

# Anchorage Amateur Radio Club



## Anchorage Amateur Radio Club

### General Meeting

Friday, May 2, 2014

7:00 PM

Carr-Gottstein Bldg.



## HAM OPERATIONS AT THE 2014 BOSTON MARATHON

From Allen Abbott, KB1QCD

The folks at the Boston Athletic Association (BAA), MA Emergency Management, Boston EMS, Boston Fire, FBI and ATF will all tell you that this year's event was a huge success for Boston and the Nation.

As HAM operators working in the finish line Emergency Operation Center Jan, KB1QCD and I, KB1QCE will tell you that the HAMs performed at the highest professional level but that the HAM community needs to watch out for its own well being.

During the past year a lot of planning went into revising security, operations and communications for the entire Boston Marathon operation. Early in the planning process, MEMA (MA Emergency Management Agency) wanted to phase out all "amateur" radio communication and replace it with a "turbo" radio system. They envisioned a trunked network with multiple talk groups. BAA knew the value of HAMs and spoke often and loudly about the professionalism of the volunteer operators. The Feds and MEMA prevailed by having BAA rent hundreds of commercial radios that were connected to a trunked system of 35 frequencies on 6 talk groups. BAA wisely retained the HAMs as a tried and true communication system.

The finish line area would be using 23 HAM frequencies (either simplex or repeater) There were 105 HAMs assigned to just the Finish line and medical sweep buses. Many more HAMs were assigned to the start line and the course. We were also informed that only "clear backpacks" would be allowed into secure areas and that there would not be a place to store extra gear. Frequency information went out about two weeks prior to the event to allow for programming of radios. Since everyone was subject to being "reassigned", everyone's radio needed to have all of the frequencies programmed.

Our day started with a 6:00am meeting in downtown Boston. There we received our credentials. It took 3 separate pieces of ID to move around the finish line area. First was a card from BAA with our name,

## THE AARC ANTENNA

assignment and years of service. Second was a government issued photo ID which we supplied. The third was a large plastic card indicating the group we were assigned to (Medical, volunteer, media, official...) and it also had stickers to indicate what areas we would be allowed to enter. Ours had an "O" sticker for Operation Center.

By 7:00am we were on our way to the Operation Center, the Boston Public Library. Our newly acquired credentials easily got us into the "secure area" within a block of the course. Outside the Library was a gauntlet of Boston Police checking our backpacks and looking for the "O" on our ID. The same thing happened again once we were inside and again just before entering the actual Operation Center room.

Our work stations were laptop computers. The computers had programs that allowed us to communicate on eight of the course frequencies. It worked similar to Echo-Link. Our job was to listen for anything out of the ordinary. All HAM systems were working well. By 11:00, Jan, KB1QCD, was also assisting one of the Net Control operators at the next work station. She began logging all communications. Gradually, she worked her way to being Net Control and the other HAM operator was logging the messages.

Meanwhile, I was getting bored listening to normal, professional HAM chatter. The Operation Center Captain asked me if I wanted to switch to a shadow position outside. They said I lit up like an old vacuum tube. I grabbed a pair of HTs with headsets and took off to meet with my new assignment.

I was to shadow the Medical Sweep Captain. He was in charge of Physicians, EMTs and med students that treated and transported injured/ill runners after the finish line. His area of operation was "the shoots", a ten block area after the finish line where runners receive their medals, water, snacks, Mylar blankets and reunite with family members.

The Medical Sweep Teams had been assigned "turbo" radios but they were ineffective because the radio was overwhelmed with lengthy, non essential talk. In short, they couldn't pass a message when a life depended on it. HAMS were once again assigned to pass messages and keep the key players informed for the important happenings.

Due to the larger than normal field of runners this year, we kept the race course and the shoots open until 6:10pm. From about 12:00 noon until 6:10 pm the medical sweep teams transported and the 3 medical tents treated over 2,000 runners. At the end of the day, we were exhausted and had a wonderful feeling inside that we provided a vital service for the second best race on earth (Iditarod being the best).

And now the rest of the story... during planning the Emergency Management leaders wanted to completely eliminate all "amateur" HAM radio involvement with the Boston Marathon. It was due to the sheer expense of the radio system needed to completely replace HAMS (the turbo radio system capacity would have to be tripled to have minimal coverage) that the BAA won its case to continue using HAMS. The placement of HAM repeaters and even the number of antennas al-

## THE AARC ANTENNA

lowed on top of the Library were greatly curtailed, however. Many of the mid-level leaders that had shadows in the past were issued "turbo" radios and had to handle their own communications and sort thru the chatter.

The HAM community came together and provided excellent, professional communication in spite of the limitations placed on it. BAA, in a hot wash meeting immediately after the race had nothing but praise for the entire HAM operation.

Yes, the Marathon was a success. Yes, it was a rare opportunity to work in that environment.

But the writing has started to appear on the wall. It's just in pencil for now; but if we don't act to secure our place as communicators of vital messages now, we might lose our place forever.

Once the writing on the wall is done in ink...we will never regain our rightful place.

We as HAMs need to seek out opportunities to assist our local, state and federal partners as often and aggressively as possible, and we need to continue to keep abreast of evolving technologies and their applications in emergency and non-emergency communications.

