

Anchorage Amateur Radio Club



Anchorage Amateur Radio Club

General Meeting

Friday, February 7, 2014

7:00 PM

Carr-Gottstein Bldg.

Plans for Alaska Shield Exercise
Kent Petty, KL5T, Anchorage District
Emergency Coordinator (DEC)

ARRL 100th Commemorative Video



From Kent Petty, KL5T, Anchorage DEC

Please plan to come help with the Winlink HF Peer2Peer exercise this Saturday, February 1st at the Hamshack — 0900-1030.

Doughnuts provided.

I should first introduce myself to those of you who might not know me. I'm Kent Petty, KL5T, your new Anchorage DEC. I've been a HAM since about 1989 when I got my ticket while serving in the Air Force at OSAN Air Base, Korea. I'm a CW op at heart, but understand the importance of all our modes and bands. Years ago I was pretty heavily involved with the Iditarod and other public service communications support activities. At one time I did a considerable amount of scripting for training purposes on the weekly ARES nets. I was Treasurer and President of the South Central Radio Club for a time, and am currently on the AARC Board of Directors.

I also understand that each of us can play a vital role as emergency communicators during any number of crisis situations and hope that you do as well. The AARC and ARES have come a long way over the years. I know that some of you who have stayed close to the club, the hobby, and ARES may feel at times that there just isn't any progress being made. I, however, have a different view. Since life steered me away from heavy involvement in the hobby for quite a number of years, when I look now to see where we are

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at, I can see that a tremendous amount of progress has been made! There is the CCV, tower and power trailers, the club station itself, new equipment and capabilities, Winlink RMSs (HF and VHF), new repeaters, relocated repeaters, and the list goes on and on. This being said, we have a lot of opportunities presented to us, especially when it comes to organization of our emergency communications operations and capabilities.

My job as Anchorage DEC is to help get us organized to fit and work cooperatively and efficiently with the AARL Field Organization in Alaska. It just so happens that we have several important entities within our area that are primary customers, not only for our little berg, but also for the State as a whole. The State Emergency Operations Center (SEOC) on Fort Richardson, the Anchorage EOC, and the American Red Cross in Anchorage all have either statewide or regional responsibilities; each relies on amateur radio support capabilities through ARES. Furthermore, as it turns out, it is clear that our own AARC Club Station has an important roll to play in emergency communications as well. Mike O'Keefe, KL7MD, is leading the charge at the Anchorage Red Cross. I'm working to get our access squared away to the SEOC and the Anchorage EOC. The SEOC station is being configured for VHF and UHF voice and data as I write this, and HF capability is not far in the offing. The Anchorage EOC is presenting a bit more of a challenge, but once we work out the bugs we will get inside to get the existing equipment operational, and if necessary, upgraded. The Anchorage club station is moving along nicely with full HF voice, CW, and data capabilities, as well as the full compliment of UHF and VHF capabilities. We even installed our spare HughesNet dish on the roof this past Saturday and brought the system online. One of its main purposes will be to allow us to stand up an additional Anchorage Winlink VHF/UHF RMS station.

Our next move is to assemble teams to be responsible for each of these important venues. For the SEOC, there are the general challenges of getting onto the base itself. This is most easily achieved by active duty or retired military or DoD civilian folks. For the Anchorage EOC and the AARC Club Station, it would probably best to have folks on the teams that live in relative proximity to those locations. If you believe you could be an active member of one of these teams, I ask you to please contact me. Our objective will be to establish a training matrix that addresses the unique equipment within each of these facilities, and then training folks to be able to operate each piece of gear. The teams will be responsible for ensuring the equipment is operational, maintained, inspected, and exercised. They should be prepared to respond to communications exercise callouts, actual events, as well as to be ready to deploy elsewhere if the need arises. Most importantly though, it will be critical for anyone that works in the SEOC or Anchorage EOC to establish a good working rapport with the other staff in those facilities.

