

# Anchorage Amateur Radio Club



**Anchorage Amateur Radio Club**

**General Meeting and Holiday Party**

**Friday, December 6th, 2013**



# Happy Holidays

**We are looking forward to seeing you at the AARC Holiday Party**

**Friday, December 6<sup>th</sup>, 7:00 at the Carr Gottstein Building.**

There will be a very short business meeting at 7:00 with only one item on the agenda.

We are doing things a little differently this year. We are going to have APU cater the party. The menu is Shrimp Creole and Chicken Cordon Bleu. Drinks and salad will be provided.

We will still have the usual Chinese Auction of small gifts (\$25.00 or less).

But we are changing the Hawaiian Shirt contest to an "Ugly T-Shirt" contest.

Friends and family are invited!!



## December is Dues Month!!!

### Who Do I Contact to Join AARC?

Fred Erickson KL7FE

12531 Alpine Dr  
Anchorage, AK 99516-3121

E-mail: [membership@kl7aa.net](mailto: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

**Election results:** Tim Crowley, KL2VK, Secretary, announced the results of the annual election to the Board of Directors. Sixty-one ballots out of 156 were returned.

The following members were elected to one-year terms:

TJ Sheffield, KL7TS

Mark Sabel, WD6BM

TJ Tombleson, KB8JXX

Eric Thompson, N6SPP

Richard Tweet, KL2AZ

George Wilkinson, KL1JJ

Kent Petty, KL5T

and Fred Erickson, KL7FE .

Rich Gillin, AL4S was elected to a three-year term.



Report on Field Day, 2013  
from TJ Sheffield, KL7TS.



## Club Standings

Alaska Section	3A High Power	No. 1
NW Division	3A High Power	No. 1
Nationwide	3A High Power	No. 1
Alaska Section	High Power	No. 1
NW Division	High Power	No. 1
Nationwide	High Power	No. 2
Alaska Section	3A	No. 1
NW Division	3A	No. 3
Nationwide	3A	No. 65
Alaska Section	Field Day	No. 1
NW Division	Field Day	No. 16
Nationwide	Field Day	No. 400



## Club Records

	This Year	All Time	Year
Overall Score	3,698	3,843	2012
SSB Station	502	514	2004
CW Station	2,014	2,064	2009
Digital Station	2	292	2012
VHF Station	Ø	6	2012
GOTA Contacts	Ø	90	2012
GOTA Bonus	Ø	160	2012
Bonus Points	1,180	1,450	2005



KL7UW 2m array

From Ed Cole -- KL7UW

<http://www.kl7uw.com>

[dubususa@gmail.com](mailto:dubususa@gmail.com)

"Kits made by KL7UW"

## The “Other” Mode on 2 Meters

Ed – KL7UW

Many hams are not aware of the use of **SSB on the VHF** and **Higher bands** or not sure how to start.

The **Southcentral City Simplex Net** has been active for several years on Tuesday nights at 8 pm starting on the frequency of 146.52 FM, but migrating to SSB on 144.200 and other VHF and UHF frequencies. Current net control is KL7CY in Anchorage.

In 2005 several VHF enthusiasts formed the **Alaska VHF-Up Group**. We decided to start a new Net featuring the VHF bands from 50 to 1296-MHz. The Net meets every Saturday at 9 am on either 144.200 USB or 146.52 FM. KL7UW is net control running a large 2m array seen above. See the Net schedule at <http://www.qsl.net/ak-vhf/>

The **Alaska VHF Up Net** has several stations checking in from the area including three stations from the Kenai Peninsula and



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north to Willow. One night we even had KL7EDK from Fairbanks check in with about five stations working him via a bounce off Mt. McKinley!

There are many interesting long-distance propagation modes possible on VHF. Signals can be bent by different layers in the atmosphere, by aurora, by bounce off mountains, meteors and even the Moon!

There are a couple of things we do differently in Alaska than are done elsewhere in the US. In Alaska we operate VHF SSB antennas in vertical polarity (the elements are aligned up and down) because so many stations migrate from FM activity. This permits any ham with a good 2-meter or 70-cm antenna to get on SSB with only the need for a multi-mode radio like the IC-706 or IC-910. One exception is that most Alaskan 6-meter SSB stations are horizontally polarized.