We all know that the "amateur" in Amateur Radio is an FCC term, and it means much more than just a hobby. We are volunteers with professional skills and abilities. We need to be as visible as possible in the community. **We must constantly demonstrate a need for our services or we will become a "hobby" and the FCC will reallocate our frequencies.**



## **ARES Report — Kent Petty, KL5T**

### **Our Community – How Can You Help?**

With Alaska Shield under our belt and many lessons learned, it's time to start the serious work of building our teams for our critical communications infrastructure locations and resources. These resources include the Anchorage Emergency Operations Center (AEOC), State Emergency Operations Center (SEOC), Anchorage American Red Cross (ARC), the AARC Club Station, the EARS Club Station, and the AARC Command and Control Vehicle (CCV).

I'd ask each of you to think about what your intentions are, or how you believe you can help if the big one hits us again here in South Central Alaska. Of course, the first thing would be for each of us to take care of ourselves and our families.

However, after that, then what? How can you bring your amateur radio skills to bear in a useful, productive way? Are you just planning on "showing up" or "checking into a net"? We know that we'll be better served if we have a plan of what to do, where to go, how to help, etc. This will help reduce confusion, add some structure and organization, and just down right result in us doing a better job in serving our community.

With that thought in mind, I'm asking for your help. Our effort right now is focused on building our teams for critical resources out. Ideally, each team would have 8 to 10 members. This will help ensure that we can have these assets manned for training activities, general net participation, drills, etc. It will help spread out the load and responsibilities. No one person would be burdened unduly. Team members would need to be proficient on the equipment that their team operates, and also be spun up on EMCOMM procedures, net structures and our communications plan, and have some familiarity with the Incident Command System (ICS).

I'd really like all of our members to complete ICS-100 training online. It's really not that difficult, and by golly, there is some learning that will happen! The ICS is actually pretty darn interesting and just makes sense.

Fortunately, we are off to the races at getting our teams together. I am pleased to announce that the following individuals have stepped up to be the team leads for many of these resources and have been formally assigned as ARRL Field Organization Emergency Coordinators (EC) and/or Technical Specialists (TS). These folks include:

AEOC EC: David Heimke, AL7LO

ARC EC: Michael O'Keefe, KL7M

AARC Club Station EC: TJ Sheffield, KL7TS

EARS Club Station EC: Ron Keech, KL7YK

CCV and Heavy Deployable Resources EC: Keith Clark, KL7MM

Broadband Hamnet Operations TS: Rich Gillin, AL4S

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These team leaders will be responsible for all facets of their resources including making sure that equipment is operational and properly configured; providing training to team members; and reporting their resource status to me on a monthly basis.

There are other resources we are looking for leaders on, including a TS for deployable kits and perhaps an EC for the Anchorage Senior Center.

How will you fit in?

Where do you live?

Do you have access to the military bases; in other words, could you be a member of the EARS Club Station team or the SEOC team?

If we work together we can build a sustainable system that will help ensure we can effectively respond to any emergency that might strike our region. Please, consider how you can help and get involved. You can feel free to contact me at [KL5T@ARRL.NET](mailto:KL5T@ARRL.NET), or contact any of the ECs listed above to volunteer. We really do need your help.

Thanks.

73 DE Kent Petty, KL5T  
Anchorage DEC

### Note:

The Finance Committee meeting will be held on May 5th, at 7:30PM — at the Hamshack. This change is for May, only.

**The public service season is upon us.**

**The 2014 Event Schedule:**

The events that AARC normally participates in -- with the name of the person who coordinated them in past years are as follows:

**Hope Walk and Roll** -- route up near Westchester lagoon.

May 3rd, 2014.

Contact Keith Clark, KL7MM to volunteer.

**MS walk around Lake Hood**

May 10th, 2014 -- Allen Abbott KB1QCE

**Gold Nugget Triathlon**

Sunday May 18th. -- Alice Baker KL2GD

**MS150 Bike Ride**-- has been in September

May 31st — Allen Abbott KB1QCE

**Mayor's Marathon and Half Marathon** — plus a lot of other participating options.

Saturday, June 21st -- Alice Baker KL2GD

(This needs a least 12 Ham's at various check points along the routes.)

**Dog Jog and 5K run**-- usually mid to late July -- TJ Sheffield -- KL7TS, with Keith Clark's help.

**Big Wild Life Marathon & Half Marathon**

**Saturday, August 16th** -- Keith Clark -- KL7MM

Please come out and participate in these events.



## News & Notes:

### Iditarod Request for Help:

Sunday at 3:53p there was a phone message left at the clubhouse.

Rainy Hall, the former Exec. Director of the Iditarod said they are writing a book about the early days of the race.

Rainy said she has photos of hams working at the race in the late '70s and early '80s. She is hoping to find someone who can help identify some of those individuals. Her contact number is 310-944-1550.

(Editor's comment) — I know there are several members who have pictures of their own of Iditarod operations. I hope they will contact Rainy to offer their assistance.

### MARA Hamfest:

The MARA Hamfest will be held at the American Legion Post 35 north of Wasilla.

Date is May 10th, 2014 — 1000—1600, setup 0900. Contact John/KL1XM to reserve a table (sniffles@mtaonline.net) Tables are \$10.00, Entry fee \$3.00.

Confirmed — Bonnie Altus, AB7ZQ, Northwestern Division Vice Director will attend.

