Anchorage Amateur Radio Club

General Meeting

Carr-Gottstein Building
Alaska Pacific University
7:00PM

Matthew Caldwell
CTO, Borderhawk

Modern Malware Attack Vectors

We will discuss and demonstrate the newest vectors of how attacks are occurring. How Zeus is propagating, how Fake Anti-Virus is getting onto your internal networks and explain why it keeps happening.

Matthew F. Caldwell Bio

Matthew F. Caldwell is a seasoned security professional with over 15 years of experience in the information security field and also an amateur radio operator since the age of 14. Currently he serves Borderhawk as CTO where he designs best of breed information security intelligence solutions and governs the technical aspects of the company. He designed from the ground up DigitalStakeout's iScoutWeb and iScoutNetwork while serving as Chief Technology Officer. Prior to that he spent time abroad in the Philippines with the company Infowarriors working on IPv6 and Wimax technologies building the fastest DNS/DNSSEC Server on record and the first firewall specifically designed for IPv6 optimization.

Matthew was the Co-Founder of GuardedNet and original co-author of NeuSecure one of the first SIEM/SEM products on the market. GuardedNet was eventually sold to IBM and he holds patents on correlation technology with IBM.
At the recent Board meeting, and as directed by the new By-Laws, the Board drew “straws” to determine term limits for each director. (The new by-laws designate 9 directors with rotating 3 year terms)

The results of that drawing are:

Results of Director's Drawing -- August 19, 2014

Drawing was for positioning on new board -- i.e., 1-, 2-, or 3-year term

1 year term  ends Dec 2014

TJ Tombleson KB8JXX
Jim Wiley KL7CC
George Wilkinson KL1JJ

2 year term  ends Dec 2015

Paul Spatzek  KL7PS
TJ Sheffield KL7TS
Kent Petty KL5T

3 year term  ends Dec 2016

Eric Thompson N6SPP
Richard Tweet KL2AZ
Rich Gillin AL4S

All officer’s terms are complete as of December 2014.
Volunteers Needed:

Nominations for AARC Directors and Officers will be held during the September 2014 AARC meeting.

Please plan to nominate your candidate. We need a full slate of candidates — and will hopefully have some choices.

We will be voting on three Director positions and all 4 of the Officer positions.
The Big Wild Life Marathon event, including a Half Marathon, a relay Marathon and other associated races was held on August 17th.

The event was coordinated by Keith Clark, KL7MM. Hams participating in communications for the event included Chad Stone, KL3SJ, Alice Baker, KL2GD, Peter Hirst, W7ERA, TJ Sheffield, KL7TS, Jeremiah Grantham, KL@HO, Emily Rohwer, KB7AMA, Craig Rohwer, ______, Pat Cionson, KL3JH, Ray Hollenbeck, KL1L, Lara Baker, AL2R, George, Wilkinson, KL1JJ, Allen Abbott, KB1QCE, and Larry Bettis, KL3UL.

Thanks to Emily Rohwer, KB7AMA, Ray Hollenbeck, KL1L, Keith Clark, KL7MM, and George Wilkinson, KL1JJ for pictures of the event.
The 1st Annual Wal-Mart Car show.

From Craig Bledsoe, KL4E
More from Craig!!!

What are they trying to say????

*Really?!*
*TOILET OUT OF ORDER. PLEASE USE FLOOR BELOW.*

*In a Laundromat:*  
*AUTOMATIC WASHING MACHINES: PLEASE REMOVE ALL YOUR CLOTHES WHEN THE LIGHT GOES OUT.*

*In a London department store:*  
*BARGAIN BASEMENT UPSTAIRS.*

*In an office:*  
*WOULD THE PERSON WHO TOOK THE STEP LADDER YESTERDAY PLEASE BRING IT BACK OR FURTHER STEPS WILL BE TAKEN.*

*In an office:*  
*AFTER TEA BREAK STAFF SHOULD EMPTY THE TEAPOT AND STAND UPSIDE DOWN ON THE DRAINING BOARD.*

*Outside a secondhand shop:*  
*WE EXCHANGE ANYTHING - BICYCLES, WASHING MACHINES, ETC. WHY NOT BRING YOUR WIFE ALONG AND GET A WONDERFUL BARGAIN?*

*Notice in health food shop window:*  
*CLOSED DUE TO ILLNESS.*

*Spotted in a safari park: (I sure hope so)*  
*ELEPHANTS, PLEASE STAY IN YOUR CAR.*

