

Anchorage Amateur Radio Club

**November General Meeting, November 5th.
7:00 PM Carr-Gottstein Bldg., APU Campus**

Election Results and Budget Discussion

Anchorage Amateur Radio Club 2010 Election of Board and Officers

Ballots for the 2010 Election of Officers were mailed on September 13th. Ballots will be opened and counted November 5, 2010 at the AARC general membership meeting.

As defined by the By-Laws, the following are up for election.

Officer Positions:

President (2 year term)
Vice President (2 year term)
Secretary (2 year term)
Treasurer (2 year term)
Activities Manager (1 year term)

Board Members

Three Year Board Member — 1 position open
One Year Board Members — 8 positions open

Budget Review

The November Meeting will also include discussion and approval of the AARC budget for 2011.



Web Master Needed!!!!

Your club needs a Webmaster to manage the AARC presence on the Web. The work includes all aspects of Web management: uploading files, keeping the Web site up-to-date with ongoing events, moving old files (articles) to archives, and general Web design.

If you have the skills and are willing to take on this chore, please contact Randy at president @ KL7AA.net.

Randy has succeeded in getting the newsletters up on the Web Site — and the oldest ones archived. Look for future changes!!!

2010 ARRL November Sweepstakes

The ARRL's annual November Sweepstakes is the oldest domestic contest [sic], beginning in 1932. It's a competition between North American stations – individuals, teams, and clubs. For many US and Canadian hams, it is their first contest operation and remains a regular event on their yearly schedule for a lifetime. The contest is somewhat unique in that each station may only be contacted once and the number of different recognized locations is limited to the 80 ARRL and RAC sections. Working the 80 sections is called a "Clean Sweep" and allows the station to claim one of the coveted Clean Sweep coffee mugs – there are other awards, as well. (excerpted from www.arrl.org/sweepstakes, Sean Kutzko, KX9X ARRL Contest Branch Manager & Dan Street, K1TO November Sweepstakes Manager)

Sweepstakes

The AARC November Sweepstakes event is presently scheduled for Saturday and Sunday, November 20th and 21st. This event is AARC's "winter field day" and training event.

The location has not yet been determined.

The rules state that the club must "stand down" for six hours during the 30 hour contest, so AARC runs the contest from the contest start at 1200 AST (Saturday) to midnight (12 hours), then "stand down" for six hours, and begin again at 0600 AST Sunday to 1800 Sunday (another 12 hours for 24 hours total).

For more information, contact TJ Sheffield, KL7TS, kl7ts@hotmail.com (248-3864), or Keith Clark, KL7MM, aksunlite@aol.com (243-0706).



Greetings fellow club members:

The last two months of the year is taking care of end of year business. November: Annual Club Meeting where the budget is discussed and hopefully, approved. Paul Spatzek will make the official announcement of new officers and directors. December: Christmas Party (Potluck) and Chinese Gift Exchange (Gift limit \$25.00). Please don't bring any boat anchors as gifts.

AARC's Christmas Party will take place at the December 3, 2010 meeting at the Carr/Gottstein Building at the Alaska Pacific University. As we have in years past, your board elected to have this event a potluck. Bring a favorite recipe or traditional dish. Your club will provide coffee, tea, hot chocolate, water and generic soda.

For those of you who have not participated in a Chinese Gift Exchange let me share the highlights with you. Numbers are drawn from a bag, hat, box etc. The person with the lowest number goes first. They open their gift and show it to everyone; no fair hiding it as it may be chosen by the next person in line. If the next person chooses to take their gift, the person whose gift was taken must chose a new gift.

From there on things can get pretty confusing. However, it is really very simple. You may not take back a gift just taken from you and a gift may be exchanged only three times. Should the person with the lowest number have their gift taken *at any time* there is NO final exchanging of gifts. At the end the last person who chooses a gift may keep it or exchange it with someone else. Now, it is important to remember this does not initiate a rapid exchange of gifts. Once the final number has been played and ONE gift exchanged, the game is over.