From Craig Bledsoe, KL4E

The GPS below was placed in its bracket in the windshield and left in the sun. Then the battery overheated and exploded!

This looks like a good lesson to learn. I would bet this also applies to cellphones, tablets, digital cameras, and other devices that use lithium ion batteries. You think this may be the reason that the US Postal Service will not ship electronic devices that contain lithium ion batteries any more?





## ANCHORAGE AMATEUR RADIO CLUB

### BOARD MEETING MINUTES

18 March 2014

Approved Minutes



**Board Members Present:** Mark Sabel, WD6BMJ. TJ Sheffield, KL7TS. Fred Erickson, KL7FE. George Wilkinson, KL1JJ. Richard Tweet, KL2AZ. Alice Baker, KL2-GD. Lara Baker, AL2R. Ron Keech, KL7YK. Paul Spatzek, KL7PS. TJ Tombleson, KB8JXX. David Heimke, AL7LO.

**Visitors Present:** Keith Clark, KL7MM.

**Board Members Present via Teleconference:** Jim Wiley, KL7CC. Kent Petty, KL5T. Richard Tweet, KL2AZ.

**Board Members Excused:** Rich Gillin, AL4S.

**Board Members Unexcused:** --

The President, Lara Baker, AL2R, called the Board Meeting to order at 7:02 pm. A quorum was established. Additions or corrections to the meeting agenda were requested.

**Secretary Report:** Mark Sabel, WD6BMJ, thanked Paul Spatzek, KL7PS, for the immensely useful audio recordings of Board meetings.

**Treasurer Report:** Alice Baker, KL2GD, presented the Monthly Expenses report noting that we have been receiving our monthly restitution payments. The AARC gaming receipts thus far in 2014 have totaled \$17,000. Ron Keech, KL7YK, and Jim Wiley, KL7CC, discussed the Grubstake Repeater. Jim stated ProComm will pickup the hardware of what had been the Susitna Repeater from Arctic Comm. That hardware will then replace the functions of the former Grubstake Repeater with a new location on Beckwith Bluff. ProComm will install the hardware at their Beckwith site. Ron and Jim estimate the club will be billed approx. \$100 to make the move. Ron and Jim believe the rent on the new site will be about the same as the old site. But instead of making payments to Arctic Comm., future payments will be made to ProComm. **[Update by Secretary: Subsequent to the meeting, Ron and Jim decided to stay with Arctic Comm.]**

**Finance Committee Report:** Keith Clark, KL7MM, reports that the new credit cards have arrived. The old debit card has been destroyed.

A progress payment is being made to begin the construction of the new club trailer.

**Grant Committee Report:** Lara Baker, AL2R, reported that no new grant requests have been made.



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**Gaming Committee Report:** Lara Baker, AL2R, said Boniface Bingo doesn't believe the new Tudor Bingo (now under construction behind Parker Drilling), will have much of an impact on receipts because there isn't proximity between the two. Thus, the Club can expect proceeds to meet its base budget.

All prior issues involving the Club's 2014 gaming permits and the State have been resolved.

**Projects Committee Report:** TJ Sheffield, KL7TS, indicated that fourteen ECCP Fund projects have been completed, five are in-progress, three have yet to be started and two projects are on-hold. TJ presented a graph covering several years of gaming receipts with the trend line going downward. This year could well continue the trend. Two projects are being put on-hold because of the potential drop in receipts. One of those projects is "The Dream Beam". It is on-hold because the Dream Beam would require a major tower and rotor upgrade. The second project on-hold is "Control Cable". The cable will be arctic grade with better shielding. The Committee feels both these projects can wait, if necessary, until 2015.

TJ then addressed the problematic burglar alarm at the clubhouse. There have been numerous false alarms. The current system is no longer supported by the manufacturer. Thus, technicians can no longer reprogram the alarm. Keith Clark, KL7MM, contacted Guardian Security Systems to get a quote for a new alarm system. The new system would be wireless. System batteries would last three to five years. The new system with one smoke alarm would cost up to \$2,000. It would take about a week after getting the go-ahead for alarm to be installed. Lara Baker, AL2R, moved the Board approve up to \$2,500 for the system plus possible additional smoke detectors. Ron Keech, KL7YK, seconded the motion. The Board passed the motion unanimously.

**VE Program:** Jim Wiley, KL7CC, reported the VE program is proceeding normally. At least six new Hams have passed their tests so far this month.

**Trustee Report:** Keith Clark, KL7MM, said the Club station has been very active, in part to prepare for the Alaska Shield exercise.

**Membership:** Fred Erikson, KL7FE, has sent letters to those whose membership has expired and asking them to renew. The Club currently has approx. 215 members.

**By-Laws:** Lara Baker, AL2R, has completed a first draft to be presented to the By-Laws Committee. The Committee meeting will occur via telephone as soon as it can be arranged. Next, proposed by-laws will be submitted to the Board. Lara asks that once received Board members promptly and thoroughly review the proposed by-laws. Board members should submit comments quickly to the Committee. Lara's goal is have the Board vote on by-laws at the April meeting, then submit the proposed by-laws to the General Membership in May. The General Membership would then vote on acceptance on 1 June 2014. If the by-laws are approved by the General Membership, all Board member positions will become three year terms. At the following Board meeting, Board members will "choose lots" to determine the expiration year of their term which will be within three years.