*Seen during a conference:*  
*FOR ANYONE WHO HAS CHILDREN AND DOESN'T KNOW IT, THERE IS A DAY CARE ON THE 1ST FLOOR.*

*Notice in a farmer's field:*  
*THE FARMER ALLOWS WALKERS TO CROSS THE FIELD FOR FREE, BUT THE BULL CHARGES.*

*Message on a leaflet:*  
*IF YOU CANNOT READ, THIS LEAFLET WILL TELL YOU HOW TO GET LESSONS.*
*On a repair shop door:*  
*WE CAN REPAIR ANYTHING. (PLEASE KNOCK HARD ON THE DOOR - THE BELL DOESN'T WORK).*

*Proofreading is a dying art, wouldn't you say? Read on!*

*Man Kills Self Before Shooting Wife and Daughter.*  
This one I caught in the SGV Tribune the other day and called the Editorial Room and asked who wrote this. It took two or three readings before the editor realized that what he was reading was impossible!!! They put in a correction the next day.*

*Proofreading is a dying art, wouldn't you say? Read on!*

*Something Went Wrong in Jet Crash, Expert Says.*  
*Really? Ya think?*

*Police Begin Campaign to Run Down Jaywalkers.*  
*Now that's taking things a bit far!*

*Panda Mating Fails; Veterinarian Takes Over.*  
*What a guy!*

*Miners Refuse to Work after Death.*  
*No-good-for-nothing' lazy so-and-so's!*

*Juvenile Court to Try Shooting Defendant.*  
*See if that works any better than a fair trial!*

*War Dims Hope for Peace.*  
*I can see where it might have that effect!*

*If Strike Isn't Settled Quickly, It May Last Awhile.*  
*Ya think?!*

*Cold Wave Linked to Temperatures.*  
*Who would have thought!*

*Enfield ( London ) Couple Slain; Police Suspect Homicide.*  
*They may be on to something!*

*Red Tape Holds Up New Bridges.*  
*You mean there's something stronger than duct tape?*

*Man Struck By Lightning: Faces Battery Charge.*  
*He probably IS the battery charge!*
*New Study of Obesity Looks for Larger Test Group.*
*Weren't they fat enough?!*

*Astronaut Takes Blame for Gas in Spacecraft.*
*That's what he gets for eating those beans!*

*Kids Make Nutritious Snacks.*
*Do they taste like chicken?*

*Local High School Dropouts Cut in Half.*
*Chainsaw Massacre all over again!*

*Hospitals are Sued by 7 Foot Doctors.*
*Boy, are they tall!*

*And the winner is.....*

*Typhoon Rips Through Cemetery; Hundreds Dead.*
*Did I read that right?*

From the Editor:

Rumor tells me that THE trailer has made it to Anchorage — and it will be picked up and moved to the Hamshack site tomorrow, September, 4th.

Visitors Present: Keith Clark, KL7MM. Sid Atwood, N7XNM.

Board Members Present via Teleconference: Rich Gillin, AL4S.

Board Members Excused: Jim Wiley, KL7CC. TJ Tombleson, KB8JXX. Eric Thompson, N6SPP.

Board Members Unexcused: Fred Erickson, NL7FE.

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, none were made.

Guest Sid Atwood, N7XNM, spoke on behalf of the ham station at the Anchorage Senior Center. Atwood is the station’s lead volunteer. He thanked Keith Clark, KL7MM, for his assistance in resurrecting the station.

Secretary Report: Mark Sabel, WD6BMJ, was not able to attend the June Board Meeting. He thanked Alice Baker, KL2GD for taking notes and to Paul Spatzek, KL7PS, for the audio recording of the meeting. These enabled Sabel to write June’s Board meeting minutes.

Treasurer Report: Alice Baker, KL2GD, said she had been out-of-town for over a week and so did not have a Treasurer report for the meeting. Alice Baker plans on going to the post office box and collect the mail tomorrow.

Finance Committee Report: Keith Clark, KL7MM, stated the 2013 finance reports looked accurate and are being forwarded to the club’s CPA.

Clark pointed out the Board made a procedural error by approving Jim Wiley’s, KL7CC, Volunteer Examiner conference expenditure of up to $2,700. The limit without a vote by the General Membership is $2,500. In response Paul Spatzek, KL7PS, moved that the Board approve up to $2,500. Kent Petty, KL5T, seconded the motion. Motion passed unanimously.

Station guest operator, Richard Ferry, has donated $100 to club.

