

Anchorage Amateur Radio Club



Anchorage Amateur Radio Club

General Meeting

November 6, 2015
Carr Gottstein Bldg — 7:00PM

Dr. Alex Hills, AL7K
The Dawn of WI-FI



Please plan to attend the General Meeting on Friday. We have a most distinguished speaker for the meeting.

THE DAWN OF WI-FI

Dr. Alex Hills (aka AL7K) led the team that built the world's first large Wi-Fi network. On November 6, Alex will tell us how his experience as a ham helped him to overcome the challenges inherent in using low power radio (at 900 MHz and 2.4 GHz) to carry high-speed Internet traffic

Dr. Hills is an inventor and professor specializing in wireless systems, communications networks and telecommunications policy. He is Distinguished Service Professor at Carnegie Mellon University, where he and his team built that first large Wi-Fi network, and he has served as Chief Information Officer at two major universities, leading the universities' development and use of information technology and networks. He also holds faculty appointments as Profesor Extraordinario at the Universidad Austral de Chile and as Distinguished Affiliate Professor at the University of Alaska. In the past he has held visiting appointments as Cheng Tsang Man Professor at Nanyang Technological University in Singapore and as Erskine Fellow at the University of Canterbury in New Zealand.

Alex conceived and founded Carnegie Mellon's "Wireless Andrew" project in 1993 and led the project until 1999. Wireless Andrew is a campus-wide high-speed wireless network that is available to all students, faculty and staff of the university. It was the first large Wi-Fi network in the world and helped to create the vision of what Wi-Fi could become. Under his leadership, the Wireless Andrew team confronted and resolved many technology issues. Among these were: providing complete coverage in the face of radio propagation issues; creating a system design able to provide: adequate capacity; adequate network management and maintenance; and integration with cellular networks.

THE AARC ANTENNA

With the Wireless Andrew network complete, Alex began to work on innovations that would speed the design and creation of Wi-Fi networks and also improve their performance. He invented the "Rollabout" wireless design tool, which provided a faster and better design process than was available before its introduction. Rollabout was later commercialized by Helium Networks, Inc. He was also a key member of the startup company Airespace, Inc., helping to create a new line of high performance Wi-Fi products. The products experienced great market success, and Airespace was acquired by Cisco systems, Inc. Alex holds 18 patents, issued and pending.

Dr. Hills has also worked in telecommunications policy. He has done research, including the development of engineer-economic models, in this field, and he has advised the Federal Communications Commission on regulatory matters.

He served until late 1999 as Vice Provost and Chief Information Officer of Carnegie Mellon University. In this capacity, he was responsible for the development and operation of Carnegie Mellon's computing and telecommunications systems. He headed the university's information technology organization and was accountable for the financial and operational performance of the unit, which had 150 employees and a \$20 million annual budget. Previously, he held a similar position at the University of Alaska.

Deeply involved in community service over the course of his career, Alex has been: a full time volunteer in the Alaska bush, a frequent speaker for schools and trade and professional groups, a founder of the Alaska Science and Technology Foundation, a "coach" in "Mathcounts," a national mathematics competition for junior high students, a member of the Governor Tony Knowles Transition Team, a member of a volunteer team building a health clinic in Costa Rica (he speaks passable Spanish), a member of the Anchorage Telephone Utility Board of Directors, and a member of the Board of Directors of the Alaska Chapter of the American Red Cross. He is currently: a member of the University of Alaska College of Fellows, a Rotary Club member, and a member of the Palmer Chamber of Commerce, He is a former U.S. Army Signal Corps officer and served as a company commander in Korea.

Alex also has lots of international experience. He has lectured and consulted in: Argentina, Australia, Bolivia, Brazil, Chile, Columbia, Cook Islands, Costa Rica, Ecuador, El Salvador, Ethiopia, Ghana, Italy, Malawi, Mexico, Netherlands, Palau, Panama, Peru, Philippines, South Korea, New Zealand, Russia, Rwanda, Singapore, and South Africa.

He holds a B.S. in electrical engineering from Rensselaer Polytechnic Institute, an M.S. in electrical engineering from Arizona State University, and a Ph.D. in engineering and public policy from Carnegie Mellon University. He is also a Fellow of the IEEE and holds an honorary Doctor of Letters degree from the University of Alaska. He was recently elected to the newly created Alaska Innovators Hall of Fame.