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**ARES Report:** Kent Petty, KL5T, thanked each of the members who are helping to prepare for the upcoming Alaska Shield exercise.

At the Anchorage Emergency Operations Center the packet station and both voice stations are operational. David Heimke, AL7LO, will become the E.C at the Anchorage E.O.C. The Red Cross emergency Ham station is operational but is using one of AARC's TNCs in conjunction with their Yaesu FT-8800 VHF/UHF rig. This is providing the Red Cross with packet and voice capabilities. At present, the State EOC only has VHF capability. It is hoped HF can be added before Alaska Shield, though HF isn't called for during the exercise. At the Club station, the VHF RMS has been successfully integrated with the Hughes Net satellite system. All three portable packet kits will soon be ready for deployment.

Kent would like a Letter of Appreciation to be sent to Datacade for selling the Club a heavily discounted computer for the satellite station. Datacade is also donating six lightly used laptops to upgrade Club packet kits. Also being donated is a mid-level server. President Baker said he'd be happy to sign and mail the letter on behalf of the AARC.

### **New Business:**

#### Ham Fest

Jim Wiley, KL7CC, suggested the Board consider AARC joining with the Matanuska Amateur Radio Club (MARA) in sponsoring a Ham Fest in 2015. The joint Ham Fest could take place at the Palmer Train Station. AARC would pay the expenses while MARA would provide the labor. Jim informally brought the suggestion to the MARA President who is amenable to the concept. Ron Keech, KL7YK, put forward the idea of making a good will gesture by making a drawing donation for this year's MARA Ham Fest. The AARC Finance Committee will take up the ideas.

#### Programs

David Heimke, AL7LO, said he doesn't yet have anyone to speak at the May General Membership Meeting, but is in contact with possible presenters for future months. Lara Baker, AL2R, suggested possibly speaking on the proposed by-laws at the meeting. In addition, Mark Sabel, WD6BMJ, suggested inviting a representative from MARA to speak on their upcoming Ham Fest.

#### ARRL Centennial Celebration Station

Ron Keech, KL7YK, spoke on the special ARRL Centennial portable station which is rotating through the country. The operations are all modes and all bands. Alaska's turns will be the week of 18 June 2014 and again during a week in October. It will be an opportunity to operate as W1AW/KL7.

**Adjournment:** The meeting adjourned at 8:07 pm.

Respectfully submitted by  
Mark Sabel, WD6BMJ  
AARC Secretary



**ANCHORAGE AMATEUR RADIO CLUB**  
**GENERAL MEETING MINUTES**



4 April 2014  
Approved Minutes

Lara Baker, AL2R, President, opened the meeting at 7:01 pm.

Thirty-one members and guests were present. Introductions were made.

**Presentation:** Whit Reeve (reeve.com) gave a superb two-part presentation. The first dealt with space weather. Reeve said our Sun totally controls space weather in our solar system by means of solar wind. High solar winds reshape part of Earth's magnetic field. Reeve recommends visiting [spaceweather.com](http://spaceweather.com) and [swpc.noaa.gov](http://swpc.noaa.gov).

The presentation's second part detailed the amateur e-Callisto Solar Spectrometer Network ([reeve.com/Solar/e-CALLISTO/e-callisto.htm](http://reeve.com/Solar/e-CALLISTO/e-callisto.htm)). The e-Callisto system centers around its spectrum agile spectrometer receivers which are connected worldwide via the Internet.

**Door prizes:** Six lucky winners won door prizes, including a copy of the 2014 ARRL Ham Radio Handbook.

**Adjournment:** Lara Baker, AL2R, President, announced the meeting to be adjourned at 8:37 pm.

Respectfully submitted,  
Mark Sabel, WD6BMJ  
Secretary, Anchorage Amateur Radio Club

## THE AARC ANTENNA

### People to Help You!! 2014 Officers & Board of Directors

#### Officers

President	Lara Baker	AL2R	president@kl7aa.net
Vice President	Ron Keech	KL7YK	vicepresident@kl7aa.net
Secretary	Mark Sabel	WD6BMJ	secretary@kl7aa.net
Treasurer	Alice Baker	KL2GD	treasurer@kl7aa.net
Activities	Dave Heimke	AL7LO	david.heimke@gmail.com



#### Three Year Board of Directors

3 Year remains	Rich Gillin	AL4S	rish@gillin.us
2 Year remains	Paul Spatzek	KL7PS	paulspatzek@gci.net
1 Year remains	Jim Wiley	KL7CC	jwiley@gci.net

#### One year Board of Directors

TJ Sheffield	KL7TS	kl7ts@arrl.net
Richard Tweet	KL2AZ	rtweet@ptialaska.net
TJ Tombleson	KB8JXX	kb8jxx@wl7cwe.org
George Wil- kinson	KL1JJ	gdwilkinson2@yahoo.com
Fred Erickson	KL7FE	fredferickson@gmail.com
Kent Petty	KL5T	pettyak@gmail.com
Eric Thompson	N6SPP	n6spp@arrl.net
Vacant		