One other thing that I would stress is that to maximize the performance of a VHF-SSB station one should consider an antenna as high and in an unobstructed area as possible. Use of yagi antennas is desirable, and use of mast-mounted preamps makes possible hearing and working longer distances. Many stations also operate higher power using linear amplifiers (around 100 watts). But if all you have is a ten-watt 2-meter or 6-meter station and a whip why not try either VHF Net and join the fun! **"VHF is whole lot more than "repeaters"!**

Now another way we are promoting VHF/UHF activity is by participation in the VHF Contests held several times a year. Ask about operating as a VHF rover from a mobile VHF station! The Alaska VHF-Up Group offers awards.

For more information about VHF-SSB, the AK-VHF Net, VHF/UHF Contests, and the Alaska VHF-Up Group go to: <http://www.gsl.net/ak-vhf/> ;  
or read more from <http://www.k0nr.com/rwite/2Mssb.html>

Or make a call on 147.30 or 147.33 MHz repeater and ask for information. Many of us hang out on the repeater, as well.

Good VHF-DX and 73s - KL7UW

# ARES Report

(Kent Petty, KL5T has volunteered to write an ARES report for the newsletter each month)

I'm pleased to have been appointed as the Anchorage District Emergency Coordinator (DEC). It's been a while since I've been "in the game", so I thought it might be helpful to give you a little of my background.

I was licensed in 1989 while serving in the Air Force, stationed at Osan Air Base, Korea. My main activities there were working at the base MARS station running phone patches back to the states (thousands and thousands), and also working DX and contesting with HL9OB at the OSAN Air Base Radio Maintenance Shop. It was pretty nice having direct access to that huge log periodic up on the hill, as well as to all of the other HF antennas on the base!

After that I transferred back to Elmendorf AFB to finish the last 10 years of my career. I was very involved with Iditarod for much of that time. I continued DXing and contesting from my place in south Anchorage as well as with the contest gang at KL7Y's place in Wasilla. I was involved with the South Central Radio Club as an officer, and even served as President for a term.

Eventually I became Section Manager and really tried to get a field organization in place to support ARES operations. Well, needless to say, Alaska is a big place and this was a big challenge. We did quite a bit for a time with communications exercises and the like, made a few deployable VHF voice and data kits (some of which are still in existence and need updates), worked with AL7N to start the Alaska CW Net (ACWN, it's a traffic net), and also ran some CW traffic with the lower 48 CW nets. In 2003 I had a life-changing event in my family and had to step away from the hobby.

Over time things have changed with my work and family (all is great!) and I have felt the need and obligation to get back into the hobby and focus my efforts on one of our most important missions; that of emergency communications support. The timing was such that we needed a DEC here in Anchorage, and appeared that the time was right to step in to see how I might help. I got what I asked for and Jim Larsen, AL7FS, our Section Manager, tagged me for the job.

Things have changed a lot over the past 10 years! I've been trying to get the lay of the land, meeting the folks who have been hard at work to get our area, region, and state organized, and figuring out what opportunities we have to make things better. There are a lot of initiatives out there!

So that I can maintain my sanity (hi!), for right now I'm focusing on a few high priority efforts. These include revitalizing the Alaska State EOC out on Fort Richardson at the armory; revitalizing the Anchorage EOC (we know we need to upgrade some of our gear there); making sure that we have good comms support for the Red Cross; getting a MESH-type VHF/UHF system up in



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our area that will link out to the Valley; enhancing and maintaining our WinLink capabilities (a lot of folks have worked hard to get us where we are....very impressive); and supporting the existing effort to install the Hughesnet dish and modem at the KL7AA club station to provide an alternate internet gateway for WinLink.

I also intend to build teams of folks that can deploy to served fixed locations (such as the State EOC, Anchorage EOC, KL7AA club station, etc.). I know that we've attempted initiatives of this nature in the past with varying levels of success. One of the challenges we have is sustainability on these projects and support roles. I view my job as DEC to create systems and procedures that will ensure sustainability and will pass the test of time.