He lives with his wife Meg, who is a nurse practitioner. The couple has two daughters, Drs. Rebecca and Karen Hills.

501(c)(3) effort:

The Anchorage Amateur Radio Club (AARC) is in the process of petitioning to change our non-profit rating from 501(c)(7) to 501(c)(3).

The difference in these two non-profit designations is that as a 501(c)(3) organization we can give people who donate or provide grants the capability of claiming the donation/grant as a tax deduction.

This effort will be very important to the future function of AARC.

But it is a substantial effort that will need the help of all members. Some of the items we have to gather to present with our application are (1) a historical tracking of our Articles of Incorporation, (2) information about events that the AARC has participated in (both public service and actual emergencies), (3) historic financial information, (4) volunteer participation, and a long list of other information.

Your Board will be contacting all of you to help provide information for this effort.

Logging Volunteer Hours

As some of you may know, the AARC is working towards becoming a 501(c)(3) non-profit organization. There are numerous benefits available to us as a 501(c)(3), including gaining a greater ability to apply for and receive grants from any number of organizations.

As we recently learned at a Grant-Writing session presented to several members of the AARC Board, volunteer time has value that is often not accounted for in volunteer-based organizations. It was very clearly presented during the seminar that it is indeed important to track volunteer time as its value can be applied to meeting requirements for matching funds grants.

There are other benefits of tracking volunteer time which will allow the AARC to:

- recognize our volunteers for their service,
- document our volunteer time contributions to measure our effectiveness for funders and donors,
- establish the values or costs of programs or services provided to the community, and
- protect ourselves and our volunteers from allegations of misconduct

One of the best ways to ensure that volunteer efforts don't go unrecognized or unrecorded is to record donated service at the time it is performed. This action ensures that volunteer efforts are captured for financial reports, lessens the likelihood of the volunteer effort falling through the cracks and going unnoticed, and helps identify and objectively rank volunteer service deserving of special recognition.

THE AARC ANTENNA

We should be tracking our volunteer time for a long list of club-related activities. Some include club board activities, emergency communications training and support, general club station support, public service communications support, VEC related activities, and more.

The AARC is using a web-based system which is quite easy to use to track volunteer time. It is a system/service called *Track It Forward*. The following link will take you to the web page where your volunteer time can be recorded:

<http://www.trackitforward.com/site/anchorage-amateur-radio-club>

We've also included a widget on the KL7AA website that will allow you to enter time. Just go to www.kl7aa.net, scroll to the bottom of the page, and select "Track Volunteer Time".

In either approach, if you already have a username and password, you'll be able to log in and record your time. If you need to establish an account, just select the appropriate choice and you'll be able to easily and simply create an account. From there you'll be presented with a screen that will allow you to enter your time.

You'll find that there are several options to categorize your volunteer time in the drop-down list. If in doubt about how to categorize your time, just pick what you think fits best and provide details of your concerns in the narrative description you are able to provide. We review all entries and can edit if necessary.

When the club supports large events where we have event managers to organize that support, we'll be asking those event managers to keep logs of individuals participating so that that we can do batch uploads of volunteer time into the system rather than asking each individual to upload their own time.

So please, if you do any work on behalf of the club, please take a moment or two to log those hours. It will take some time for everyone to get into the habit, but in the long run, we expect that it will end up paying big dividends for the club.

Until we find a permanent manager or champion for this effort, please contact Kent Petty, KL5T at kl5t@arrl.net with any questions. If YOU would like to help with this effort, please step forward!

Thanks!

Kent, KL5T

Jamboree On The Air

JOTA/JOTI stands for Jamboree on the Air/Jamboree on the Internet. Scouts from around the world set aside the third weekend in October to chat via amateur Radio or via internet. There is no other event in world Scouting of the scale of JOTA-JOTI and it is difficult to conceive of any similar event outside of Scouting. The internet component includes text, voice, and specially designated Minecraft chat rooms.