In years past when we have had Christmas Parties we have had some type of contest. **This year will be Hawaiian shirts.** Hats are optional. Come join us and have a good time.

Respectfully submitted by:

Kathleen R O'Keefe
KL7KO



How did you get interested in Ham radio?



This is how I did by NL7TZ.

I was at work as a maintenance mechanic at Fort Richardson Alaska, I worked in the housing maintenance section — where we would go out and fix anything that went wrong in the housing area. One day my boss sent me out just to help a soldier put an antenna up on his lot, — as it turned out he had put a 8" X 8" post in the ground and he needed a hand putting a short 20 foot tower on it and bolting it to the house. We did that and then installed a tri-band beam on top. It took us most of the day to do it, when we got done he took me to the basement where he had all his radios set up. It sure looked impressive to me but I had no idea what I was looking at. I went back to the shop and told the boss what we did and that was the end of it.

Well not quite the end for me — I could not get his radios out of my mind. I kept thinking about them, so one day at lunch I stopped by his place and he was there having lunch so I asked him more about the Ham radio and he told me more about it. He took me back to the basement and made a few contacts for me, very cool.

I asked how I would go about getting a license, he made a call to an AARC member that was going to start a class soon so I signed up and took the class, got my Novice, Technician and 5 words a minute in one night. In about a year or so I got my General and 13 words a minute.

N5FYW was the ham, Keith A Fenrich (SK). We became good friends, he was a warrant officer in the ARMY, his wife was a Ham also and she was a Major in the ARMY. I don't remember her call — they moved out of state on reassignment and he passed away from cancer a few years later, she has since remarried.

KL7YF and NL7DL, Rick and Lil Marvin are the ones who did the class, as I recall there were 10 or so in the class. I only hear one of them on the air now.

Tom Rutigliano NL7TZ

Editor's Note: Tell me how you got interested in Ham Radio — and I will publish it in the newsletter.

More MS-150 Pictures

Thanks to Tom Rutigliano NL7TZ for these.



And even more MS-150 Pictures

Thanks to Tom Rutigliano NL7TZ for these.



Minutes of Previous Meetings

**Anchorage Amateur Radio Club
Board of Directors Meeting
Hope Community Resources Bldg.
540 West International Airport Road
Tuesday Sept 21st, 2010**

Members Present:

Paul Spatzek WL7BF secretary, Tom Rutigliano NL7TZ 3 yr, Randy Vallee KL7Z president, Allen Brier N5XZ 1 yr, Bruce McCormick KL7BM 3 yr, Michael O' Keefe KL7MD 1 yr, Eric McIntosh KL2FM 3 yr, Jim Wiley KL7CC 1 yr and VEC, Calex Gonzalez KL2BT treasurer, Sean Jensen KL2CO 1 yr, Jerold Tombleson KB8JXX Activities Mgr, and John Orella KL7LL vice president.

Non-Voting Member:

Keith Clark KL7MM trustee

Guests Present:

Lara Baker AL2R and Alice Baker KL2GD newsletter editors
Jan Abbott KB1QCD our new 2011 treasurer

Members Excused:

TJ Sheffield KL7TS, Susan Woods NL7NN, and Kathleen O'Keefe KL7KO

President Randy got the meeting underway promptly at 7 pm after it was determined that a quorum was present.

Request for additional agenda items.

Welcome all visitors.

Visitor Forum

Reports:

Secretary's minutes: Approved by John Orella, Shawn seconded.

Treasurers Report: Calex Gonzalez TJ moved, Mike O'Keefe seconded.

(continued from previous page)

VE Report Jim Wiley

Exams have slowed down, but things are proceeding normally.

Membership: Fred Erickson not present.

Activities Manager: Will try to get a speaker.

Committees

Bylaws-Meeting on Sunday the 26th. Work is proceeding as planned.