In the near term, there are a number of important statewide communications exercises that we are going to attempt to support with resources we have online. The next planned event is coming up fast and will be on February 1 from 0900 to 1030 AST. This will be a Winlink HF Peer2Peer exercise. At this time we plan to operate from the AARC club station only. The purpose of this event will be for stations throughout the state to establish direct peer2peer links with each other. Peer2peer has its limitations, but also has advantages in certain situations. In any event, it will be a great opportunity to practice with our gear and to identify opportunities relative to equipment capabilities or issues, training, and general operating procedures.

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The next major event will be Vital Connect, scheduled for February 19-23 from 0800 – 1600 each day. It is likely we'll try to staff whatever resources we have operational for this event. I suspect this will include the AARC Club Station as well as the SEOC. It also looks like we may be asked to provide an operator for their Mobile Emergency Operations Center (MEOC).

On March 27 will be the Alaska Shield exercise. This too, will call for us to light up all of our resources, including the SEOC, Anchorage EOC (if we are able), and the AARC club station. More to come on this one.

There is much to do, and it will take a real effort to get ourselves in a position to be ready to activate our teams and provide quality communications support to our served entities. We need to build our teams, so if you believe that you can assist, please throw your name in the hat. Any operator class can help in some way; you don't have to be an extra class high speed CW operator to be a big help! Again, I'm specifically requesting folks that are willing to be part of the SEOC team (folks that have base access privileges), the Anchorage EOC team, and the Anchorage AARC Club Station EMCOMM team. You can reach me by dropping me a line at pettyak@gmail.com.

73 DE KL5T

Pictures from last Saturday's work party — erecting the HughesNet satellite dish on the Hamshack roof. (provided by Mark Sabel, WD6BMD)



Also from Kent Petty, KL5T

AARC Acquires an Inventory and Maintenance Management System



Have an issue to report to *Anchorage Amateur Radio Club*?
[Submit a Maintenance Service Request](#)

As many of you may know, the AARC has a pretty extensive inventory of equipment positioned at a number of locations throughout the region. We've got equipment at our club station, at repeater sites, at emergency operations centers, and several other venues. It's been a real challenge to get a good handle on what we own, what it's worth, to ensure that periodic preventative maintenance is performed, and to keep track of what just plain needs fixing.

We've secured access to a web-based maintenance management system that we believe will help us finally nail this down. It's called Maintenance Assistant Computerized Maintenance Management System, or "MA CMMS" for short. We've been working for a couple months now to bring this system online, and now have about 350 line items in the database. You might think, "Wow! That's a lot of stuff!" And you'd be right, but it turns out that we've got a lot more inventory work to do.

The MA CMMS does several things for us. First, it will eventually provide us with a good list of all our equipment, where each piece of equipment is located, and what each piece of equipment is worth. Second, it can be used to schedule and track periodic maintenance on any piece of equipment (ex: periodic firmware updates on a radio or oil changes on the CCV). Third, it can be used by ANY member of the club to report a discrepancy, malfunction, safety issue, etc. with any piece of equipment, or even a location (like the club station).

I'm very excited about the ability for any club member to report an equipment defect with the system. It's really a very simple process. Simply go to: kl7aa.macmms.com. I think you'll find that the page is pretty straight forward. You can either sign into the account (which you won't do unless you're a system administrator), or, you can simply "Submit a Maintenance Service Request". By selecting "Submit a Maintenance Service Request", you'll be taken to a page (actually a popup, so you might have to enable popups on your browser) where you'll be prompted to enter your full name, your phone number, and your e-mail address. In the "description" block,

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simply enter a good, clear description of the issue you'd like to report. Be sure to give a location of the item, provide an asset tag number if the equipment has one, or serial number, model number, etc. You DON'T need to enter anything in the "Maintenance Type", "Priority", or "Suggested time (hours)" boxes.....these are optional. When you click on "OK", the maintenance service request will be submitted and YOU and I will get an e-mail immediately with your submission. We can then take a look at it, and assign it to the right person or team to take care of the problem. If YOU would be willing to tackle it, just be sure to say so in the "Description" box and by golly by George, I'll assign it to you! If you found the problem and corrected it on the spot, you can take a moment to submit that as well. Just provide all the details in that "Description" box. Feel free to go ahead and submit a "test" maintenance service request. I can easily delete it.

