued walking south to Fish Creek and didn't see anything else race related.

Anyone else have a radio warning sign and a Frankenstein sized spark gap?



When I walked back, about 50 feet south of the Coastal and Chester Creek trails intersection, there was a group of high school kids and a Downtown Partnership pop-up tent was going up over a table with water and cups.

At the main aid station I set up my rain shelter. It's a lightweight model, nylon tarp with aluminum poles, great for rafting or canoeing. We put it over the back of the Gatorade table. It was nice to have, but I didn't spend much time under it. It was usually full of teenagers.

This was an interesting station because of all the activity. The ultra-marathoners and marathoners went by 3 times each, and the half-marathoners went by twice.

The ultra-marathon (green bib) and the marathon walkers started at 8 AM. They got down to my area around quarter after 8. Half of the racers had an extra layer on, so sometimes you couldn't even see a bib, never mind trying to read the number. Lots of runners.



After the big pulse of marathon runners (orange bib) went by, around a quarter to 10, the water only aid station on the Coastal Trail was shut down. At first the big question was how do you move over a hundred paper cups half full of water from one aid station to the other one? The answer was you just pick up the table and walk it the two minutes to the new location.

There was an interesting mix of people on the trail. In addition to all the runners, there were the regular daily users of the trail and the tourists, running, walking, pushing strollers, and on bicycles.

I was trying to pay attention to the radio, but sometimes it got real noisy. At one point there were a dozen teenagers at the aid station playing music on a Bluetooth speaker, runners going by, people cheering the runners on, the guy with the cowbell, floatplanes overhead, a polka band further down the trail, not to mention the train. I was looking for a runner with a new bib color.

At times it was a three handed operation. First, it was raining. I needed to hold the umbrella. I needed to hold the radio. I needed to write down the sex and bib color and the bib numbers of the first runners going by. When it was busy, all of us were reporting where the leaders of 5 different races were, separately for males and females, and sometimes it was a couple of minutes before you could get through on the net. I think I did OK. Didn't trip over my tongue too often. Remembered to ID every so often.

It was interesting seeing the wide variety of people running by. Most of the runners looked like they were doing okay. There were some runners that didn't seem to be really enjoying themselves but they were doing okay. Then there were runners that seem to be having a miserable time. Some of them looked like they had joint problems. Rather than going at a comfortable running pace, they seem to be clomping along like Frankenstein.

Then every so often you would hear a conversation going on. Two runners, in a marathon, having a conversation while they were running along the trail. No big deal.

The tourists were interesting too. One of them asked where the “moose breeding grounds” were. I had to have him repeat the question a couple of times because I had never heard of the “moose breeding grounds”. Apparently the guy that rented the bicycles said that there were “moose breeding grounds” down near Kincaid Park. Once I heard Kincaid Park I was able to point him in the right direction. Some of the tourists would ask which trail they should take to get to where they wanted to go. I had to ask what their destination was so that I could give them directions.

The aid station was staffed mainly by cross country runners from West High School. They were helping out and having fun.

My wife loves the Food Network on TV. So I get to see a lot of shows about restaurants. One of the food service basics is: never touch the rim of a glass with your hands. I had recently talked to some people that went into a new place in town, and the water glasses were upside down on the table. They thought about the same bar rag used to wipe down the bar, the tables, the seats, a bacteria spreader. They got new glasses.



But... How do you hand a cup to a runner? You have to hold the cup by the rim so that the runner can grab the bottom of the cup as they run by. If you have a bunch of teens next to hundreds of empty paper cups, it won't be long before there are walls and towers and castles made of paper cups. I decided to not worry about it. If you were that scared of cooties, you wouldn't be running along a trail in Alaska where moose are being seen and reported over the net along both the Coastal and Chester Creek trails.

There was one older lady that looked out of shape, she didn't look like she was having fun, she didn't appear to have an efficient gait for running. But, she was in the ultra-marathon. She had skipped enrolling in the marathon and went for the ultra-marathon! I couldn't believe it.

On the net there were some philosophical discussions. Was it proper to cut the zip ties on the doors of the porta-potties without explicit permission?

One of the advantages of being on the lagoon was that you could see how hard it was raining by looking at the water. You didn't have to rely on just the sound of the rain falling.