I hope that you will all have patience with me, and understand that I'm still getting my feet wet. I'm going to make mistakes and hope that you won't hold that against me. If you are interested in getting more involved, have a specific interest, or just have some good ideas that maybe need to be pulled off the shelf and dusted off, I hope that you'll contact me. The best way to reach me is via e-mail at [KL5T@ARRL.NET](mailto:KL5T@ARRL.NET).

More to come.

73 DE KL5T





## News and Notes

### Grubstake Repeater Status

By Ron Keech, KL7YK

I cannot speak to the other repeater systems but as I stated on the email reflector Grubstake is ready to go.

We are waiting for transport at this time. It requires a larger-than-usual bird however, as the R44 is just too small for the system as it exists now.

The replacement Grubstake system is a fully duplicated system for both VHF and UHF as was the system on Mt Sue.

No known schedule for the transport yet; we are waiting on Arcticom's work load to allow us to ride along on the next larger Helo that goes to the Grubstake site. Only other option is to sling load the repeater and if you have never dealt with slung loads trust me when I say we really don't want to do that with the repeater system. It will be damaged in the process by the web sling. Coax connections and or other protrusions will be damaged. Short of building a wooden case to protect it, we should wait for the larger Helo flight.

Contact myself or Jim Wiley, KL7CC for information on this project .

### Status of Club Repeaters at Glen Alps

By Keith Clark, KL7MM

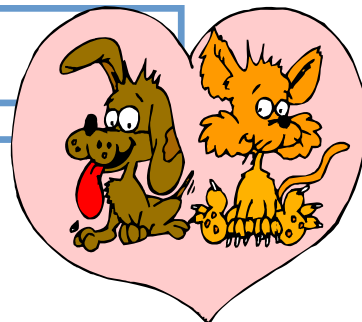
We received the new Daniels UHF repeater and the new controller and have installed both at the site.

At present, 146.940 (-) with a 103.5 Hz tone and 444.700 (+) with a 103.5 Hz tone are in-service. The programming for the new controller has arrived and should be installed shortly. The phone patch will soon be back in service on both machines and a newsletter article will provide directions on how to access the patch.

The 224.940 (-) machine, with no tone, is in-service but is about 1.5 kHz off frequency. Not being a synthesized repeater, we are not able to make any more adjustments. A Daniels replacement repeater will be proposed to the Project Committee and we may be able to move forward with an upgrade next year.

Thanks to KL6M and KL7XJ for reporting the problem on the 220 machine.

### News about Friends!



**From Charlotte Rose McCormick, KL2TE**

I thought that I'd send you a little bit of an update on Bruce, KL7BM, as I know many have questions. I have heard folks asking about him on the air and I can't get out to them. We still have to arrange an antenna party or something to get some communications up in the apartment. We are taking the cab-over off the camper soon and will also have to work on that wiring and communications. BOY WILL THAT TRUCK LOOK AND DRIVE DIFFERENTLY.

Bruce doesn't have an e-mail anymore (he can't see enough to read them and we no longer have home internet).

Bruce had some surgery on the blind eye yesterday and more surgery on the fair eye today. He is teetering on the Stage 4-Stage 5 kidney failure and Tuesday went through a class on the various kinds of dialysis available and is still working on his check-off list so that he can get in to speak with a transplant surgeon/team.

Tuesday he saw a dentist and will be having dental surgery the first of December and he saw a podiatrist this morning, too.

Apparently with his kidney failure he isn't as able to flush his system of the anesthesia and pain meds, so on top of taking his everyday medications twice he still has those in his system and he is having sort of an over-dose type effect and has been so sick since leaving OR not to mention that even after fasting 12 hours prior to the surgery his blood glucose was 170 when he checked in for surgery.

It appears that if he is indeed added to the transplant list we will be going back and forth to Portland for the process and procedures.

His morale hasn't been doing too well. He is down in the dumps all the time and in severe pain, therefore grouchy.