Finance will be meeting in the next week.

Projects: dc voltage projects have been finished at the shack.

Old Business:

ARES: Mike made a plea for someone to step up to host the SET, since it is during one of his drill weekends

Webmaster: Still looking to get access and a webmaster

New Business:

Newsletter Costs: We decided to give our newsletter editors access to the shack and the color printer, thereby eliminating any personal costs to print the newsletter.

Mara Grant: Eric moved to fund the grant for instructional manuals for the valley VEC operation, not to exceed \$1000.00. Bruce seconded.

The production company for "Everybody Loves Whales" requested 3 towers and 3 antennas and one early 80's radio rig. Mike O'Keefe will explore logistics with WL7NJ.

Adjourned: Tom moved for adjournment with Sean seconding.

Respectfully submitted,

Paul Spatzek WL7BF

**AARC General Club Meeting
September 01 2010
APU campus Carr Gottstein Building
7 p.m.**

Randy opened the meeting at 7pm with a round of introductions.

A discussion of the whale movie and our donations to same occurred.

Allen Brier mentioned his clean out the clubhouse project and asked for anyone that was interested in the old magazines and books to please come by the clubhouse and pick them up. Any left after a reasonable period will be thrown away. The new configuration of the clubhouse leaves much less space for a library, forcing us to be much more discriminating in the acceptance of donations in the future.

On a related note, Michael O'Keefe announced a coax give-a-way. This is older coax that has been tested as good but does not meet the club's standards because of type or diameter or both. Interested parties need to get in touch with Mike, or stop by on Wed. evenings after 7pm when we have work nights.

There was no speaker.

Door prize winners were: KL7YK,
KL7Z, KL7KO, KL2NG, WL7JA, KL7MD, KL7LL, N9RNL, AL0U, NL7TZ, KL2GD, AL2R, KL7KW,
KL7JE, KL2FM, WL7NJ

Respectfully submitted,

Paul Spatzek WL7BF

Volunteers needed:

Your Club has a need for volunteers to serve on the various standing committees. If you have some time and you would like to help the Club, please notify one of the officers.

Some photos taken at the Ham Shack — submitted by Fielder Dowding:



Information about ARES Activities and Training.

From Mike O'Keefe KL7MD:

Every Thursday evening at 2000 hours ARES personnel hold the ARES net on 147,270 MHz. On that same evening at 2030 hours the State Wide ARES net is also held on 145.150 MHz.

ARES training is normally held on the 3rd Saturday of the month — but this has been suspended recently due to Mike's requirement to work on that day.

The next ARES training will cover how to operate Winlink and Winmore systems. In order to do that, we have to have a training class on what Winlink and Winmore are. We will probably do that training during the January club meeting on the first Friday of January.

We will then attempt to do Winlink and Winmore training at the CCV on the 3rd Saturday on the month in January.



HORIZONTAL MINI "V BEAMS" USING MFJ MOBILE HF VERTICALS

(Updated October, 2010)

By "Yukon John", KL7JR

Cramped for space? Need a very portable compact antenna that works DX? If so, imagine a small beam like antenna with some theoretical gain, about 180 degree directivity, easy to install, direct coax connection, very portable and a price tag at under \$50! Sounds too good to be true, right?

While some hams may not agree, I'll call this design my "one-element horizontal mini V Beam" as that's what they look like! You know, when I get interested in something I just have to see how far I can take it. In this case it's experimenting with MFJ HF vertical antennas as horizontal mini V Beams.

I've had some very good results using CB antennas as V beams on 15 and 20 meters which laid the groundwork for this antenna design (1). Most brands of CB or ham verticals should work on some other ham bands other than the designed band using an appropriately sized whip. You just need to experiment a bit!

This experiment concentrates on the MFJ brand mobile verticals. I used my MFJ 259B antenna analyzer which made testing painless. I highly recommend this economical antenna analyzer for antenna experimenters!