There were runners that were dragging their feet the whole way. You could hear the scrape, scrape, scrape from down the trail. Like someone in a pair of scuffies heading from the bedroom to the kitchen. These must be the people that need to replace their shoes every two months because they wear out the tread on the bottom. One of the odd things was that you can see and hear these people clomping along like Frankenstein, or someone else dragging their feet, and then in back of them would be someone smiling, light on their feet, having a great time. And then you have to wonder how is it possible that this person that seemed to be running fast and comfortably was still in back of the people dragging their feet and clomping? I could never figure that one out.

I was minor player in a goat rope search for a runner that might have needed some aid. There were some reports that there was a runner with a dark hoodie that looked like he was doing bad on a hill somewhere up near 2nd and Christiansen. Net control relayed the request down to Westchester Lagoon. I went over to Team One's tent to talk to them. One of the paramedics headed out with a large, heavy backpack of gear. It was a huge backpack, as large as something you are going out into the bush for a week with. She hopped in a vehicle and tried to track down this mysterious runner that needed help. She went to 2nd and Christiansen, didn't find them and then back tracked to the finish line. She had fun with the crowds and the blocked streets. She found a spot between two police cars where she thought she could park for five minutes while she tracked the hoodie runner down. She didn't want to sneak up on the police car from the back and knock on the driver's side window, surprising the cop, so she circled around the long way so that the cop would see her coming. She was able to park there and then continued on foot to the finish area. She found the other medical group downtown with doctors and a group of 8-10 people staffing it. Why did they send one of the two paramedics at Westchester Lagoon to check it out when they had all these people downtown? They said that they had briefly glanced at the guy with the hoodie. He was fine. The paramedic made her way back to Westchester Lagoon.

When most of the half-marathoners had gone back through Westchester Lagoon, three of the women half-marathoners took a 90 degree turn off of the course. I thought that they were going to head back to the porta-potties, but they went over to the playground equipment. 11 miles into a 13 mile race. They were playing around on the equipment, taking pictures with cell phones and there was a lot of laughing. After a few minutes they walked back to the course, smiled, waved, and started running again.

Things were really slowing down by 2 PM. The teenagers were released from the aid station. The radio was really quiet. Then a weird thing started happening. It was over two hours after the race was over. There were still people on the trail, but the race was done. The people way back in the back of the pack would smile, wave, and thank us for volunteering!

Around 2:30 we were waiting for the sweep bicycles. I was expecting to see a group of about three bicycles with everyone wearing reflective vests and maybe some kind of official run fest sign on them. Over the radio I was told that "Loki" cancelled out as a sweeper. Wasn't Loki the bad guy in the Marvel movies? Didn't he have the long horns?



One guy showed up with a fancy cargo bicycle that was imported from the Netherlands. He had a stack of race milepost signs in the cargo pod. I talked to him. He said that four out of five of the sweep bicycles canceled out. He was the only one left. He didn't know who Loki was either. He deserves a lot of thanks and a beer or two.

The aid station people left, and it was me and the two paramedics.

Close to 3 PM net control called and said that the course was closed, thank you for your help, and you are free to go home. I told the paramedics that the races were officially over.

Westchester Lagoon at 3 PM on an August Sunday, in the rain, only 5 cars in the parking lot, only about 3 on the street. Like a ghost town compared to earlier in the day. Still raining, couldn't see the bases of the mountains to the east.

The Downtown Partnership Suzuki utility vehicle came down 15th Avenue. It's larger than a golf cart, but smaller than a small pickup. The Downtown Partnership guy started taking down the pop-up tent and picking up the folding tables. A small garbage truck showed up. I headed back home to warm up under a blanket.

That's it. I'm amazed at what it took to put on these races. With all the rain I can't quite say that it was fun, but I'm glad I did it and I'll probably be back again next year.

Walter Yankauskas – KL7WY – RunFest 2017 – Westchester Lagoon

Walter: Thank-you for the article; I'm sorry that this was published so late in the year. (DWW Newsletter Editor N9AIG)

History Lesson

Federal judge Wilson McCandless said the news of Jackson's victory at the battle of New Orleans, "...traveled with electromagnetic velocity..."

Who knew they thought in those terms in 1815!

Thanks for the lesson George, KL1JJ

Emergency radio kit from Southeast Alaska sent to help Puerto Rico broadcaster

- Author: **David Purdy, KTOO Public Media** Updated: October 15 Published October 15

On Monday, a radio engineer in Juneau loaded four nondescript black cases into a truck and drove it to air cargo.