KL7AA has been a proud participant in JOTA for years. This year KL7AA continues the tradition. The modes included HF SSB Voice, CW, HF PSK-31, 2 Meter FM Simplex, 70 cm FM Simplex, D-STAR, DMR, IRLP, EchoLink, and APRS. details (http://www.scouting.org/jota/operators_guides.aspx)

On a freezing, very dark, rainy, Saturday Morning, the Cub Scouts (1st – 5th grade) were glad to be dry and warm indoors at the KL7AA Clubhouse. The lights shone brightly out the window in 10am on Saturday October 17. Stocked with snacks, iCOM beginner HAM coloring books and comics, KL7AA was a ready host. Lara Baker, AL2R, robustly led the boys and their siblings through an age appropriate orientation of amateur radio. After which, it was off to a full immersion into the station's ham radio, Internet chat on a Laptop, and echolink on the iPhone. Armed with simple pictorial instructional worksheets in hand, the Cubs took a unexpectedly keen and immediate interest in Morse code. Three adults asked how to get licensed.

We had 5 cub scouts, 3 siblings and 5 adults/parents and 2 club members. The committee running Cub Pack 104 extend a full throated thank you to KL7AA for helping to make 2015 JOTA-JOTI's event a great success once again.

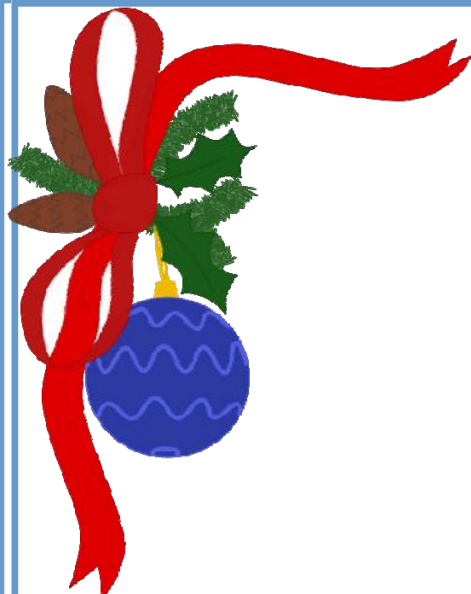
No pictures are available but here's an illustration: <http://www.k2bsa.net/infographic/>

73,

Brian Metras KLOWV



THE AARC ANTENNA



Save the date:

December 4th — AARC Holiday Party

As usual, there will be a Chinese Auction.

And a comic T-shirt contest

And food!!!!

[KL7AA] Military Auxiliary Radio Service (MARS) DOD Exercise 8-10 Nov
DOD COMEX 15-4 8-10 Nov

My name is Ron Keech and I am the State Director of Army MARS Alaska. As such, I represent the Army Military Auxiliary Radio Service or AMARS in Alaska. There are currently only ten MARS Operators in the state. In the lower 48 there are thousands. So it's very important to have MARS and Amateur Radio work together in Alaska since it's a very large geographic area separated from the rest of the country. To that end the Quarterly DOD Communications Exercises are directing that we include Amateur Radio.

*When? *Starting Sunday the 8th, MARS members will start being tasked to provide status updates back to DOD. Starting about 1pm Sunday, Alaska Time, you may hear some chatter on air between a couple of Hams discussing the exercise and or updates to the resources in the areas they are in. That could be on VHF or HF. The drill runs until 3pm Alaska Time, Tuesday.

Goal of the Communications Exercise or COMEX- For our purposes, it's to have MARS and Amateur Radio interface for the mutual training of the operators and to draw on Amateur Radio for the collection of data regarding the status of critical resources in a community.

How? Using radio, MARS Operators wearing their Amateur Hats and operating as Amateurs will contact Alaskan Hams for the status of critical resources after a simulated disaster. If those Hams are in ARES or RACES great! They will bring a degree of formal emergency communications training and experience to the process. If they are not part of ARES or RACES that's OK too as they will get their feet wet in the EMCOM world.

MARS Operators will be seeking the status of Transportation, Medical, Communications, Power, Sanitation and Water. MARS Stations will then be submitting a report through military channels

THE AARC ANTENNA

so federal emergency planners can get a quick and dirty update on the availability of those resources. I ask that should you decide to help out you report real world status -- please no exercise simulated damage or some such. We just need to be able to establish contact with Hams and gather up the status of that Borough or community.

MARS is basically collecting a snapshot of data in an given area, they are not directly interfacing with the State or City/Counties. That is the ARES Job.

Since MARS is trained to work with the federal agencies not the state/city level authorities, we cannot be expected to do what ARES does. Nor should ARES ever be expected to do what MARS does. Same job but with different bosses.