So please remember, if you find something wrong with a piece of club equipment or any issue at a facility, take the time to submit it via MA CMMS at: kl7aa.macmms.com. By doing so, we'll have a record of the issue and be able track our progress on resolving that issue. A report will be generated by the system for presentation to the Board listing the current open work orders as well as a listing of the completed work orders over the past month.

If you have any questions about MA CMMS, please fee free to drop me a line at pet-tyak@gmail.com.

73 DE KL5T

Notes & News

To Everyone:

Susan Woods, NL7NN, has been moved to Prestige on Muldoon (formerly Mary Conrad Center)

She would be glad of phone calls – 907-529-7039 — or visits. Word is that she is bored.

At the last Board meeting, the Board voted to donate \$500.00 to AMSAT to be used in their general fund.

Ron Keech, KL7YK, has arranged to donate print copies of QST to AARC. These will be kept in at the clubhouse for use by anyone interested.

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Below is a link to the FCC rules for online browsing

Part 97 Amateur Radio

[http://www.ecfr.gov/cgi-bin/retrieveECFR?
gp=&SID=3eafc2c6ae6bf4f7ce3122ab4b74e52f&r=PART&n=47y5.0.1.1.6](http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=3eafc2c6ae6bf4f7ce3122ab4b74e52f&r=PART&n=47y5.0.1.1.6)

John Lynn PE, Communications Engineer
State of Alaska, Dept of Administration
"ETS" (Enterprise Technology Services)
john.lynn@alaska.gov

From: Craig Bledsoe, KL4E - Chairman of the 2014 Engineers Week Steering Committee

Subject: Amateur Radio Demonstrations at Area Schools During Engineers Week

Ham Radio School Demonstrations Wanted in February

Do you have a handheld or portable ham radio station that you would be willing to demonstrate to eager students during Engineers Week — February 17th through the 21st? Well, opportunity is knocking, and we'd like you to answer!

Traditionally the classroom hours of Engineers Week are made available by many teachers and faculty for STEM (Science, Technology, Engineering, and Mathematics) presenters to showcase their equipment and skills for interested students across Southcentral Alaska. This can be almost any sort of communications display that you wish to bring along. Satellite demonstrations (a handheld radio and an Arrow antenna) are an obvious fit, but so are digital modes such as Packet or APRS. Even a basic CW or phone QRP rig feeding a tape dipole or Cliffhanger vertical (I have both available to borrow) will do just fine. The point is to just get out there and do it!

So what is the next step? If you have personal contacts within your local school system, then please get in touch and ask if there is an interest in having a ham radio demonstration as part of the academic outreach program of Engineers Week 2014. If your faculty or staff contact would like more information about the Engineers Week school speakers program, please reach out to Nicole Knox and/or Paul Tenison (contact information below) for prompt assistance. Lastly, if you would like to participate, but you don't have school contacts lined up, please promptly e-mail or call Nicole and/or Paul to get listed as a volunteer. That way they will have your availability, preferences, and contact information ready to go when they get requests from schools for STEM speakers during the runup to this year's Engineers Week activities.

Thank you very much for assisting with this important educational activity.

73,
Craig, KL4E

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Heads up!!!

The community event season is gearing up for the races, rides, etc.

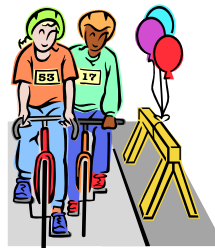
Please save time on your calendar for these events.

Coming soon:

The MS walk around Lake Hood — Sunday April 27th

Hope Walk & Roll — probably Saturday, May 3rd (the web site didn't have this entered yet)

Golden Nugget Triathlon — Sunday, May 18th (I have the first meeting for this event on Monday night, February 3rd.)