It was one of three emergency radio broadcasting kits of its kind, designed in Southeast Alaska. On Thursday, it arrived in Puerto Rico, where Hurricane Maria wrecked communications infrastructure.

Rich Parker helps keep Southeast Alaska public radio stations on the air (including KTOO).

Part of his job as an engineer working on broadcasting infrastructure means maintaining the emergency radio kits – and he prepped Juneau's for the Puerto Rico Public Broadcasting Corporation.

The emergency broadcasting kit has everything an engineer needs to set up a small radio station in less than a half-hour. Sitka and Ketchikan have similar systems.

"This is what's called a Radio to Go," he said. "It's a kit with studio components: mast with an antenna, a small transmitter and mic and other equipment you need to set up an emergency studio."

The kit has flexible power options. The audio equipment can be powered by a vehicle using an inverter, and the transmitter can even operate at reduced power by wiring together car batteries.

CoastAlaska built the kit. The organization pools business, overhead and staff among a group of Alaska public radio stations, including KTOO.

Mollie Kabler, the executive director of CoastAlaska, said the Corporation for Public Broadcasting had heard about the kit and contacted her.

"Since it's a custom built piece of equipment, I didn't have anywhere to send them to get one," she said, "but I said 'we'll send it.'"

An engineer from public radio station WNYC met the kit in New York and took to WIPR in Puerto Rico. The kit will help the station stay on the air during the hurricane recovery.

[This story was republished from KTOO Public Media in Juneau with permission.](#)

Forwarded to the editor from Elaine Hulse

Sleuthing the Mystery QSL

Author: Dan, KL1JP

Greetings AARC club members, non-members, interested parties and our cheechako group. Dan (KL1JP) and webmaster here with a Sherlock Holmes tale including some general information about QSL cards I thought new radio operators might find helpful.

On Friday, I went to my PO Box to pick up my mail and immediately spotted an envelope from the Alaska QSL Bureau. The Big Lake QSL bureau handles incoming QSL cards from all over the world and will collect, organize and then forward the in-coming cards to your Alaska mail address for the cost of a postage stamp. You simply need to send Big Lake a few dollars every once-in-a-while which they "bank" for your personal postage account. QSL bureaus are run by volunteers who act as collection and distribution points for QSL cards, allowing them to group cards and decreasing the handling costs for you - the operator. A wonderful and essentially free service for the active Ham.



There were 14 QSL cards in the envelope and I immediately spotted an anomaly. A QSL card to KL7KC via myself (KL1JP) caught my attention. I have myself listed as the QSL manager for the club hence the reason I received the card. Historically, all the QSL cards sent to the club PO Box were seldom answered. To rectify the problem (and minimize further complaints), I took that job on as part of the webmaster duties since for many; QSL card collecting is a passion. Personally, I love the paper cards and especially the ones hand-drawn or from Short Wave Listeners (SWL). There is another story about the two SWL cards I received this time too.

Before replying to any QSL card, I always verify the contact actually took place. Oh yes, there are unscrupulous radio operators, who want that valuable Alpha Kilo (AK) QSL card to receive some sort of prestigious award. Not in the log - then you don't get a card. That's my motto.. Of course, digital logs are fairly easy to search while paper logs... Well, what can I say? Perhaps "Don't" is the one word that comes to mind. Some local Fairbanks operators have thousands of contacts a year. How about you?

The card with the KL7KC contact was a very colorful card from Germany (DJ0AH). I did a quick check on QRZ.com to read basic information about the operator. Large antennas and a fair amount of beautiful paper DXCC certificates on his interior walls together with a nice write-up about his activities lead me to believe this guy was no novice - but a professional DX chaser. He simply would not cheat! [HINT #1].

Next examined was the date of the contact. 04/03/2016 @ 07:31UTC on 20m USB 59RST states the back of the card. Now, if that were a Field Day or perhaps a mistaken Skywarn contact then I would believe the KL7KC contact. But 04/03? That seemed rather odd to me. Perhaps some AARC member was accidentally using the club callsign rather than their own? Only a few AARC members are active so I decided to narrow the active Fairbanks operator list with some additional sleuthing.