ARES is a local resource for the city and state emergency managers. MARS is a federal level resource, we each have specific jobs, but they are not the same jobs.

For this exercise anyway, there is not going to be much in the way of civil authority involvement. Alaska simply is coming late to the party. The lower 48 has been working this concept since last October.

MARS has a specific scope of information to gather from Hams. If you are asked on air to assist, your help would be appreciated. A station in the local area, a ham station will identify themselves as a MARS Station working an Exercise. They will ask for any information about the status of resources for that area on the air.

You need not do anything special. If you want to be involved just turn on a radio to the local VHF frequencies or listen to the ARES HF frequencies. For the Anchorage area, listen for a fellow amateur asking for help in a MARS Exercise. Local repeaters 147.33 and 146.67 will be used and on Simplex there should be someone listening on 146.52 in the Anchorage area.

You do not need to be an ARES Member to participate in this drill. As Amateurs, you are considered a trusted source; you live in the community after all. Since the exercise says we cannot use phones or the Internet, Radio is the main way to get the word out. Due to the sheer size of Alaska we have boroughs with few if any Hams living in them. So its important to be able to hear from the remote areas as well. This type of interaction will not only promote cooperation between Hams and MARS, it will provide a measure of training and experience that will be very valuable in the future.

For those areas away from the big population centers, do not be surprised to hear a station before or after Snipers, Bush, or Motley Nets looking for some exercise input on Sunday evening and perhaps on Monday evening.

If you have questions on the MARS contact me at kl7yk@kl7yk.us. There is a website as well at <http://akarmymars.net>

Worked All NCDXA “RST” Stations: A Special Event from KL7, VY1 and VE8!

Members of the North Country DX Association (NCDXA) will be active in February and March 2016 from several different locations in Alaska, Yukon and Northwest Territories using **KL7RST**, **VY1RST** and **VE8RST** to further promote Amateur Radio up north. This may just be a first for the north- a joint-venture KL7, VY1 and VE8 special event. All modes, 6-160 meters, and WARC bands are permissible. SWLs are welcome to participate. The object is to work or log (SWL) as many NCDXA “RST” stations as you can from their different locations. Work/log each “RST” station only once per their QTH/band and mode. Watch the DX spots as we plan to have stations on from Whitehorse, Yellowknife, Anchorage, Fairbanks, and many other cities (maybe an Alaskan glacier or two!). QSL manager is K7ICE. Optional full color certificates are also available (email JohnKL7JR@gmail.com for details) for working/hearing any of the “RST” stations. (QSLs printed by KB3IFH)

SPECIAL EVENT DATE: February 15 (0001Z) through March 27 (2359Z), 2016

EXCHANGE: NCDXA “RST” stations send signal report and QTH (i. e., 5x7 Anchorage, 5x9 Whitehorse etc.). Receiving stations send signal report and state, province or country.

CERTIFICATE LEVELS: Beautiful full color certificates are available for working/logging **(1)** One or two NCDXA “RST” station (s), **(2)** any KL7RST, VY1RST or VE8RST, but must work one of each, or **(3)** for those more competitive (keep in mind the scoring is for certificate levels and this is not a contest), a highest score category. Certificates are different scenery shots from up there for each level.

Scoring example: K7QRM works KL7RST in Anchorage on 10m SSB, 10m CW, 15m SSB, and 40m CW for his Anchorage total of 4 points. K7QRM works KL7RST at Matanuska Glacier on 10m SSB and 12m SSB for his Matanuska Glacier total of 2 points. K7QRM also works VY1RST in Whitehorse on 10 SSB, 15m digital, 40m CW and 30m CW for 4 points. K7QRM also works VE8RST in Yellowknife on 10m SSB and 20m SSB for a total of 2 points. K7QRM also works VE8RST in Hay River on 10m SSB for 1 point total. K7QRM's grand total points are the city QSO sum of 13 points. Handwritten or PC-generated certificate applications are acceptable. First, 2nd, 3rd etc. places will be awarded. Certificate deadline is May 15, 2016.

As a bonus, pending snow depth and weather, we may also have KL7RST and VY1RST on together from the border of Alaska and the Yukon on the Alaska Highway. That has got to be another first for the north! A special QSL and certificate will be available for the border op. Thanks in advance for your DX spots!