I will continue to help him as long as he tries to help himself and I will continue to try and keep him in touch with his friends and activities as I feel these are very important and loving friends and family are vital to the healing in many ways as is a great support system.

We will be back in Anchorage on December 4th; 5th; 6th and return to the valley on the 7th we then are scheduled to be back in Anchorage on 12th & 13th and return on the 14th and on Jan 1st, 2nd & 3rd returning on the 4th, if the appointment schedule remains the same as currently written.

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Our mailing address is: HC 89 Box 69, Willow 99688 if anyone would like to send him a card or anything and we are currently living in Meadow Lakes where any and all of you are welcome to visit anytime.

His cell is 330-4385; he can't see the dials and is slow in getting it answered so if he doesn't answer hang up and call back. He is trying to make his fingers agree and listen to his head. HE DOES MISS YOU ALL.

Charlotte 414-2811

**Fielder George Dowding  
c/o Mr & Mrs L McKeefer  
6541 Fair Valley Trail  
Austin TX 78749-1250**

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Tel: (512) 924-2099  
email: fgdowning@gmail.com  
October 15, 2013

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

Greetings AARC,

The envelope with the ballot and SASE was forwarded to me by USPS. I seem to remember a provision of the By-Laws that limits voting privileges to residents of Alaska. Thus, I am returning the ballot unmarked.

Thanks for continuing to send the newsletter via email. Eventhough I suspect I will not return to Alaska, I do enjoy reading about what is happening in the 49th.

As you can see from the letterhead, I am still living with my daughter and son-in-law (and three grandchildren). I am enjoying my role as professional grandfather, and it is doubly great being with family.

I haven't gotten my HF gear on the air yet. I have no automobile, so my vision of a mobile station has been overtaken by events. Perhaps I can hang a wet string out the window and operate QRP. It is so hot here the string would probably dry out before I could complete a QSO.

73's,



Fielder G Dowding  
KL7FHX

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### ANCHORAGE AMATEUR RADIO CLUB

#### BOARD MEETING MINUTES

October 15, 2013

Approved Minutes



**Board Members Present:** Lara Baker, AL2R; Ron Keech, KL7YK; Alice Baker, KL2GD; Tim Crowley, KL2VK; TJ Sheffield, KL7TS; Shannon Methe, KL3JI; Fred Erickson, KL7FE; George Wilkinson, KL1JJ; Paul Spatzek, WL7BF; Jim Larsen, AL7FS; Chris Conway, KL7QO; TJ Tombleson, KB8JXX; Kent Petty, KL5T; Eric Thompson, N6SPP

**Visitors Present:** Keith Clark, KL7MM; Richard Tweet, KL2AZ; Mark Sabel, WD6BMJ

**Board Members Present via Teleconference:** Jim Wiley, KL7CC

**Board Members Excused:** Eric Reimer, KL2NW

**Board Members Unexcused:** Rich Gillin, AL4S

The Board Meeting was called to order by the President, Lara Baker, AL2R, at 7:00 pm. A quorum was established. Additions or corrections to the meeting agenda were requested.

**Time-Critical Items:** None.

**Visitors' comments:** There were none.

#### **Reports:**

Status of the CCV: George Wilkinson, KL1JJ, reported that the CCV is back and is nice to drive but still top heavy, which makes driving in the wind challenging. He suggested to have the steering tightened. With the repairs we have a few years of use yet, giving us time to find funds for a replacement. We need more drivers on the insurance list. The transmission and engine were not part of the repairs.

Secretary: Tim Crowley, KL2VK: The minutes of the September Board Meeting and the October General Membership Meeting were presented. After some typographical errors were noted, Alice Baker, KL2GD moved to accept the minutes. Paul Spatzek, WL7BF seconded. The minutes were accepted unanimously.

Treasurer: Alice Baker, KL2GD, presented the "AARC Monthly Expenses" report. She noted that the CCV repairs were over \$7,000.

Finance Committee: Keith Clark, KL7MM, reported that he and the Treasurer need to meet with our broker.

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Grant Committee: Lara Baker, AL2R, reported that we have three possible requests, which will be processed by the Committee.