Since the card states 04/03, I checked the contesting.com website hoping to get an idea of any active contests during that period. Their website archive allows you to search the date of radio contests for previous years. I dialed-in the contests that occurred during April 3, 2016 and found three contests worth noting. A Spain DX contest, a United British contest but occurring only on 6m and a North American Sprint were listed. [HINT #2]

Since I'm listed as the QSL manager, I eliminated myself as a possible recipient by checking my own digital logs. There was an odd chance the card should have been sent to KL1JP rather than KL7KC. My logs exist on my desktop computer, and within eQSL, LoTW and ClubLOG. Checking there, I see no contact with the station DJ0AH in question. So who else runs HF all the time? Emails were sent to Larry (N1TX), to Eric KL7AJ (but he operates mostly as KL7EX), to Mike Sambuco (AL7KC) and to Wes (KL4SB). [HINT #3]

Since the QSL card states 20m 59 RST, which means it was a voice/phone contact and not a CW contact. That likely eliminates Larry and Wes leaving Eric and Mike. If you've ever worked on HF and dealt with the foreign language issue, QRM, QSB and 20m - all at the same time, it's a sure bet you already can guess the rightful owner of the QSL card. That, and the fact it is easy to incorrectly hear "KLxxx" instead of "ALxxx".

I then fired off emails to Mike and Eric. After a quick log check, Mike (AL7KC) did confirm the German contact at the specified date and time. Puzzle solved.

Some additional information is noteworthy. Had this actually been a KL7KC card, my next step would have been to reply to the German operator with an in-kind paper card. I can do this in several ways, including the ARRL outgoing bureau service. Personally, I use GlobalQSL as my outgoing QSL card printer and bureau. For the cost of a few dollars, you can set up an electronic account allowing you to upload your ADIF contact list to their website. You design your own card; front and back and have them professional print and then submit it to the appropriate out-going QSL bureau. You simply cannot make it easier using paper cards. If any of you have received one of my KL1JP/Bornite Alaska cards, those were printed and sent via GlobalQSL and they are gorgeous professionally printed and put simply - pretty cards.

The German QSL card will shortly be in Mike's possession. I'm handing it off to him to include in his collection. Please feel free to stop by the Fairbanks Skywarn operation during the Special Event where Tracy from the NWS office has a wall-full of cool QSL cards sent to KL7FWX to show you.

See you all on Friday
Cheers
Dan (KL1JP, webmaster and detective)

For your reference: Alaska QSL Bureau PO Box 520343 Big Lake, Alaska 99652

Additional references on the next page —————>

Contesting Calendar: <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.contestcalendar.com%2F&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=1DOgDEZ6uxM71VvuMxYtFB%2BbxuUWK5fOEi434WVLPv4%3D&reserved=0>

eQSL: <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Feqsl.org%2Fqslcard%2FIndex.cfm&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=gAzXWhoh6fK2IsuNpkRTAsXOP1WYSGyLdH2OJcRCAjE%3D&reserved=0>

GlobalQSL: <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalqsl.com%2F&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=5MF274%2FbvejGPQVGb4GqUEk8fOTIc3Y4xK6Y54e%2FIhM%3D&reserved=0>

ClubLOG: <https://nam01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fsecure.clublog.org%2Floginform.php&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=Fob%2Fxa9f%2FHNU40n%2BQ602tXPRNCqBwhGTn4WZetBwmwl%3D&reserved=0>

Log of the World - LoTW: <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.arrl.org%2Flogbook-of-the-world&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=acwnAEJZSXKas6vEY31E1Y2eWwESPBy%2B5MBiEtDZu4k%3D&reserved=0>

ARRL Outgoing Bureau: <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.arrl.org%2Foutgoing-qsl-service&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=mktj7Tg7aBR8LnYniRj1P%2FA8UyDFLvnurx7eJvtvUI%3D&reserved=0>

My personal QSL Card Print Service (excellent- 1000/\$70): <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.ux5uqsl.com%2F&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=ST966zDv0z%2Fn1HcrI3ZeyWntNpGUUGwcvZ0pZyd8F6k%3D&reserved=0>

The NWS/Skywarn Office: <https://nam01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fw2.weather.gov%2Fafg%2Fham&data=02%7C01%7Cpowellite%40hotmail.com%7C9c38c20ede48474d5f6d08d51fc56681%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C636449855043219478&sdata=8Ls9821DoLaPflQFdhjKS6PLFXI7pD7Wj8VAF7p9ASk%3D&reserved=0>