73 de “Yukon John”, KL7JR

THE AARC ANTENNA

Date: Sun, 1 Nov 2015 10:23:16 -0900
From: "David Heimke" <david.heimke@gmail.com>
Subject: [KL7AA] AARC Opportunity

Hi everyone,

Almost two years ago I stepped up when the standing Activities Chair for the Anchorage Amateur Radio Club slot came open. It was my first introduction to the efforts of the AARC, and I have enjoyed the club and activities so much that I have gone on to be one of the board members in addition to an increasing role keeping our club equipment functional.

It is time to hand the position to the next person. It will be vacant come January.

The duties are few but also fun:

1. Find speakers (a great way to reach out into the community, there are many interesting people in this region, and many topics)
2. Announce public service events and direct people to our teams of volunteers
3. Announce monthly meetings, in the forum like this one (you received one of my last announcements yesterday for this coming Friday's meeting)
4. Procure and disseminate the door prizes, an AARC tradition.
5. Attend board meetings (once a month) and learn about the workings of the club and interactions with the community and spend time with other hams who volunteer their time to promote amateur radio
6. Receive and respond to various communications that come to the Activities Chair (I have entertained hams from outside who contact that email, I have directed folks to our Field Day event, and been in a position to answer other questions about ham radio in Alaska)

I encourage someone out there to consider taking this position. It is an important one and should not be left vacant.

If interested, please contact me at the email listed or call me at home -(907) 258-1445. You can also contact any other board member; all of our contact information is on our website www.kl7aa.net.

Thanks for the opportunity to assist the club and look for me at club meetings and again coordinating Field Day in 2016, and of course, on the air!

73's, Dave AL7LO

THE AARC ANTENNA



Anchorage Amateur Radio Club
Board Meeting
September 15, 2015



Approved Minutes

The Anchorage Amateur Radio Club board meeting was held on Tuesday, September 15, 2015 at Hope Cottage on International Airport Road.

The meeting was opened at 7:00 PM by President Lara H Baker, AL2R.

The following Board members were present: President Lara Baker, AL2R; Treasurer, Alice Baker, KL2GD; Secretary Lillian Marvin, KL7YF; and the following directors; Allen Abbott, KB1QCE, TJ Sheffield, KL7TS; George Wilkinson, KL1JJ; Richard Tweet, KL2AZ; David Heimke, AL7LO.

Members present by phone: Jim Wiley, KL7CC; Richard Gillin, AL4S.

Visitors present: Fred Erickson, KL7FE; Keith Clark, KL7MM; Eric MacIntosh, KL2FM.

Visitors present by phone: none

Members excused: Kent Petty, KL5T

A quorum was established.

There were no changes to the Board Agenda.

Secretary's Report: The minutes were reviewed. Richard Tweet, KL2AZ, moved and Allen Abbott, KB1QCE seconded to accept the minutes. The motion passed. TJ Sheffield, KL7TS, moved, and the motion was seconded, to accept the minutes for the July Board Meeting and the August General Meeting as submitted. The motion passed.

President Baker announced that Vice President Ron Keech will resign in December for medical reasons. Paul Spatzek has resigned his directorship for personal reasons. Keith Clark, KL7MM, will replace Paul for the duration of Paul's term.

Treasurer's Report: Alice Baker, KL2GD, reported receiving no Gaming income – but there was another \$500.00 restitution payment. She reports that the restitution payments are now up-to-date. Everything else is up-to-date.

Finance Committee: Keith Clark, KL7MM, reported that gaming income is still down. In planning the 2016 budget, some items have been reduced or eliminated. The building and life membership accounts have been combined. The work on the application for 501(c)(3) status is ongoing. There are no ongoing or new projects. The club received \$5500.00 for the sale of the CCV, which will be entered into the accounts to be spent next year.

Grant Committee: There will be a meeting on September 26th at which Brenda Duty, who

THE AARC ANTENNA

writes grant requests for the Dept. of Fish and Game, will discuss how to apply for grants. The class will be held at Hope cottage from 10:00 AM to approximately 3 PM with the club possibly supplying the lunch. This will greatly aid the club in its application for 501(c)(3) status with the IRS. This in turn, will allow other groups to give tax-deductible contributions to the club.

The South Peninsula Amateur Radio Club's request for a grant was turned down due to the AARC's low gaming income.