Alice Baker, KL2GD, wanted a sense of the Board about giving a donation (not a grant) of less than \$2,000 each to Hope Resources and Alaska Pacific University at the end of the year. Discussion followed. It was noted that the club already donates time and communications for Hope's annual Walk and that the club has set up an endowment for APU with an 8% return. It was also noted that the club needs to build up its infrastructure to meet its purpose. It was also noted that excess funds at the end of the year, if any, could result in gifts to Hope and APU. A sense of the board was called for and a majority favored allowing donations to Hope and APU.

Gaming: Lara Baker, AL2R, reported that the quarterly report would be filed by November 15. There is a meeting of the permit's leadership October 22. We have received about \$33,000 from gaming this year so far.

Projects Committee: TJ Sheffield, KL7TS, reported a proposal to replace our current trailer with one containing a hydraulic mast and built-in generator. It would be built in Texas for \$45,127 plus freight to Anchorage or Seward. The goal is to spend EECF money as fast as we can. Discussion followed with opinions pro and con. Kent Petty, KL5T moved to spend \$60,000 for the new trailer and TJ Sheffield, KL7TS seconded. Seven board directors voted in favor and three against. The motion carried.

VE Program: Jim Wiley, KL7CC, reported that he cannot file for new licenses until the federal government ends its shutdown.

Trustee: Keith Clark, KL7MM, reported that JOTA needs someone to help the project, since Shannon Methe, KL3JI, had to go Outside for family matters. Eric Thompson, N6SPP, volunteered to lead the event.

Membership: Fred Erickson, KL7FE, reported that there was nothing unusual to report.

By-Laws: Tabled.

ARES: Kent Petty, KL5T, is now our DEC. He brings much enthusiasm to his new role.

### **Old Business:**

Mission Statement for AARC: Ron Keech, KL7YK, presented a model mission statement with goals for the directors to consider.

### **New Business**

George Wilkinson, KL1JJ, requested that all board members remember that they are still board members no matter to whom they speak, where, or when.

Adjournment: Motion was made to adjourn the meeting by Alice Baker, KL2GD, and seconded by George Wilkinson, KL1JJ. The meeting was adjourned at 8:40 pm.

Respectfully submitted by Tim Crowley, KL2VK, AARC Secretary



## ANCHORAGE AMATEUR RADIO CLUB

### GENERAL MEETING MINUTES

November 1, 2013



Lara Baker, AL2R, President, opened the meeting at 7:03 pm.

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

**Election results:** Tim Crowley, KL2VK, Secretary, announced the results of the annual election to the Board of Directors. Sixty-one ballots out of 156 were returned. The following members were elected to one-year terms: (number of votes are in brackets) TJ Sheffield, KL7TS [58]; Mark Sabel, WD6BM [60]; TJ Tombleson, KB8JXX [59]; Eric Thompson, N6SPP [60]; Richard Tweet, KL2AZ [61]; George Wilkinson, KL1JJ [60]; Kent Petty, KL5T [61]; and Fred Erickson, KL7FE [61]. Rich Gillin, AL4S [60] was elected to a three-year term.

**Treasurer's Report:** Alice Baker, KL2GD, distributed copies of October's monthly expenses.

**Christmas Party on December 6:** Lara Baker, AL2R, presented several buffet menus for the annual Christmas Party, which will be catered by Alaska Pacific University. After much discussion about which two entrées to have, the membership present definitely settled on Chicken Cordon Bleu. However, Lara will have to do more consulting for the second entrée.

**Presentation:** Kent Petty, KL5T, reported that he and a few other members toured the facilities of the State EOC. Kent stressed that the State is counting on participation by the amateur radio community. If any member wants to volunteer to be a part of this participation or wants more information, e-mail Kent at [KL5T@arri.net](mailto:KL5T@arri.net).

**Announcement:** Jim Wiley, KL7CC, proposed to oversee the purchase of HF gear to loan to members without HF equipment (but who possess a General class license) so that they will become familiar with HF. He added that he would like to purchase up to 20 packages of equipment to loan out for a year at a time. He suggested that we start out with 5 packages at about \$2,000 per kit. He will write an article about this proposal in the next AARC newsletter.