40 METER V BEAM

I am very pleased with the performance of the MFJ 40 meter mobile verticals (MFJ 1640T) I used as a horizontal one-element V beam on July 17, 2010 from the Yukon as VY1RST. The numbers were on previous tests indoors from my apartment: SWR 1.4, R 65 and X 12 and outdoors in the Yukon mounted on a picnic table: SWR 1.1, R 60 and X 0 for a height of about 8 feet!

Now those are great numbers, but will the antennas perform with those numbers? On 7.205 MHz W6HMB in California and N7EKD in Oregon gave me 57 and 55. They were both 59 with me at 0500Z for a good 10 minutes before the band dropped out. A half hour later I got 5x9 from an AZ station (in my excitement I forgot to log him- he was 5x9+20!) and a 5x5 off-the-side of my V beam from KL2DV in Seward, Alaska! I was pointed down the Alaska Highway.

Antennas were pruned for 7.220 MHz and worked well above and below that using my LDG Z-100 auto tuner. The next day I hoisted the V beam up 18 feet high and worked N7EKD again, K6AAX and KL3AB in North Pole, Alaska (he was 55 off- the-back and I was 44!). I was quite surprised on the "off-the-back" and "off-the-side" signal reports received and given! N7EKD said I was louder than last night. The old saying "higher is better" was evident. Wondering if the antenna would also work on 20m, I just had to try. It easily tuned and I worked K6HP with 59 signals both ways. N7EKD and K6AAX were 59+10 and both gave me 55-57 with QSB (I'm running 50 watts). Dialing around I heard the Midwest and South coming in loud, but before I could call, a wind storm had started up so I immediately lowered the unguyed antenna. This was not the first time Mother Nature tried to jinx me in the Yukon, hi hi! All in all, I am very pleased with how easy the MFJ verticals tuned and all the contacts I made in the horizontal position. Here's what I used for my antenna mounts [\(2\)](#).



[40 meter V beam mounted on top of a picnic table using MFJ 40m verticals from Kluane Lake near Destruction Bay, Yukon! Note 20m vertical dipole in lower left of photo using CB verticals and Webster Bandspanner in background.]



[KL7JR's 40 meter V beam at 18 feet high pointed down the Alaska Highway working N7EKD, K6AAX and KL3AB before Mother Nature stepped in!]

20 METER V BEAM TESTING

Let's try the same idea with a pair of MFJ 20 meter mobile verticals (MFJ 1620T) and see if they are as flexible as the 40m models as used above. I mounted the 20m V beam on a $\frac{3}{4}$ inch EMT mast about 8 feet long inside the box of my truck. After a few minutes of pruning, test results were: SWR 2.3, frequency 14.200 MHz, "R" 45 and "X" 30. I ended up with a 6 1/2 inch long stinger (that's the entire supplied stinger inserted all the way in to the antenna and 6 1/2 inches protruding. I'm sure once I get the antenna higher the SWR and X will come down to the levels I experienced with the 40m verticals but that won't happen from the RV park I'm staying at. I experimented with whip lengths of 6 inches to 8 inches and all had high "X" levels of 30-40. While I had everything set up, I wondered how long the antenna would be when used as a vertical. On 14.270 MHz the SWR was 1.2, with "R" at 50 and "X" at 10 for an overall antenna length of 33 inches making this a very compact antenna for 20 meters.



[20 meter V beam testing from Pasco, Washington.]

From another location the next day, I got the V beam up about 15 feet high in an area free of other objects to see the SWR and X down to lower levels. I fired up my TS-570 only to find S9 QRN and no audible signals. I am confident the 20 meter V beam will work DX as it's 40 meter cousin!