ANCHORAGE AMATEUR RADIO CLUB
BOARD MEETING
September 19, 2017
540 WEST INTERNATIONAL ROAD
Anchorage, AK

The meeting was called to order at 7:00 PM by President Lara Baker AL2R

A quorum was established

BOARD MEMBERS PRESENT:

Lara Baker AL2R, Alice Baker KL2GD, Keith Clark KL7MM, T.J. Sheffield KL7TS, George Wilkinson KL1JJ, Kent Petty KL5T, Dan Knapp KL4CX, Lil Marvin KL7YF, Dave Webb N9AIG, Richard Tweet KL2AZ

BOARD MEMBERS PRESENT VIA TELECONFERENCE:

Jim Wiley KL7CC, Dave Heimke AL7LO, Rich Gillin AL4S

NON-VOTING MEMBERS/GUESTS PRESENT

Allen Abbott KB1QCE, Michael O'Keefe KL7MD

EXCUSED BOARD MEMBERS

None

UNEXCUSED BOARD MEMBERS

None

REQUEST FOR AGENDA ITEMS

GUESTS

Michael O'Keefe KL7MD thanked all involved including Kent Petty KL5T and Dave Heimke AL7LO for repairs/cleanup to the .30 machine/site. Kent echoed the thanks to all involved.

TIME CRITICAL ITEM(S)

None

REPORTS

SECRETARY REPORT

Previous Board meeting minutes for the August 15, 2017 Board Meeting, and September 1, 2017 General Membership meeting were presented. Motion made by Keith Clark KL7MM, seconded by Lil Marvin KL7YF, to accept the minutes as presented with a minor callsign correction. Motion passed with no objection.

TREASURER'S REPORT

Alice Baker KL2DG gave the Treasurers report. All bills have been paid. Alice has been working with Jill Heimke WL7BTT in preparation for Jill assuming the Treasurer duties in Mid-October. Discussion was held on anti-virus software, mailbox keys, vehicle registration and AARC post office mailbox location.

FINANCE COMMITTEE

Keith Clark KL7MM reported on the Finance Committee meeting. The committee is revising the AARC spending forecast, Restitution payments are still \$0 and Keith will be contacting the parole officer involved as time permits. The committee is working on the AARC budget. Discussion was held on Corporate Sponsorship opportunities.

PROJECTS COMMITTEE

T.J. Sheffield KL7TS reported on carry over project status for Anchorage Senior Center, MESH Phase III including Pioneer Home, KL7SB location, Site Summit sector antenna, and APRS 'blue box' installation at KL7QN's location.

GRANT COMMITTEE

Michele Girault (Dog Jog) notified AARC that they are not up for consideration for this year's grant award. Lara Baker AL4R reported on developing the AARC Grants.gov workspace.

GAMING REPORT

Lara Baker AL2R reported that research is continuing on other possible uses of the AARC gaming permit. Lara reported on a recent Dept. of Revenue bill regarding Unemployment Insurance tax for Boniface Bingo 2017 first quarter. Discussion was held on the use of AARC's gaming permit for raffles and the rules associated with that use including a current request to hold a raffle to benefit EARS.

BUILDING COMMITTEE

Dave Heimke AL7LO reported that he updated the AARC at the last membership meeting as to status of the FCC building lease from the airport. The Lease application is in process through the airports Lease Application Review Committee (LARC), then will be subject to FAA Approval and a 30 day public notice process followed by a draft lease agreement. The Building Committee continues to work this project. Discussion was held on lease rates and legal review.

EQUIPMENT REPORT

Kent Petty KL5T reported that the project to remove the tower for KL7GN is complete and the equipment has been stored. Kent reported on additional removal projects and equipment donations. Discussion was held on Conoco building equipment status, donated equipment, cataloging equipment and ArcticCom monthly charge.

VE PROGRAM REPORT

Jim Wiley KL7CC reported on an issue with electronic batch filing, the new FCC felony question on forms and upcoming discussion with the question pool committee.

TRUSTEE REPORT

Keith Clark KL7MM reported that there haven't been any requests for use of the club call and working Wednesdays continue. T.J. Sheffield KL7TS reported on the upcoming SET exercise in October.