Grant Committee Report: Lara Baker, AL2R, thanked the nine board members who responded telephonically and electronically for voting to grant AARC member Jon Kimball, KL2A, a $500 sponsorship. Kimball will use the funds for expenses to compete in the World Radiosport Team Championship to be held in Wesborough, Massachusetts.

Gaming Committee Report: Lara Baker, AL2R, has been out-of-town and so has not checked the post office box in about two weeks. Thus, no Gaming report could be made.
Projects Committee Report: TJ Sheffield, KL7TS, and Treasurer Alice Baker, KL2GD, announced that the check covering the final payment for the new club trailer has been issued. Sheffield excitedly showed several photographs of the completed trailer that is now ready for shipment to Alaska.

Sheffield presented a new project that has been proposed by the Committee: headphones for use with emergency communications gear. The Committee recommended the Heil Traveler model. Ron Keech, KL7YK, suggested the Committee consider the Heil Pro Set which has better sound isolation. The Projects Committee will investigate possibly buying the Pro Set model. Keech, moved that Board set aside up to $1,400 for the purchase of headphones. The motion was seconded by David Heimke, AL7LO. The $1,400 was approved unanimously.

The Committee detailed another new proposed project: the purchase of a SCS P4dragon modem. This Pactor-4 capable modem would be installed in the motor home. Sheffield expects the cost to total approx. $2,200 but asked the Board to approve up to $2,500 to cover contingencies. David Heimke, AL7LO moved a motion to expend up to $2,500. It was seconded by Ron Keech, KL7YK, and approved by the Board unanimously.

David Heimke, AL7LO, expressed gratitude to Doug Dickinson, KL7IKX. Dickinson is retiring from the BLM. Dickinson and Heimke have cleaned out the BLM radio room of surplused but quality radio related supplies. Dickinson, acting for the BLM, has donated the supplies to AARC. Heimke and Lara Baker will draft a thank you letter.

VE Program: Because Jim Wiley, KL7CC, is attending the VE Conference out-of-state, there was no VE report this month.

Trustee Report: Keith Clark, KL7MM, said AARC’s Field Day efforts based at the club station were a success. Several visitors stopped by; of particular note was Paul Honeman. Honeman is both a police officer and a member of the Anchorage Assembly. Honeman made several voice contacts.

Membership: Fred Erikson, KL7FE, was absent.

By-Laws: Lara Baker, AL2R, stated that everyone who attended the General Meeting in June received a physical copy of the proposed new By-Laws. Plus, everyone on the membership email list received a copy electronically. The membership was asked to review the proposed By-Laws. In accordance with the existing By-Laws, there will be a vote on the acceptance of the new By-Laws at the August General Meeting. If the new By-Laws do win approval, at least 3 board positions will be up for election for the term starting in 2015.

ARES Report: Kent Petty, KL5T, thanked the Working Wednesday group for inventorying the radio supplies donated by the BLM.

Petty and TJ Sheffield, KL7TS, reviewed the ham related antenna installation work underway by the Muni and AARC at the Senior Center.

Adjournment: The meeting adjourned at 8:10 pm.

Respectfully submitted by, Mark Sabel, WD6BMJ, AARC Secretary
ANCHORAGE AMATEUR RADIO CLUB

GENERAL MEETING MINUTES

1 August 2014

Unapproved Minutes:

Meeting was opened by AARC President Lara Baker, AL2R, at 7:02pm. Introductions were made.

The focus of the meeting was on the proposed new By-Laws. President Baker entertained a motion for discussion. Jim Wiley, KL7CC, so moved. Allen Abbott, KB1QCE, provided the second. There was a brief discussion with the membership on the proposed By-Laws during which a small technical amendment was accepted. A call for a vote was made. A quorum of 16 votes for approval was required for passage. At the time of the vote, there were 20 members present and 2 guests. The vote was held by the raising of members’ hands. There were 17 votes in favor; the new By-Laws were approved.

As required, the approved By-Laws will be filed with the State of Alaska.

Under the new By-Laws, there will be at least 3 Board positions up for election in November. Members are encouraged to consider running for election to the club’s Board of Directors for the term starting in 2015.

The door prize of an Icom IC-?? was won by ??

Two more club members and a guest arrived too late for the election, but were able to indulge in the after meeting celebration that included cheese, crackers and cookies.

The meeting was adjourned at 7:25pm.