Shown in photo above, here's what I used for my antenna mounts. It doesn't get much easier than that. Hurricane "T" connectors (\$4 at Lowes) bent and drilled out to accept 3/8 inch threaded connectors for horizontal or vertical dipole (left) or horizontal V Beam (right) mounting (black coil and wire is for another project). Detailed step-by-step homebrew info is available [here](#) for the dipole mount. V Beam mount is the same but one end of "T" bent 90 degrees.

In conclusion, it appears the V beams need to be installed at least 15 feet high above

ground, somewhat far enough away from other objects and having a great big body of water nearby doesn't hurt any! The bottom line, MFJ HF Mobile HamTenna Whips, available for 6 through 75 meters, are economically priced (\$19.95 each, 2010 price) heavy duty compact mobile antennas that perform well, especially outside their intended design! If you work me in 2011 from the Dominican Republic (HI8/KL7JR), Hawaii (NH7DX) or the US Virgin Islands (WP2JR), I'll be using these antennas!

Aloha! Testing from Hawaii October, 2010!



20 Meter Mini V Beam on Broom handle 4 stories up!



October 27, 2010 Maui, Hawaii, "N7I" Special Events for US Islands program. Ops KH7/KL7JR and KH7/WL7MY

I experimented further using MFJ 20M short verticals as horizontal and vertical dipoles and as a V Beam. V Beam won hands down!

Maybe it's just because of poor propagation? Using 6 1/4 inch long stingers on the whips, [(MFJ 20 meter mobile verticals (MFJ 1620T)], I worked several stations in Washington, Arizona and Oregon on 20 meters and on 17M I snagged a pair of JA's and a Seattle station under extreme QSB and QRM.

Antenna was mounted on a broom handle lashed to the balcony of our 4th floor condo overlooking the ocean. Several different weather patterns and high winds were experienced the first 3 days of operating. Antenna with short whips loaded all bands 10-40M!

73, de Yukon John KL7JR

(reprinted with permission of the author)

Upcoming Events



Sweepstakes

The AARC November Sweepstakes event is presently scheduled for Saturday and Sunday, November 20th and 21st. This event is AARC's "winter field day" and training event.

The location has not yet been determined.

The Sweepstakes is scheduled to start at noon on Saturday, the 20th, and run until midnight. Activities restart at 0600 on Sunday and end at 1800 on Sunday.

For more information, contact TJ Sheffield, KL7TS, kl7ts@hotmail.com (248-3864), or Keith Clark, KL7MM, aksunlite@aol.com (243-0706).

Christmas Party

Put the date on your calendar. The AARC Christmas party will be held at the Carr/Gottstein Building on December 3rd at 7:00. This is a potluck — we will look forward to a lot of good things to eat.

There will also be a Chinese Auction — gifts to be less than \$25.00.

Join us for a lot of fun!!!!



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










ARES DISTRICT 7 & 5
KL7AA & KL7JFU

www.aresalaska.org



November 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 VE Testing	3	4  	5 General Meeting 7:00PM	6
7	8	9	10	11  	12	13 VE Testing
14	15	16 AARC Board Meeting 7 PM	17 Mara Board Meeting 7PM	18  	19	20 Sweepstakes
21 Sweepstakes	22	23	24	25 	26 Mara Meeting 7 PM	27
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 147.27+ PL:103.5

PARKA: meets 2nd Saturday at Denny's restaurant, 11AM Contact: Lil Marvin NL7DL, 277-6741
EARS: R1 North, Third Saturday of each month. Contact: Ron Keech: KL7YK@arrl.net

People to Help You!!