Gaming: The Alaska Federation of Natives will come to Anchorage this year. Lara Baker will consult with Boniface Bingo on the prognosis for gaming income for the near future.

VE Committee: Jim Wiley, KL7CC, reported that everything was proceeding normally. One examinee walked into the testing session with no license and walked out with an Extra class license.

Membership: Fred Erickson, KL7FE, reported that membership is slow. There are approximately 240 members in AARC. Of these, 150 are Alaska voters, 190 are life members. 70 are non-Alaskan, 85 are dues-paying members, and 6 are family members. 70 memberships will expire at the end of the year. 18 are new members. Fred also reported that the average age of members is increasing.

By-Laws: Some minor changes were made to the Rules of Procedure as passed out by Lara Baker. George Wilkinson moved and Richard Tweet seconded to send the copies of the rules of Procedure to the general membership at the October 2nd meeting, to be voted on at the November General meeting.

ARES: There was no ARES report.

Old Business: The change of venue and date for the AARC general meeting was again tabled until the next Board meeting.

Replacement Director: Board member Eric Thompson, N6SPP, has resigned and will be leaving the state. Under the current By-Laws and Rules of Procedure, the board may select a new director to replace Eric. TJ moved and George seconded to appoint Allen Abbott, KB1QCE as the new director to fill out Eric's term. The motion was approved unanimously.

Glen Alps Repeater: The new owner of the Glen Alps site wants a history and information on the club's occupation of the site. Keith Clark will research this and meet with the new owner's representative.

Elections: The club needs to fill the following positions: Vice President and one director. Keith Clark volunteered to be a backup candidate for Paul Spatzek's position. Where there is a vacancy, the board may select a replacement.

501(c)(3): In applying for the 501(c)(3) status, Lara requested history of events and emergencies

THE AARC ANTENNA

in which the club benefited the community. He requested the name of the events, names and numbers of participants, and any other information club-members could give.

Club Meeting topics: TJ will talk about Working Wednesday for the October General meeting. Alice Baker will discuss proper operating procedures for community events sometime in the future. Lara also suggested that seasoned hams become "elmers" for new hams.

Miscellaneous: Joseph Pepe-Phelps requested that the club give aid to one of the parochial high schools in obtaining and running an amateur radio station at the school.

Richard Tweet moved and George Wilkinson seconded to adjourn the meeting.

President Lara Baker, AL2R, closed the meeting at 7:58PM.

Respectfully submitted,
Lillian Marvin, KL7YF
Secretary





**Anchorage Amateur Radio Club
General Meeting
October 2, 2015**



Approved Minutes

The Anchorage Amateur Radio Club general meeting was held on October 2, 2015 in the Carr-Gottstein Building at Alaska Pacific University.

The meeting was opened at 7:00PM by President Lara Baker, AL2R. Introductions were made.

President Baker discussed minor changes which were made to the By-Laws and the Rules of Procedure.

The "duties of officers" was moved from the By-Laws to the Rules of Procedures.

Two sections of the Rules of Procedure, (travel and reimbursements) were changed into "Policy" documents.

TJ Sheffield presented an excellent program on two subjects; 1) Working Wednesdays at the Clubhouse; and 2) how to become wired and operate a radio from a bicycle (bicycle mobile). If you would like to learn how to accomplish this, talk to TJ.

He gave great tips on how to mount a radio and antenna on your bike, what type of bike works best, and what types of headsets to use (Bluetooth). He explained that being able to operate a radio from your bicycle is a great skill during emergencies and special events, because they can be used on trails that are not accessible by car.

President Baker asked club members who volunteered for events to keep track of the number of hours they volunteered. Craig Bledsoe, KL4E, suggested that the volunteers use a login from that they could fill in. President Baker explained that keeping track of volunteer hours for various events and emergencies will aid the club in its application for 501(c)(3) status with the IRS.

Working Wednesdays: Those who wish to visit the clubhouse should show up on Wednesday evening by 6:30 or 7:00PM. If you have questions about your gear, the Hams there will take walk-ins, but it is best to call ahead. If someone wishes to check their own equipment, they may bring it to a Working Wednesday session. Those who wish to operate club equipment, or attend a Working Wednesday session, should contact Keith Clark, KL7MM.