Respectfully submitted,
For Mark Sabel, WD6BMJ
# THE AARC ANTENNA

## People to Help You!!

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>CALLSIGN</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Lara Baker</td>
<td>AL2R</td>
<td><a href="mailto:president@kl7aa.net">president@kl7aa.net</a></td>
</tr>
<tr>
<td>Vice President</td>
<td>Ron Keech</td>
<td>KL7YK</td>
<td><a href="mailto:vicepresident@kl7aa.net">vicepresident@kl7aa.net</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Mark Sabel</td>
<td>WD6BMJ</td>
<td><a href="mailto:secretary@kl7aa.net">secretary@kl7aa.net</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Alice Baker</td>
<td>KL2GD</td>
<td><a href="mailto:treasurer@kl7aa.net">treasurer@kl7aa.net</a></td>
</tr>
</tbody>
</table>

## Board of Directors

3 year term— ends 2016

- Eric Thompson, N6SPP, n6spp@arrl.net
- Rich Gillin, AL4S, rich@gillin.us
- Richard Tweet, KL2AZ, rtweet@ptialaska.net

2 Year term— ends 2015

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

1 Year term— ends 2014

- Jim Wiley, KL7CC, jwiley@gci.net
- TJ Tombleson, KB8JXX, kb8jxx@wl7cwe.org
- George Wilkinson, KL1JJ, gdwilkinson2@yahoo.com

## Other Contacts

<table>
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<tr>
<th>Role</th>
<th>Name</th>
<th>CALLSIGN</th>
<th>Email</th>
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<tbody>
<tr>
<td>Trustee</td>
<td>Keith Clark</td>
<td>KL7MM</td>
<td><a href="mailto:trustee@kl7aa.net">trustee@kl7aa.net</a></td>
</tr>
<tr>
<td>Membership</td>
<td>Fred Erickson</td>
<td>KL7FE</td>
<td><a href="mailto:membership@kl7aa.net">membership@kl7aa.net</a></td>
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<tr>
<td>Newsletter Editor</td>
<td>Alice Baker</td>
<td>KL2GD</td>
<td><a href="mailto:editor@kl7aa.net">editor@kl7aa.net</a></td>
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<tr>
<td>Web Master</td>
<td>Ron Keech</td>
<td>KL7YK</td>
<td><a href="mailto:webmaster@kl7aa.net">webmaster@kl7aa.net</a></td>
</tr>
<tr>
<td>Activities Director</td>
<td>Dave Heimke</td>
<td>AL7LO</td>
<td><a href="mailto:david.heimke@gmail.com">david.heimke@gmail.com</a></td>
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</table>
Repeater Changes:

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

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

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

From your Treasurer!!!

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

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

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

Thanks for your help,

Alice

From Charlotte Rose McCormick

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

Try them —

http://www.hamtestonline.com
http://www.qrz.com/ht/
http://aa9pw.com/radio/
http://www.eham.net/exams/
http://hamtesting.com/
http://www.w8mhb.com/exam/
http://copaseticflows.appspot.com/hamtest
http://www.hamradionation.com
Regular Committee Meetings:

**By-Laws Committee:** 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.

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**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
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.

Contact Lillian Marvin, KL7YF at 907-277-6741 for information.

1. Astrom 50 amp power supply $450 OBO.
2. Variac autotransformer $600.00 OBO.
3. Crank up tower $200.00

SK estate sale, most all is in near mint condition:

Kenwood TS-940S/AT HF transceiver (150 KHz - 30 MHz) 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. $750
Ameritron AL-80A HF linear amplifier, with single 3-500Z tube, 1200W pep max ssb, 10-160M, $700
24-hour clock by Seth Thomas, $25
Kenwood HS-5 headphones, deluxe mono 8 ohm $50
Sennheiser HD-485 open-air, over-the-ear 32-ohm headphones $50
Sennheiser HD-600 open dynamic hi-fi professional 300-ohm headphones $275
Tempo RBF-1 SWR wattmeter 200/2000W 1.8-150 MHz $25
Heathkit umatic keyer $80
Triplet 666R VOM multimeter $30
Isobar noise filter and surge suppressor AC power outlet strip $20
VHF amplifier Motorola N1274A 150.8 - 174 MHz, 2 ~ 6 Watts in, and 40 ~ 100 Watts output. (Works fine on 2M.) $75
Kenwood TH-21AT 2M synthesized HT $50
HyGain 674-PR CB 23-channel AM/SSB radio $
Solder gun Weller D550PK 200/260W professional heavy duty, $35

Mike AL7KC 460-0242 (text or call) or email AL7KC@yahoo (dot) com
Upcoming Events

Plan ahead:
The “Community Service” event season is over!!!