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

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ANCHORAGE AMATEUR RADIO CLUB

BOARD MEETING MINUTES

December 17, 2013

Approved Minutes



Board Members Present: Lara Baker, AL2R; Alice Baker, KL2GD; Tim Crowley, KL2VK; TJ Sheffield, KL7TS; George Wilkinson, KL1JJ; Paul Spatzek, KL7PS; Eric Thompson, N6SPP

Visitors Present: Mark Sabel, WD6BMJ; Richard Tweet, KL2AZ

Board Members Present via Teleconference: Jim Wiley, KL7CC; Rich Gillin, AL4S; TJ Tombleson, KB8JXX;

Board Members Excused: Ron Keech, KL7YK; Chris Conway, KL7QO; Fred Erickson, KL7FE;

Board Members Unexcused: Eric Reimer, KL2NW

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: The minutes of the Board meeting of November 19, 2013 were presented. Alice Baker, KL2GD moved to accept the minutes and George Wilkinson, KL1JJ, seconded the motion. The motion passed. Secretary Crowley then announced that he would be moving to Arizona probably in January.

Treasurer Report: Alice Baker, KL2GD, presented the Monthly Expenses report noting that \$6,000 was received from Boniface Bingo, \$500 from the Skinny Raven Runners Club, \$500 from restitution, \$83 from the sale of books, and about \$700 from dues. Coax cable was purchased for the club for \$500.

Finance Committee Report: Keith Clark, KL7MM, was out-of-town.

Grant Committee Report: Lara Baker, AL2R, reported that a check for \$4,800 was sent to MARA.

Gaming Committee Report: \$6,000 was received from Boniface Bingo. This is an early 4th quarter payment. We are still waiting for the renewal of our permit.

Projects Committee Report: TJ Sheffield, KL7TS, where the club is in spending gaming income required by state law. Regarding the ECCP account: we have 22 projects. 14 are completed, 4 have

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not been started, and the rest are in process. The new trailer is being built. He then explained more about how we may report gaming income and expenses.

VE Program: Jim Wiley, KL7CC, reported that 8 people were tested last Saturday and 6 passed. Remote testing is going along fine.

Trustee Report: Keith Clark, KL7MM, could not attend.

Membership: Fred Erikson, KL7FE, could not attend but sent an e-mail and reported that there are 250 members with 226 actual licensed operators. There are 157 Alaskan voters. About 71 members need to renew their membership soon.

By-Laws: Lara Baker, AL2R, has started to distribute his ideas to the committee. He hopes to have the committee meet before the next board meeting.

ARES Report: Kent Petty, KL5T, could not attend tonight.

New Business:

TJ Sheffield, KL7TS, explained about ARRL's petition about Pactor 4 before the FCC. He urged board members to express their support by going to the ARRL website and click on the link to the FCC. December 21 is the deadline.

George Wilkinson, KL1JJ, reported on a repair job to a sofa in the CCV for about \$100.

January program for the General Membership meeting: A general discussion occurred about possible programs and speakers for January as well as February and March.

Tim Crowley, KL2VK, requested that the board consider Mark Sabel, WD6BMJ, as the new secretary when he officially becomes a member of the board on January 1, 2014. Mark graciously accepted the position.

Paul Spatzek (who has a new call sign after obtaining his General license: KL7PS) will handle the door prizes for the January General Membership meeting.

Adjournment: The meeting adjourned at 7:50 pm.

Respectfully submitted by
Tim Crowley, KL2VK
AARC Secretary

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GENERAL MEETING MINUTES



January 3, 2014

Approved Minutes

Lara Baker, AL2R, President, opened the meeting at 7:04 pm.

Twenty-five members and guests were present. Introductions were made, and a quorum was established.

Treasurer's Report: Alice Baker, KL2GD, reported that the Club received a fourth-quarter 2013 payment from Boniface Bingo in the amount of \$8,000. During 2013 the club received \$52,600 in gaming proceeds, leaving less than \$1,000 unspent and so satisfies State charitable gaming regulations. Lara Baker, AL2R, added that the Club will have filed the required 2014 gaming permit with the State by Monday, January 6, 2014.

Presentation: TJ Sheffield, KL7TS, spoke on the Alaska Shield 2014 exercise to be held the throughout the week of March 27th. Alaska Shield 2014 is a full-scale, statewide exercise that coincides with the 50th anniversary of the Good Friday quake. Alaska will use this as an opportunity to exercise for a catastrophic earthquake. HAM radio is being integrated in the exercise, probably for only one day. Sheffield asked AARC members get involved in the preparations and then to participate in the exercise. The Working Wednesday evening get-togethers at the Club House can be used to prepare.