#### Other Contacts

Trustee	Keith Clark	KL7MM	trustee@kl7aa.net
Membership	Fred Erickson	KL7FE	membership@kl7aa.net
Newsletter Editor	Alice Baker	KL2GD	editor@kl7aa.net
Web Master	Ron Keech	KL7YK	webmaster@kl7aa.net

## THE AARC ANTENNA

### Repeater Changes:

Please remove **147.27 & 443.3** repeaters from your repeater list for the time being. The power to this pair of linked repeaters was turned off as scheduled on Dec 31, 2012

The local **ARES Net** is now moved to the 147.33 repeater + shift and 103.5 tone (no UHF side at this time)

**VHF net info:** We have the Thursday Night 8:30PM Alaska Statewide ARES Net and on Sunday evenings the Alaska Statewide Linked Radio Net now at 8:30PM, both are on IRLP reflector 907 channel zero, Echolink KL7M node 1654 and Allstar node 27597. The Anchorage IRLP repeater remains 145.15 as listed.

### From your Treasurer!!!

I will no longer make reimbursements for club expenses unless I have a copy of the proper reimbursement form with all the information such as Project Number, Date of Expenditure, and Item Description on it.

This form can be found on the AARC web site (as an Excel spreadsheet)— and a hard copy is also in the Board member's books. And I will be happy to see that you get a copy.

I must have these forms in the files to back up the reimbursements.

There is a copy of this form attached to the back of this newsletter.

Thanks for your help,

Alice

### From Charlotte Rose McCormick

#### Amateur Radio (HAM) Practice Exams websites

Try them —

<http://www.hamtestonline.com>

<http://www.qrz.com/ht/>

<http://aa9pw.com/radio/>

<http://www.eham.net/exams/>

<http://hamtesting.com/>

<http://www.w8mhb.com/exam/>

<http://copaseticflows.appspot.com/hamtest>

<http://www.hamradionation.com>



## Regular Committee Meetings:

**By-Laws Committee:** Inactive at the present time.

**Finance Committee:** Monday of week before Board meeting, 7:00PM at Hamshack.  
Contact Keith Clark, KL7MM, trustee@KL7aa.net for info.  
(Members: Chair, Keith Clark, KL7MM, and Alice Baker, KL2GD.)

**Projects Committee:** Tuesday of week before Board meeting, 7:00PM at HamShack.  
Contact TJ Sheffield, KL7TS, kl7ts@arrl.net for info.  
(Members: Chair, TJ Sheffield, KL7TS, Rich Gillin, AI4S, and George Wilkinson, KL1JJ)

**VEC Testing:** Testing on 1st Tuesday and 2nd Saturday each month.  
Contact Jim Wiley, KL7CC, jwiley@gci.net for info.

**VHF:** As needed (usually with a repeater in trouble and needing "aid").  
Contact Doug Dickinson, KL7IKX, kl7ikx@yahoo.com.

### Who Do I Contact to Join AARC?

Fred Erickson KL7FE  
12531 Alpine Dr  
Anchorage, AK 99516-3121  
E-mail: membership@kl7aa.net  
Phone Number: 345-2181  
Annual Dues are \$12 (prorated as appropriate)  
Additional Member in same household  
is \$6.  
Full Time Student is no charge.



#### Have you considered a Life Membership?

Life	\$250.00
Senior >65	\$200.00
>70	\$150.00
>75	\$100.00
>80	\$50.00
>85	\$1.00

# For Sale



If you have equipment that you want to have listed for sale, please notify the editor at [editor@KL7AA.net](mailto:editor@KL7AA.net) before the 20th of the month. Thanks for your help.

Items advertised will have a "date of first appearance" added — and they will be deleted after two months appearance on the newsletter unless we are otherwise notified.

Please check [KL7AA.net](http://KL7AA.net) website for updates on availability of these items.

For sale by John Bury/KL7QZ, Anchorage, [907-349-8754](tel:907-349-8754).

1. Yaesu FT-857D(160M-70CM all mode transceiver) with accessories: Buxcomm Rascal Interface for digital modes with all cables; LDG FT-Meter; RT systems programing software and cable; MFJ-902 Tiny Tuner; ADM Management program and Nifty Guide. Manual, cables and original box. All separation front panel and mobile mount parts. All in new condition.

Single owner, non-smoker and pure in mind. NEW VALUE @ \$1036 AND FOR SALE @ \$725 (Fixed). Shipping paid by seller.

2. Icom IC-471A; all mode, 70CM, 25 watt transceiver. With manual and cables. Like new condition. Non-smoker, etc. NEW VALUE @ \$700 AND FOR SALE @ \$325 (Fixed) Seller pays shipping.



## Upcoming Events



### Plan ahead:

## The "Community Service" event season is gearing up!!

**Hope Walk and Roll** -- route up near Westchester lagoon.

May 3rd, 2014.

Contact Keith Clark, KL7MM to volunteer.

### **MS walk around Lake Hood**

May 10th, 2014 -- Allen Abbott KB1QCE

### **Gold Nugget Triathlon**

Sunday May 18th. -- Alice Baker KL2GD

**MS150 Bike Ride**-- has been in September

May 31st — Allen Abbott KB1QCE

**Mayor's Marathon and Half Marathon** — plus a lo0t of other participating options.

Saturday, June 21st -- Alice Baker KL2GD

(This needs a least 12 Ham's at various check points along the routes.)