MEMBERSHIP REPORT

Rich Gillin AL4S reported on activity since the last Board meeting resulting in \$122 of dues income. Rich reported on KL7AA.net web development status.

BY-LAWS

none

ARES

Kent Petty KL5T reported on the SET Exercise to be held on October 7th and Boy Scout JOTA upcoming event.

OLD BUSINESS

Credit Card Acceptance (Square) – Kent Petty KL5T noted that the Square is working for accepting payments to AARC.

NEW BUSINESS

Kent Petty KL5T thanked Keith Clark KL7MM for having the AARC logo transferred to a scalable vector graphic. Kent also reported on the MESH network Internet connection is being established.

PROGRAM FOR OCTOBER MEETING

Allen Abbott KB1QCE suggested that a program be done that incorporates people's perception of how to set up for a disaster event and possibly work with the Emergency Coordinators to put together a future program for presentation.

Allen noted that he had a donated Lime Green jacket with a zip in liner, size 3XL to be auctioned at the November membership meeting.

For the December meeting, Lara Baker initiated discussion regarding the December membership meeting which has traditionally been a Christmas Party. As the AARC no longer caters meetings a decision will be made at the October Board meeting as to the meeting format. Discussion noted that if the FCC Building lease is approved timely, the December meeting may be a 'housewarming' at the FCC Building.

ADJOURNMENT

The meeting adjourned at 8:24pm.

Respectfully submitted as recorded on 09/19/2017 by
Richard Tweet KL2AZ, Secretary

ANCHORAGE AMATEUR RADIO CLUB
MEMBERSHIP MEETING
October 6, 2017
Carr Gottstein Building – APU Campus
Anchorage, AK

Call to Order

The meeting was called to order at 7:00 PM by President Lara Baker AL2R. A quorum was established (26 in attendance). Members and guests introduced themselves.

Business

There was no club business to conduct at this meeting.

Presentation

Allen Abbot KB1QCE gave a presentation on Operator Readiness which involved the membership to follow along with a questionnaire that both initiated thinking in preparation for an event and also for gathering information that will assist the Emergency Coordinators in preparation for an event and training that may assist in that preparation.

Allen presented a scenario that at 11:17pm on a Friday evening a 9.2 earthquake, centered under Anchorage, occurred. Your first task was to check on your family and they are ok physically, your home is structurally sound, power is out and phone/cell service is out and the following steps were presented:

1. You feel that you and your family are adequately equipped for 3 to 5 days and that the family will be ok if you are not there (have flashlights, emergency power, food, etc. You are going to help.
2. What frequency would you use to check in on?
3. What band(s) can you operate at home without commercial power?
4. What band(s) can you operate mobile or on a HT?
5. Do you have a go bag? What are the major items in it?
6. What critical infrastructure is within 1 mile of your home (fire station, school, Hospital, airport, etc.)?
7. What special assets do you have at home, other than a radio(s) (4 wheeler, snow machine, chain saw, tools, etc.)?
8. What level of 1st aid training have you had? How recent was it?
9. Now 3 days later, the city and community have been clearing the major roads, you are now able to travel. You are now able to go to a central infrastructure in the city. Have you already trained at any of those facilities (e.g. Red Cross, hospitals, City EOC, State EOC, AARC, EARS, etc.)? If credentials are required, do you have them?
10. Have you taken any FEMA courses, such as ICS100, and if so, which ones?
11. Where would you like to work as a ham operator?
12. Do you understand the ICS (Incident Command Structure)?
13. What training would you like to see (e.g. ICS100, basic 1st aid, etc.)?

General discussion followed with information such as homes have approximately 40 gallons of water available in their hot water heaters that could be drained and used in an emergency as well as the tanks in most water closets/toilets, power concerns were a highlight during Y2K preparations resulting in many having emergency generators at home, Go Kits were noted to be very important.

There will be an auction of a Lime Green safety jacket, size 3XL at the November Membership meeting.

Kent Petty KL5T asked the membership to check out the upgrades to the KL7AA.net website which includes AARC club activities, blogs and other information. The site now directs feeds to both Twitter and Facebook so be sure to follow those feeds on social media also.

Door Prizes

4 door prizes were awarded.