Brian Metras discussed the Boy Scouts Jamboree on the Air (JOTA). He requested help with the visiting boy scouts – on October 17th. He will get together with Kent Petty to make the necessary arrangements.

Refreshments were served.

The meeting was closed by 8:25 by President Baker.

Respectfully Submitted,
Lillian Marvin, KL7YF
AARC Secretary

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People to Help You!! — 2015 Officers.

Officers

President	Lara Baker	AL2R	president@kl7aa.net
Vice President	Ron Keech	KL7YK	vicepresident@kl7aa.net
Secretary	Lillian Marvin	KL7YF	secretary@kl7aa.net
Treasurer	Alice Baker	KL2GD	treasurer@kl7aa.net

Board of Directors

3 year term— ends 2017

George Wil- kinson	KL1JJ	gdwilkinson2@yahoo.com
Jim Wiley	KL7CC	jwiley@gci.net
Dave Heimke	AL7LO	david.heimke@gmail.com

2 Year term— ends 2016

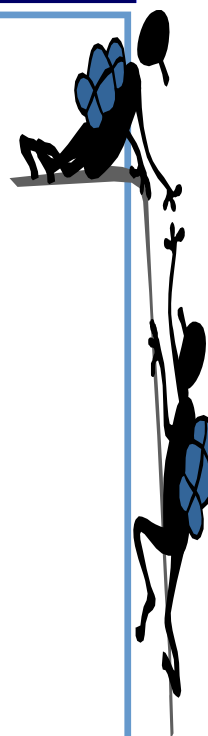
Allen Abbott	KB1QCE	allenabbott90@msn.com
Richard Tweet	KL2AZ	aktweeter@gmail.net
Rich Gillin	AL4S	rich@gillin.us

1 Year term— ends 2015

Paul Spatzek	KL7PS	pspatzek@alaskapublic.org
TJ Sheffield	KL7TS	kl7ts@arrl.net
Kent Petty	KL5T	pettyak@gmail.com

Other Contacts

Trustee	Keith Clark	KL7MM	trustee1@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
Activities Direc- tor	Dave Heimke	AL7LO	david.heimke@gmail.com



Regular Committee Meetings:

By-Laws Committee: Contact Lara Baker, AL2R

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?

Rich Gillin, AL4S
rich@gillin.us
PO Box 101987
Anchorage, AK 99510
E-mail: membership@kl7aa.net



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.





Upcoming Events

Plan ahead:

It is time to set aside the dates for the Community Service events.

The public service events are over for 2015.

Plan to help in 2016.





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Anchorage Amateur Radio Club
PO BOX 101987
Anchorage, AK 99510-1987
www.KL7AA.net



November 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 VE Testing	4	5	6 AARC General Meeting 7:00PM	7
8	9 Finance Com. 7:00	10 Projects Com. 7PM	11 Veterans Day  EARS Genl Mtg	12	13	14 VE Testing
15	16	17 AARC Board Meeting 7 PM	18 MARA Board Meeting	19	20	21
22	23	24	25	26 	27 Mara Meeting 7:00 PM	28
29	30					

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
443.900+ PL:103.5

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 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 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>

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

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

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

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

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

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

Alaska Navy/Marine Corps MARS: <http://www.navymars.org/pacific/reg10/AK>

Alaska VHF-Up Group: <http://www.gsl.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

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 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)
- 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

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 Packet Nodes provide a "talk" or chat function. Also if you are unable to connect directly to ontof the nodes, try digipeating through "EARS" on either frequency. Do this by typing "c eagle v ears" or "c vally v ears" on the appropriate frequency. Dee KL7AIR.US for more info on the digipeaters.

ARES Net: 147.33 103.5Hz - Thursdays at 8:00 PM local

No Name Net: 146.43 simplex 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 IRLP 9109, Echolink WL7LP-R and Allstar 27133 or 29332 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

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 **
Note:	443.9 Grubstake UHF is currently offline			

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

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.

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

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

<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 RMS Express, Paclink or Airmail software, and a Pactor 1-3 capable Terminal Mode Controller (TNC).

If the Internet is lost to the area the HF RMS can 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 the lower 48 and Europe using the HF RMS to pass email traffic to the internet on occasions.

We even see Marine Mobile Hams using it for sail mail. The call sign of the Anchorage HF RMS is WL7CVG. The 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.

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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.