**Projects Committee Report:** Lara Baker, AL2R, moved that the club fund a power tower trailer. Eric Thompson, N6SPP, seconded the motion. TJ Sheffield, KL7TS, explained all about the customized trailer and added that the cost of the trailer, a generator, and accessories plus shipping to Anchorage from Texas is \$60,000. It was explained that the funds come from ECCP account and must be spent according to state law. Fourteen members present supported the pur-

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chase and 7 were against the purchase. The motion carried.

**Comments from the Floor:** There were no comments.

**Door prizes:**

The winners of door prizes were: KL7YF, AL7FI, KL0QK, KL7JE, ALOU, and WL1PP.

**Adjournment**

Lara Baker, AL2R, President, announced the meeting to be adjourned at 8:30 pm.

Respectfully Submitted

Tim Crowley, KL2VK

Secretary, Anchorage Amateur Radio Club

### 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



## THE AARC ANTENNA

### 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	Tim Crowley	KL2VK	secretary@kl7aa.net
Treasurer	Alice Baker	KL2GD	treasurer@kl7aa.net
Activities	Vacant		

#### Three Year Board of Direc- tors

3 Year remains	Paul Spatzek	WL7BF	paulspatzek@gci.net
2 Year remains	Jim Wiley	KL7CC	jwiley@gci.net
1 Year remains	Rich Gillin	AL4S	rich@gillin.us

#### One year Board of Directors

TJ Sheffield	KL7TS	kl7ts@arrl.net
Eric Reimer	KL2NW	ehazbreim@yahoo.com
TJ Tombleson	KB8JXX	kb8jxx@wl7cwe.org
Chris Conway	KL7QO	kl7qo@gmail.com
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

#### 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, Tim Crowley, KL2VK, 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

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# 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.

Al Jones, W9JIZ, Ham Equipment for Sale:

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

December 2013

If you would like any of this gear, I can backhaul it from Pahrump, Nevada to Alaska on December 6th at no charge. Just settle up with me in person or get in touch with Dick, AC7EL, to make payment via his contact information. By the way, Dick is the head of the VEC program in that part of the world and is very responsible to deal with.

Craig Bledsoe, KL4E

Item	Asking Price
Kenwood PS30, 15 Amp Power Supply For TS450S HF Xcvr	\$80
Kenwood TS450S HF Transceiver	\$250
Kenwood 130 SE HF Transceiver	\$150
Alinco DM330MV 5-15 Volt, 30 Amp Power Supply	\$100
Alinco VHF FM Model DR135 Mk III 2 Meter Transceiver	\$100
Heathkit Model HM-11 Reflected Power Meter	\$10
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/SSB.	\$1,000
Unident Bearcat Scanner	
Icom IC 2AT 2 Meter Handi Talkie with hand mike	\$20
MFJ Model 986 Roller Differential Tuner	\$200
Micronta 3 Range SWR Tester/Meter	\$20
Comet GP-9 Antenna, Dual Band, 2 meter / 70 CM	\$75
Two (2) Astatic Model D-104 Silver Eagle (?) Desk Microphones	\$125
W2DU 1:1 Balun for HF Dipole	\$20
Magmount Antenna S30400 27.5" high	\$20
Maldol HMC-6S 20/15/10/6/2M/70cm mobile antenna	\$80
Maldol HMC-7C 7 MHz/ 40 Meter coil for HMC-6S	\$20
Realistic TRC-415 CB Xcvr	\$30
Kenwood MC-60 Desk Microphone	\$80
Loud Speaker Motorola TSN6000A-1	\$25
Kenwood MC-43S Hand Microphone	\$35
Kenwood AT-50 Auto Antenna Tuner	\$130
Kenwood TS-50 HF Xcvr, with mount for transmission hump	\$300
Mobile Vertical, Marked "40", (40 Meters?)	\$50
Hustler Vertical Antenna RM-20	\$15
Vertical Whip Antenna, no baase, 48" high	\$10





## Upcoming Events



**Plan ahead:**

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



## THE AARC ANTENNA


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



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



# December 2013

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 EARS Genl Mtg	11	12	13	14 VE Testing
15	16	17 AARC Board Meeting 7 PM	18 MARA Board Meeting 7 PM	19	20	21
22	23	24	25 	26	27 Mara Meeting 7:00 PM	28
29	30	31				

### ARES NETS:

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

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

## MONTHLY EVENTS

**1<sup>st</sup> Friday each month: AARC general meeting - 7:00 PM** in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.33+ repeater.