**Dog Jog and 5K run**-- usually mid to late July -- TJ Sheffield -- KL7TS with Keith Clark's help.

**Big Wild Life Marathon & Half Marathon**

Saturday, August 16th -- Keith Clark -- KL7MM





# THE AARC ANTENNA

Anchorage Amateur Radio Club  
 PO BOX 101987  
 Anchorage, AK 9510-1987  
[www.KL7AA.net](http://www.KL7AA.net)



ARES DISTRICT 7 & 5  
 KL7AA & KL7JFU  
[www.aresalaska.org](http://www.aresalaska.org)

## May 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 AARC General Mtg 7:00PM	3 Hope Walk & Ride
4	5 Finance Com. 7:00	6	7	8	9	10 MS Walk — Lake Hood
11	12	13 Projects Com. 7PM EARS Genl Mtg	14	15	16	17
18 Gold Nugget Triathlon	19	20 AARC Board Meeting 7 PM	21 MARA Board Meeting 7 PM	22	23	24
25	26	27	28	29	30 Mara Meeting 7:00 PM	31 MS-150

### ARES NETS:

1st Thursday: HT / Portable  
 2nd Thursday: Mobile Madness  
 3rd Thursday: RED CROSS  
 4th Thursday: Emergency Power

ARES Net: Thursday Nights 8:00 PM  
 147.33+ PL:103.5  
 (no UHF at this time)

## MONTHLY EVENTS

**1<sup>st</sup> 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.

**1<sup>st</sup> Tuesday each month (except for holidays):**

**VE License Exam 6:30 PM**, at the Hope Cottage offices, 540 W International. Bring photo ID, copy of license (if any) and any certificates of completion. Contact: Jim Wiley, KL7CC 688-0660.

**1<sup>st</sup> Thursday each month: Moosehorn Amateur Radio Club General meeting - 7:00 PM**

Location changes monthly so call on 146.88-repeater for info. Moosehorn ARC also holds a weekly luncheon every Thursday, locations and times change — contact George Van Lone, KL7AN: donnav@acsalaska.net

**2<sup>nd</sup> 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+.

**2<sup>nd</sup> 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.

**3<sup>rd</sup> 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 Tuesday of each month: EARS general meeting at 5:00 PM.** EARS meetings are held at

the EARS shack location. Contact info - Doug Myers, KL1DJ or Ron Keech, KL7YK for information. EARS: 552-2664 (recording); Talk in on 146.67-. Email: [club@KL7air.us](mailto:club@KL7air.us) or [kl7yk@arrl.net](mailto:kl7yk@arrl.net)

**4<sup>th</sup> 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 146.850 repeater. Further details can be found by contacting Don Bush, KL7JFT, [dbush@gci.net](mailto:dbush@gci.net).

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

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

## THE AARC ANTENNA

### AARC web page & Email contact addresses:

Homepage: <http://www.KL7AA.net/>

Webmaster: [webmaster at kl7aa.net](mailto:webmaster@kl7aa.net)

Membership: [membership at kl7aa.net](mailto:membership@kl7aa.net)

Newsletter: [editor at kl7aa.net](mailto:editor@kl7aa.net)

### Internet Links, the favorites from our readers:

AARC <http://www.KL7AA.net>

SCRC <http://www.KL7G.org> (not operational)

EARS <http://www.kl7air.us>

MARA <http://www.kl7jfu.com>

Moose Horn ARC <http://www.moosehornarc.com>

PARKA <http://www.parka-kl7ion.com>

ARES <http://www.aresalaska.org> (not operational)

Practice Exams : <http://www.AA9PW.com>

Fairbanks AARC: <http://www.kl7kc.com/>

ALASKA MARS: <http://www.akmars.org> (not operational)

Alaska VHF-Up Group: <http://www.qsl.net/ak-vhf/>

Yukon Amateur Radio Association: <http://www.yara.ca/>

Links for Propagation: <http://www.haarp.alaska.edu/> (not operational)

QRP and Homebrew Links : <http://www.AL7FS.us>

Solar Terrestrial Activity: <http://www.spaceweather.com>

<http://www.swpc.noaa.gov/>

ARRL <http://www.arrl.org/>

Propagation Report Recording 566-1819

Please let us know if there are other clubs pages or good starting points that should appear here.

Report dead links or bad info to [editor@kl7aa.net](mailto:editor@kl7aa.net)

### Winlink RMS's

- Anchorage VHF ARES RMS WL7CVG-10 144.9 (Elmendorf Moraine)
- Anchorage HF ARES RMS WL7CVG (multi-band scanning see [WWW.WINLINK.ORG](http://WWW.WINLINK.ORG) for frequencies)
- Palmer (MATSU) VHF RMS KL7JFT-10 145.19
- Fairbanks VHF RMS KL7EDK-10 147.96
- Fairbanks HF RMS KL7EDK (multi-band scanning see [WWW.WINLINK.ORG](http://WWW.WINLINK.ORG) for frequencies)
- South Central Digipeater WL7CVG-4 144.9 (Knik)
- Anchorage AARC VHF RMS KL7AA-10 144.98 (AARC Club Station, Hughesnet Satellite Connection)

### NETS in ALASKA:

The following nets are active in Alaska:

#### VHF

- **ARES Net:** 147.33 103.5Hz - Thursdays at 8:00 PM local
- **No Name Net:** 146.85/.25 repeater Sundays 8:00 PM
- **South Central Simplex Net:** 146.52 FM, 144.2 USB, 446.0 FM, 432.2 USB, 223.5 FM, 927.5 FM, 1294.5 FM, 52.525 FM, 50,125 USB, 29.6 FDM, 28.4 USB, 145.01 packet (Eagle node) and 147.96 packet (Valley node).  
Tuesdays 8:00 PM local
- **Alaska VHF Up Net:** 144.200 USB Saturdays 9:00 AM local
- **Statewide LINK Net:** 145.15(-) PL 123.0Hz; Sundays 8:30PM local

**Alaska Morning Net:** The Alaska Morning net is held Monday through Saturday from 9am- 11am on the IRLP Reflector 9109. This net can be reached via several hosting nodes in the area. Please visit <http://status.irlp.net/index.php?PSTART=2&mode=3> to find the closest node. Also, the net can be reached via Echo Link on 9191 (WL7LP-R) and Allstar nodes 27133 and 29332.

The Alaska Statewide ARES net is held Thursday evenings at 8:30pm (following the Anchorage ARES net) on the above locations as well as the Sunday evening Alaska Statewide Radio Link net at 8:30pm.

#### HF

- **Alaska Sniper's Net:** 3.920 MHz 6:00 PM daily
- **Alaska Bush Net:** 7.093 MHz 8:00 PM daily
- **Alaska Motley Net:** 3.933 MHz 9:00 PM 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@winlick.org))
- **Alaska Pacific Net:** 14.292 MHz 8:30 AM M-F
- **ERC HF Net:** 3.880 MHz—Sunday 8:30PM

### ANNOUNCEMENT:

AL7N is the Alaska Section Traffic Manager. Ed is looking for Code operators for passing formal NTS traffic throughout Alaska on the AK CW Net. For more information please contact: AL7N@arri.net.

# THE AARC ANTENNA



## Data You Can Use:

Frequency	Tone	Call Sign	Features	Area
147.18 -	88.5	ADES		Ft. Richardson
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 North
147.30 +	141.3	KL7ION		Very Wide Area
146.85 -	no tone	KL7JFU		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
<b>147.33 +</b>	<b>103.5</b>	<b>WL7CVF</b>	Cross linked to 443.900	Very Wide Area * *
<b>443.900 +</b>	<b>103.5</b>	<b>WL7CVF</b>	Cross linked to 147.330	Very Wide Area * *
<b>147.27</b>	<b>Powered off</b>			
<b>443.300</b>	<b>Powered off</b>			

South Central Area Simplex Frequencies	
146.52 MHz	National Calling and Emergency frequency
147.57 MHz	DX Spotting frequency
146.49 MHz	Anchorage area simplex chat
146.43 MHz	Mat-Su Valley simplex chat
147.42 MHz	Peninsula simplex chat

WINLINK	Callsign	Frequency
Anchorage ARES RMS	WL7CVG-10	144.9
Palmer (MATSU) RMS	KL7JFT-10	145.19
FAIRBANKS RMS	KL7EDK-10	147.96
South Central Digipeater	WL7CVG-4	144.9
Anchorage AARC RMS	KL7AA-10	144.98

## THE AARC ANTENNA



The Anchorage Amateur Radio Club has been an ARRL Affiliated Club for more than 50 years



Are you an ARRL Member... Life Member?

[www.arrl.org/benefits](http://www.arrl.org/benefits)

### Are you a member of ARRL?

ARRL is the American Radio Relay League. This is the national organization that advocates on behalf of amateur radio operators to the FCC and the communications industry. Consider becoming a member of ARRL today. [www.arrl.org](http://www.arrl.org)

For more information about the ARRL DX Century Club Program check out: <http://www.arrl.org/awards/dxcc/>



## KL7AA Mail Reflector

If you like to **stay in touch on KL7AA news** and other posts of local interest.

Step #1: First point your browser to: <http://mailman.qth.net/mailman/listinfo/kl7aa>

Step #2: On the web page you will see a section titled "Subscribing to KL7AA". Enter your e-mail address in the "Your email address" entry box.

Step #3: Pick a password for your account and enter it in the box marked "Pick a password" and then enter the same password in the box marked "Reenter password to confirm". This password will be used to change your settings on the list such as digest mode, etc.

Step #4: If you would like the e-mails in daily digest form click yes on the line marked "Would you like to receive list mail batched in a daily digest?"

Step #5: Click on the "Subscribe" button below the information that you just entered.

Step #6: Follow the directions.

## THE AARC ANTENNA

### **ARES - Section 7, District 7 (Anchorage, ALASKA)**

#### **Mission statement:**

Dedicated to amateur radio as it pertains to disaster services. The history of amateur radio operators' involvement in sending life-saving information in and out of disaster areas [and] providing help during and after earthquakes, floods, hurricanes and tornadoes. "HAM's have been there to assist local, state, and federal agencies and relief organizations such as the American Red Cross and Salvation Army." When All Else Fails, Amateur Radio.