See you next year.
# September 2014

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### 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 at the Hope Cottage offices, 540 W International. 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
Internet Links, the favorites from our readers:

AARC  http://www.KL7AA.net
SCRC  http://www.KL7G.org (not operational)
EARS  http://www.kl7air.us
MARA  http://www.kl7jfu.com
Moose Horn ARC  http://www.moosehornarc.com
PARKA  http://www.parka-kl7ion.com
ARES  http://www.aresalaska.org (not operational)
Practice Exams  : http://www.AA9PW.com
Fairbanks AARC  http://www.kl7kc.com/
ALASKA MARS:  http://www.akmars.org (not operational)
Alaska VHF-Up Group:  http://www.qsl.net/ak-vhf/
Yukon Amateur Radio Association:  http://www.yara.ca/
Links for Propagation:  http://www.haarp.alaska.edu/ (not operational)
QRP and Homebrew Links : http://www.AL7FS.us
Solar Terrestrial Activity:  http://www.spaceweather.com
                     http://www.swpc.noaa.gov/

ARRL  http://www.arrl.org/
Propagation Report Recording 566-1819
Please let us know if there are other clubs pages or good starting points that
should appear here.
Report dead links or bad info to editor@kl7aa.net

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 KL7 FT-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)
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.
### Data You Can Use:

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Tone</th>
<th>Call Sign</th>
<th>Features</th>
<th>Area</th>
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<tbody>
<tr>
<td>147.18 -</td>
<td>88.5</td>
<td>ADES</td>
<td></td>
<td>Ft. Richardson</td>
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<tr>
<td>146.88 -</td>
<td>no tone</td>
<td>AL7LE</td>
<td>Phone patch</td>
<td>Kenai Soldotna</td>
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<td>146.82 -</td>
<td>103.5</td>
<td>WL7CWE</td>
<td>IRLP</td>
<td>Anchorage</td>
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<tr>
<td>146.76 -</td>
<td>123.0</td>
<td>KL3K</td>
<td>IRLP</td>
<td>Seward</td>
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<td>146.94 -</td>
<td>103.5</td>
<td>KL7AA</td>
<td>Phone patch</td>
<td>Anchorage to Wasilla</td>
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<tr>
<td>224.94 -</td>
<td>no tone</td>
<td>KL7AA</td>
<td></td>
<td>Anchorage</td>
</tr>
<tr>
<td>444.70 +</td>
<td>103.5</td>
<td>KL7AA</td>
<td>Phone Patch</td>
<td>Anchorage</td>
</tr>
<tr>
<td>146.67 -</td>
<td>103.5</td>
<td>KL7AIR</td>
<td>MARS Station</td>
<td>Anchorage &amp; Highway North</td>
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<tr>
<td>147.30 +</td>
<td>141.3</td>
<td>KL7ION</td>
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<td>Very Wide Area</td>
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<td>146.85 -</td>
<td>no tone</td>
<td>KL7JFU</td>
<td></td>
<td>Mat Valley</td>
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<td>146.91 -</td>
<td>no tone</td>
<td>KL7JL</td>
<td></td>
<td>Homer</td>
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<tr>
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<td>107.2</td>
<td>KL5E</td>
<td>Phone patch</td>
<td>Eagle River &amp; Chugiak</td>
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<td>103.5</td>
<td>WL7CWE</td>
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<td>Wasilla Repeater</td>
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<tr>
<td>147.33 +</td>
<td>103.5</td>
<td>WL7CVF</td>
<td>Cross linked to 443.900</td>
<td>Very Wide Area **</td>
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<tr>
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<td>103.5</td>
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<td>Cross linked to 147.330</td>
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<tr>
<td>147.27</td>
<td>Powered off</td>
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<tr>
<td>443.300</td>
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</table>

**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**

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<tr>
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</tr>
</tbody>
</table>
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.
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

ARES Anchorage District
Contact Information
Kent Petty, KLST@arrl.net

ARES Matanuska-Susitna Valley District
Contact Information
Don Bush, KL7JFT@arrl.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 PacLink or Airmail software and a Pactor 1-3 capable Terminal Mode Controller (TNC). If the Internet is lost to the area the RMS will forward messages to another RMS over HF Radio. Being HF Radio based, the coverage area is quite large. While it is intended for intra-Alaska use we have stations from as far away as Arizona using the HF RMS to pass email traffic to the internet on occasions.

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

The WL7CVG and KL7AA RMS’s frequency listings, etc. can be found on www.Winlink.org.
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 at 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 phones 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.