Comments from the Floor: There were no comments.

Adjournment: Lara Baker, AL2R, President, announced the meeting to be adjourned at 7:45 p.m.

Respectfully Submitted
MARK SABEL, WD6BMJ
Secretary, Anchorage Amateur Radio Club

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People to Help You!! 2013 Officers & Board of Directors

Officers

President	Lara Baker	AL2R	president@kl7aa.net
Vice President	Ron Keech	KL7YK	vicepresident@kl7aa.net
Secretary	Mark Sabel	WD6BM	secretary@kl7aa.net
Treasurer	Alice Baker	KL2GD	treasurer@kl7aa.net
Activities	Vacant		



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

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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 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 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 website for updates on availability of these items.

Equipment for sale

February 2014

Kenwood TS-430S transceiver, PS-430 power supply and hand microphone. 160 thru 10 meter SSB, CW and AM. 100 watt output and TX has been opened up. Has 1 SSB filter, no FM board or manuals. It operates well. Used when purchased \$475.00

Heathkit SB-104A transceiver, HP-1144 power supply, SB-604 speaker, and Turner 454 desk microphone. The rig was repaired, aligned and tested by RTO Electronics last summer. The unit has modifications in the VOX, NB, and an added RIT circuit. It comes with a non working SB-614 Station monitor and manuals for both. This rig operates well for its age. Used when received \$1,000.00

One lot: Heathkit HW-100 and a HW-101. They are not complete, the 100 is parts and the 101 might be resurrected. Used when purchased \$100.00

LDG AT-200 ProII antenna tuner, new, used 1 week. \$225.00

Heathkit SA-2040 manual antenna tuner. Used when purchased \$175.00

Shure 444D microphone, no plug and short cord, used when purchased \$100.00

Heathkit SB-201 amplifier, 80-15 meter, new Harbach power supply, soft start, soft key, and fan. Tested into dummy load, 500 watts on each band. – Used when purchased, \$600.00.

Your choice on shipping at actual cost.

James Kohl
KL7KK
Cell: 907-545-2212
Email: jimkohl@arrl.net

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FOR SALE ITEMS

Estate Sale: Updated 6 Jan 14

Rohn 25G tower system: 60 ft with flat top thrust bearing section, 15-ft 2-inch OD aluminum T6061 mast, two sets of GA25GD torque brackets, Phillystran HPTG6700I guys with big grips, turnbuckles, equalization plates and hardware. Telex HyGain TIX Taitwister rotator, with approx 140 ft of Belden 9405 control cable and controller. Mosley TA-34XL 4-element tri-band yagi with 40M add-on option. All in excellent condition, down and ready to haul. \$1900 Prefer to sell as package.

Comet GP-6 dual band 2M/440 base station antenna, new in box \$130.

Kenwood TS-9408/AT HF transceiver (150 KHz–30MHz) with all band transmit mod, and service manual. Last used in 2007, needs internal batteries replaced. Includes Heil BM-10 boom headset mic with HC-4 DX element. \$800

Ameritron AL-80A HF linear amplifier, with single 3-500Z tube, 1200W pep max ssh, 10-160M, \$700

Mike AL7KC 460-0242 (text or call)

Estate Sale: Updated 20 Jan 14

Amateur Radio Equipment for Sale KL7GID – Gene Mockerman Estate

If interested in any item(s) please contact Larry Plessinger, AL7LW, Nikiski, AK

I will Email photos of individual item(s) upon request. Prices listed are estimates of current value and many are negotiable.

Email - larry@acsalaska.net or Phone 776-5569 HF TRANSCEIVERS

ICOM – IC-720A with aluminum carrying/shipping case, microphone and manual. Minor scratches on top of radio. \$300 OBO

VHF TRANSCEIVERS

YAESU - FT-2500M - With microphone and manual Like new condition - \$150

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ADI -AR-146 -Mobile radio with microphone and manual Appears to have had very little use. - \$75

POWER SUPPLIES

ASTRON-RS-20A-\$75

GENERAL INSTRUMENT -2000 PS, 24 VDC, 4 AMPS

New condition -Apparently for an antenna rotator - \$20

RF AMPLIFIERS

COLLINS-30LI, RFLinear Amplifier (4 -81 I A) with manual Appears to be in good condition - \$600