[www.ares.org](http://www.ares.org)

Emergency  
Management  
Institute



FEMA

<http://training.fema.gov/>

#### **ARES NETS:**

**Thursday Nights 8:00 PM**

**147.33+ PL:103.5**

**1st Thursday: HT / Portable**

**2nd Thursday: Mobile Madness**

**3rd Thursday: RED CROSS**

**4th Thursday: Emergency Power**

#### **ARES Anchorage District Contact Information**

**Kent Petty, KL5T@arri.net**

#### **ARES Matanuska-Susitna Valley Dis- trict**

#### **Contact Information**

**Don Bush, KL7JFT@arri.net**

"**Alaska ARES and the Alaska Native Medical Center** have in joint effort stood up a HF Remote Messaging System (HF RMS) in Anchorage. This system provides HF Radio Email Service to the area. In an emergency this system will provide digital email capabilities if we lose the Internet. It is designed to accept connections from Amateur Operators who are using either PaLink or Airmail software and a Pactor 1-3 capable Terminal Mode Controller (TNC). If the Internet is lost to the area the RMS will forward messages to another RMS over HF Radio. Being HF Radio based, the coverage area is quite large. While it is intended for intra-Alaska use we have stations from as far away as Arizona using the HF RMS to pass email traffic to the internet on occasions.

ARES and the AARC also host two VHF RMSs which provide Radio to Email service on VHF Radio in the Anchorage area. One of those RMSs is linked to the Internet via the AARC's Hughesnet Satellite Internet Service.

The WL7CVG and KL7AA RMS's frequency listings, etc. can be found on [www.Winlink.org](http://www.Winlink.org).

## THE AARC ANTENNA

### KL7AA HAMSHACK

The KL7AA station is available for training in HF operations. Learn from an experienced HF operator about propagation, voice and Morse code modes as well as best practices and legal operation. The station is fully integrated with a PC and soundcard to operate in many digital modes.

Take advantage of this unique benefit! Arrange a session by contacting the club trustee, Keith Clark, KL7MM, ([aksunlite@aol.com](mailto:aksunlite@aol.com)) to meet at the KL7AA station at 5923 Rowan Street.

Notice: Any AARC sponsored repeater, with or without an auto-patch, will always be open to all licensed amateur radio operators in the area who are authorized to operate on those frequencies. **IRLP is not authorized on KL7AA repeaters except for special events as approved by the board and trustee.**

THE AARC ANTENNA is the monthly newsletter of the Anchorage Amateur Radio Club, published by and for its members. The entire contents of this newsletter are copyrighted 2011 by the Anchorage Amateur Radio Club.

Permission is hereby granted to any not for profit Amateur Radio Publication to reprint any portion of this newsletter provided that both the author and Anchorage Amateur Radio Club are credited.

#### **Newsletter Submissions, Information or Corrections:**

All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by mail, computer disk or E-mail to the newsletter editor at the address listed below. Submissions must be in the hands of the editor **no later than the 10 days prior** to the general meeting. Email: [editor@kl7aa.net](mailto:editor@kl7aa.net)

Since THE AARC ANTENNA is no longer being sent out by US MAIL, we need some help from all the AARC members. We have gotten a large percentage of the e-mailed newsletters returned as undeliverable. Also we have no e-mail addresses for many of you.

Would you please e-mail "[membership@KL7AA.net](mailto:membership@KL7AA.net)" with a current e-mail address and current mailing address and phone numbers (home, work, and cell — as you choose).

If you have special needs or concerns please send your comments to [editor@kl7aa.net](mailto:editor@kl7aa.net) to bring to the attention of the board of AARC. Current and newsletters from years past can be found on the club website at [www.KL7AA.net](http://www.KL7AA.net).

Thanks for your help in this.



# THE AARC ANTENNA



Anchorage Amateur Radio Club  
 PO BOX 101987  
 Anchorage, AK 99510-1987

Statement No. \_\_\_\_\_

**STATEMENT DATE** 2013.03.01  
**Expense Reimbursement Report**

**MEMBER INFORMATION:**

Name \_\_\_\_\_  
 CALL SIGN: \_\_\_\_\_  
 Email: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_

ANCHORAGE, AK 995xx

SIGNATURE \_\_\_\_\_

No.	DATE	HOW PAID	VENDOR	PURPOSE/DESCRIPTION	PROJECT NUMBER	ACCOUNT	CLASS	MEMO	TOTAL
1	2013.03.01								
2									
3									
4									
5									
6									
7									
8									
9									
10									
Sub Total									
Advances									
<b>TOTAL</b>									

Office Use Only

Approved \_\_\_\_\_

PAID \_\_\_\_\_

Entered \_\_\_\_\_

CHECK # \_\_\_\_\_

DATE \_\_\_\_\_

1. No. means the number of the invoice attached, i.e., the first invoice attached is No. 1, the second attached is No. 2, etc. All invoices, vouchers for which reimbursement is requested must be attached.
2. Purpose: Means the budget item, program for which expenditure occurred. It also means the specific reason for the expenditure. An entry might read "paper for newsletter" or "repair of transmitter for K7AA repeater"
3. How Paid: Means how you paid, i.e. check, credit card, cash, cash from petty cash fund, etc.
4. If there are several invoices relating to a single project, and several invoices relating to another project, use two or more reimbursement request forms.
5. Deliver or mail Reimbursement form and vouchers to Treasurer, P.O. Box 101987 Anchorage, Alaska 99510. Reimbursement will be mailed to you.