The meeting adjourned at 7:50pm

Respectfully submitted as recorded on October 6, 2017 by:
Richard Tweet KL2AZ, Secretary



Monthly Events



1st Friday each month: AARC general meeting - 7:00 PM in the Carr-Gottstein Building, on the APU Campus. 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 Hope Cottage 540 W. International. Be sure to bring photo ID, copy of license (if any) and any certificates of completion. Contact: Jim Wiley, KL7CC 688-0660.

3rd Tuesday each month: AARC Board Meeting at 7:00 PM at Hope Cottage 540 W. International. All hams are invited and encouraged to attend.

2nd Wednesday of each month: EARS general meeting at 6:00 PM. EARS meetings are held at the EARS shack location. Contact info - Ron Keech, KL7YK 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 Slauson, KL7VE, Ken.Slauson@gmail.com or 907-376-8698.

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	KL5E	Phone patch	Eagle River/Chugiak
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



November 2017

Sun Mon Tue Wed Thu Fri Sat

			1 AARC Working Wednesday at Club Station	2 ARES Net	3 AARC Mem- bership Mtg	4
5	6	7	8 AARC Working Wednesday at Club Station	9 ARES Net	10	11 Veterans Day
12	13 AARC Finance committee Meeting	14	15 AARC Working Wednesday at Club Station	16 ARES Net	17	18
19	20	21 AARC Board Meeting	22 AARC Working Wednesday at Club Station	23 ARES Net Thanksgiving	24	25
26	27	28	29 AARC Working Wednesday at Club Station	30 ARES Net		

Swap 'n Shop

Here is a listing of equipment that is available for sale. Please watch the AARC web-site for additional information: <http://kl7aa.net/swap-n-shop>



As of the end of August 2017, we got a batch of items from John Clare (Marium) at alaskanspirit@gci.net or home phone (907) 346-3109

These items are located in Anchorage.

Kenwood HF transceiver TS-440S – \$350



Anli 2 m/7o cm band antenna AL 800 – \$15 (no picture)

MFJ-260C 300 dry dummy load 0-600 MHz – \$25



SWR analyzer-MFJ HF/VHF model 249 – \$80

DAIWA CH-101L Power meter and SWR cross needle meter

There are 2 of these – \$40 each



Bencher ZA-1:1 Balun – \$25 (no Picture)

Pocket Morse code tutor model MFJ 418 – \$30 (no Picture)

Antenna tuner/SWR bridge TenTec model 228 – \$85



Kenwood speaker SP 23 – \$35

Converter Astran model RS-35 25 amp continuous – \$75
(2 pictures)



Transceiver HF TS-570D (Has loose knob for frequency selection) – \$400



Ameritron amplifier AL-80B HG 54 HD – \$700



- HI-GAIN HG 54 HD Crank-up 50 foot tower
- HI-GAIN TH7DX Tri-Band antenna
- HI-GAIN Tail Twister Rotor T2X with control box
- Antenna Selector Delta 4

The tower, antenna, rotor with control box, and antenna selector will be sold as a group for \$1,600. The buyer is responsible for dismantling and removing.



Additional Swap “N” Shop items from Jim Davis KL7JD (907) 776-3429 kl7jd@alaska.net are listed below:

1. Dentron Mt 300A Tuner \$300
2. Yaesu FT-990 (Gene Mockerman’s old radio) All filter spots full, upgraded ROM for logger programs, Great radio \$500
3. More items coming.....

(no pictures)

Radio (Electronic) Technician position open at Anchorage

International Airport

The Anchorage International Airport has an opening for a Radio (Electronic) Technician whose main duties are maintaining the Radio Shop at the airport. Visit the link for details.

<https://www.governmentjobs.com/careers/alaska/jobs/1877717/maintenance-specialist-electronics-journey-ii-lead>

By [RICHARD TWEET KL2AZ](#) Published [OCTOBER 24, 2017](#)

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 2017	George Wilkinson II KL!JJ	
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	
Activities	Allen Abbott KB1QCE	activities(at)kl7aa.net
Trustee	Keith Clark KL7MM	trustee(at)kl7aa.net
Newsletter Editor	Dave Webb N9AIG	editor(at)kl7aa.net
Membership	Rich Gillin AL4S	membership(at)kl7aa.net
VE Testing	Jim Wiley KL7CC	ve(at)kl7aa.net
Webmaster	Brendon Bruns KL1WK	webmaster(at)kl7aa.net
Internet/Network	Rich Gillin AL4S	ip(at)kl7aa.net