YAESU-FL-2100, RFLinear Amplifier (2-572B) with manual Good condition - \$350

PALOMAR-TX-100, 3 TO 30MHz, Broadband, solid-state, Bi-Linear RF Amplifier. Appears to be in good condition - \$50

ANTENNA TUNERS

KENWOOD AT-230 ANTENNA 1 TUNER. Nice tuner - \$100 OBO

KEYS & KEYERS

T.R. MC ELROY BUG/STRAIGHT KEY COMBO -This is an antique all stainless steel key that has both a bug and straight key on the same base. Note: One of the plastic or Bakelite paddles is missing. \$100

MFJ 422-B -PACESETTER KEYS - The Pacesetter is an MFJ electronic keyer mounted on a 'BENCHER" iambic paddle. Keyer could be easily removed if you want only the Bencher. Good condition. \$100

ANTENNAS - HF

KENWOOD MA-5 - This is a five band mobile antenna system. It is a helical antenna much like Hamsticks except it uses the same helical wound base for all bands. Rated for 200 watts. Looks nice and I don't think it was ever used. \$150 OBO

GAP VERTICAL (PARTS) This GAP vertical was on the air at Big Lake for many years but time and weather have damaged some of the insulators so it is listed as "parts." Located at Big Lake. Make offer

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ANTENNAS - VHF

HUSTLER CG-144 - This is a Hustler stainless steel mast with a two-meter band loading coil. Could be easily mounted on a vehicle mount but presently is mounted on one of the heavy-duty-three-magnet, magnetic mounts. \$50 OBO

ISO POLE VHF VERTICAL - Condition unknown. This antenna is still on tower at Big Lake. Make offer.

MISCELLANEOUS

REMOTE ANTENNA SELECTOR-YAESUFAS-1-4R-New in original box. \$100

DESK MICROPHONE -KENWOOD MC-60-Complete, with manual. Appears to be in good condition, some minor blemishes. \$60 OBO

DAK SUPERDIRECTIONAL "SHOTGUN" MICROPHONE - NEW, with hard case, instructions and accessories. \$30

DESK MICROPHONE -SHURE EM28A -Glue residue on base from old GE label. Otherwise good mic - I think this is a simply a Shure 444 with a GE label \$15

HF RECEIVE PREAMPLIFIER -AMECO PT-3 -With instruction sheet and wall-wart. \$25 OBO

DIGITAL FREQUENCY COUNTER -HEATHKIT IM-2420 - With original Heathkit manual, both in good condition. \$75 OBO

DUMMY LOAD - HEATHKIT CANTENNA - This is one of the old classic oil-filled dummy loads by Heathkit. There is some oil in bottom of plastic bucket so the Heathkit "paint can" may be leaking. \$10

TNC/MICSWITCH-MFJ 1272M-"NEW"with manual\$20

TNC/MICSWITCH -MFJ - 1272M -like new-\$15

MICROPHONE MIXER - SONY MX-300 \$20 OBO

LOW PASSFILTER - B & W -MODEL 425 - \$10

LOW PASSFILTER - NYE VIKING -MODEL 020-001 - \$10

ANTENNA TOWER, HF BEAM & ROTATOR - This is a fifty or sixty foot tower, still standing

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at Big Lake. It is light-weight tower similar to Rohn 25. This tower is in generally good condition except for the bottom section which is freeze damaged. Included is a TRI-BAND BEAM ANTENNA (probably a TA-33), a TWO-METER BEAM and a CDE ROTATOR & CONTROL. Buyer is responsible for removal.

NOTICE: Since the bottom tower section is freeze-damaged, and guy cables are questionable, temporary bottom leg reinforcement (angle-iron and U-bolts) and temporary guy ropes must be added for safe antenna and tower removal. Package deal \$400 OBO

IMPORTANT NOTES:

Due to the quantity of items, my inspections have been brief. Therefore, if you purchase items and after inspection or testing you find that my description was inaccurate, please contact me and we will renegotiate so as to achieve a "win-win" transaction.

If you believe the price of any item is too high (or low), please contact me and I'll reconsider.