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

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

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

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

**2<sup>nd</sup> Saturday each month: PARKA (Polar Amateur Radio Klub of Alaska) Meeting at 11:00 AM.**

Polar Amateur Radio Klub of Alaska. All amateurs welcome. Denny's on Denali Street in Anchorage. Some business is discussed. Originally established as an all woman organization, membership now includes spouses or significant others. Talk in on 147.30+.

**2<sup>nd</sup> Saturday each month (except for holidays):**

**VE License Exams at 2:00 PM.** at Hope Cottage 540 W. International. Be sure to bring photo ID, copy of license (if any) and any certificates of completion. Contact: Jim Wiley, KL7CC 688-0660.

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

**2nd Tuesday of each month: EARS general meeting at 5:00 PM.** EARS meetings are held at the EARS shack location. Contact info - Doug Myers, KL1DJ or Ron Keech, KL7YK for information. EARS: 552-2664 (recording); Talk in on 146.67-. Email: [club@KL7air.us](mailto:club@KL7air.us) or [kl7yk@arri.net](mailto:kl7yk@arri.net)

**4<sup>th</sup> Saturday of each month: Valley VE Testing at 7:00 PM.** Sessions will be held at Fire Station 61, at 7 pm on the fourth Saturday of each month unless it is a major holiday weekend. Contact Ken Slauson, KL7VE, Ken.Slauson@gmail.com or 907-376-8698.

**The last Friday each month: MARA meeting at 7:00 PM**, Wasilla Fire Station 61. Talk-in help for the meeting can be acquired on the 146.850 repeater. Further details can be found by contacting Don Bush, KL7JFT, [dbush@gci.net](mailto:dbush@gci.net).

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

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



## THE AARC ANTENNA

### AARC web page & Email contact addresses:

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

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

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

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

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

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

SCRC <http://www.KL7G.org>

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.haarp.alaska.edu/>

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

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

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

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

Propagation Report Recording 566-1819

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

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

### 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](http://WWW.WINLINK.ORG) for frequencies)
- Palmer (MATSU) VHF RMS KL7JFT- 10 145.19
- Fairbanks VHF RMS KL7EDK- 10 147.96
- Fairbanks HF RMS KL7EDK (multi-band scanning see [WWW.WINLINK.ORG](http://WWW.WINLINK.ORG) for frequencies)
- South Central Digipeater WL7CVG- 4 144.9 (Knik)

### 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
<b>147.33 +</b>	<b>103.5</b>	<b>WL7CVF</b>	Cross linked to 443.900	Very Wide Area **
<b>443.900 +</b>	<b>103.5</b>	<b>WL7CVF</b>	Cross linked to 147.330	Very Wide Area **
<b>147.27</b>	<b>Powered off</b>			
<b>443.300</b>	<b>Powered off</b>			

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

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

## THE AARC ANTENNA



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



Are you an  
ARRL Member...  
Life Member?

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

### Are you a member of ARRL?

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

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



## KL7AA Mail Reflector

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

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

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

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

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

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

Step #6: Follow the directions.

## THE AARC ANTENNA

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

#### **Mission statement:**

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

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

Emergency  
Management  
Institute



FEMA

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

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

#### **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 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 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](http://www.Winlink.Org) . "

## THE AARC ANTENNA

### KL7AA HAMSHACK

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

Take advantage of this unique benefit! Arrange a session by contacting the club trustee, Keith Clark, KL7MM, (aksunlite@aol.com) 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 at kl7aa.net](mailto:editor@kl7aa.net)

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

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

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

Thanks for your help in this.



**5**