Most of this equipment is presently located at my home near Nikiski. Some items can be mailed (at your expense) and delivery arrangements made for larger items.

One hundred percent of the proceeds from the sale of this equipment go to Alice Mockerman, WL7CAD

Al Jones, W9JIZ, Ham Equipment for Sale: Updated 21 Jan 14

Contact Dick Grady AC7EL Home: (775) 751-5242 Cell: (775) 513-4388

Heathkit Model HD-19 Hybrid Phone Patch \$30

Yaesu Model FT225RD 2-Meter Transceiver, Stuck In Transmit Mode, needs a relay replaced \$150

TMC GPR90 Communications Receiver 540KC TO 31.50MHZ GENERAL COVERAGE RECEIVER.

MODES OF OPERATION AM/CW/MCW \$1000

Unident Bearcat Scanner Handheld BC100XLT no power cord \$35

Icom IC 2AT 2 Meter Handi Talkie with hand mike \$20

MFJ Model 986 Roller Differential Tuner, 3 KW, 1.8 - 30 MHz \$200

Micronta 3Range SWR Tester/Meter \$20

Two (2) Astatic Model D-104 Silver Eagle (?) Desk Microphones \$125

Magmount Antenna S30400 27.5" high, CD Freqs. \$20

THE AARC ANTENNA

Realistic TRC-415 CB Xcvr \$30

Kenwood MC-43S Hand Microphone \$35

Mobile Vertical, Marked "40", (40 Meters?) \$50

Hustler Vertical Antenna RM-20 \$15

Vertical Whip Antenna, no base, 48" high \$10





Upcoming Events



Plan ahead:

The "Community Service" event season is over until May, 2014.

Coming soon:

The MS walk around Lake Hood — Sunday April 27th

Hope Walk & Roll — probably Saturday, May 3rd (the web site didn't have this entered yet)

Golden Nugget Triathlon — Sunday, May 18th



THE AARC ANTENNA

Anchorage Amateur Radio Club
 PO BOX 101987
 Anchorage, AK 9510-1987
 www.KL7AA.net



ARES DISTRICT 7 & 5
 KL7AA & KL7JFU

February 2014

Sun Mon Tue Wed Thu Fri Sat

						1 Peer2 Peer Ex. 0900
2	3	4 VE Testing	5	6	7	8 VE Testing
9	10 Finance Com. 7:00	11 Projects Com. 7PM EARS Genl Mtg	12	13	14	15
16	17	18 AARC Board Meeting 7 PM	19 MARA Board Meeting 7 PM	20 Vital Connect – 19th–23rd 0800 –1600	21	22
23	24	25	26	27	28 Mara Meeting 7:00 PM	

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

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 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.

1st 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

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 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 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 146.850 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 Denny's on Denali for breakfast. Topics? Radio, photography, and upcoming events For information, contact Kathy O'Keefe, KL7KO, 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>

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>

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

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

ALASKA MARS: <http://www.akmars.org>

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

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

Links for Propagation: <http://www.harp.alaska.edu/>

ORP 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

HF RMS's

- Anchorage VHF ARES RMS WL7CVG- 10 144.9 (Elmendorf Moraine)
- Anchorage HF ARES RMS WL7CVG (multi-band scanning see 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 for frequencies)
- South Central Digipeater WL7CVG- 4 144.9 (Knik)

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:** 145.15(-) PL123.0Hz; Daily at 9:00 AM

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@arrl.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
147.33 +	103.5	WL7CVF	Cross linked to 443.900	Very Wide Area * *
443.900 +	103.5	WL7CVF	Cross linked to 147.330	Very Wide Area * *
147.27	Powered off			
443.300	Powered off			

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

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

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

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

Emergency
Management
Institute



FEMA

**ARES South Central Alaska District
Contact Information Don Bush,
KL7JFT@arri.net**

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

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

"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 also hosts a VHF RMS which provides Radio to Email service on VHF Radio in the Anchorage area.

The WL7CVG RMS's frequency listings, etc. can be found on 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) 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

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" 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 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.

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									
TOTAL									

Office Use Only

Approved _____
 Initials _____
 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.