2010 Officers & Board of Directors

Officers

President	Randy Vallee	KL7Z	president@kl7aa.net
Vice President	John Orella	KL7LL	vicepresident@kl7aa.net
Secretary	Paul Spazek	WL7BF	secretary@kl7aa.net
Treasurer	Calex Gonzalez	KL2BT	treasurer@kl7aa.net
Activities	TJ Tomblinson	KB8JXX	kb8jxx@wl7cwe.org

Three Year Board Members

3rd Year	Eric McIntosh	KL2FM	kl2fm@arrl.net
2nd Year	Bruce McCormick	KL7BM	kl7bm@arrl.net
1st Year	Tom Rutigliano	NL7TZ	nl7tz@arrl.net

One Year Board Members (alphabetically)

Allen Brier	N5XZ	n5xz@arrl.net
Sean Jensen	KL2CO	kl2co@arrl.net
Kathleen O'Keefe	KL7KO	kok@woodscross.net
Michael O'Keefe	KL7MD	mok@gci.net
TJ Sheffield	KL7TS	kl7ts@arrl.net
Jim Wiley	KL7CC	jwiley@alaska.net
Pat Wilke	WL7JA	wl7ja@clearwire.net
Susan Woods	NL7NN	nl7nn4606@yahoo.com

Other Contacts

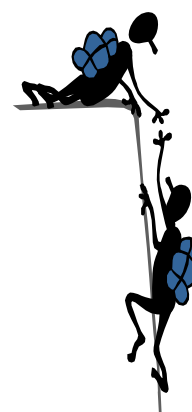
<u>Trustee</u>	Keith Clark	KL7MM	trustee@kl7aa.net
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<u>Membership</u>	Fred Erickson	KL7EE	membership@kl7aa.net
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Committees (alphabetically) Chair

By-Laws	Michael O'Keefe	KL7M	mok@gci.net
Finance	Keith Clark	KL7MM	aksunlite@aol.com
Projects	TJ Sheffield	KL7TS	kl7ts@arrl.net
VEC Testing	Jim Wiley	KL7CC	jwiley@alaska.net
VHF	Doug Dickinson	KL71XX	

<u>Newsletter Editors</u>	Alice Baker	KL2GD	editor @kl7aa.net
	Lara Baker	AL2R	editor @kl7aa.net



FOR SALE

For Sale:

- Yaesu VX-8R 5W 6M/2M/440/220 HT. New condition \$325.00.

- Maha MH-C777plus-II charger, Like new \$30.00.

- Software for VX-8R ADMS-VX8 Never used. \$35.00.

Call Paul Jendryk NL7PJ. cell 907-306-6127 or pjendryk@yahoo.com

2010November

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 unless we are otherwise notified.

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 .

AARC BADGES

The badge comes with your Name and Call sign engraved, the club logo on an arched 3 inch dome as well as the option of purchasing individual name plates for each position you have served for AARC. If you are interested in purchasing an AARC badge, the costs are \$20.00 per member for each badge and \$2.00 per customized name plate. Badges have the option of a pin or magnet attachment.

For more information about this project or to order your badge today, please contact Michael O'Keefe, KL7MD at 907-351-4038 or via email at: mok@gci.net.

When ordering, please indicate your name, call sign and if you wish to have any additional name plates added.

Orders take approximately 10 days for printing and are made locally in Anchorage.



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/>

The **ARRL Certification and Continuing Education Program**, was approved by the ARRL Board in January 2000. Volunteers from all over the country assisted in pulling together information for the course. Because the topic of emergency communications is so diversified and so much information is available, the material is broken into three levels: **Introductory**, **Intermediate** and **Advanced Emergency Communications (Levels I, II and III)**.

Each on-line course has been developed in segments -- learning units with objectives, informative text, student activities, and quizzes. Courses are interactive and include direct communications with a Mentor/Instructor and other students.

Check out: <http://www.arrl.org/cce/> for more information.

The MODULATION TIMES will no longer be sent out by US MAIL! In an effort to control club cost and to continue to modernize our resources, the board of AARC has decided that as of 5/31/2010 all future newsletters will be in ELECTRONIC format only. 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

"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.

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





Data You Can Use:

Freq	Tone	Call	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	Phone patch	Mat Valley
146.91 -	no tone	KL7JL		Homer
147.15 +	107.2	NL7J	Phone patch	Eagle River & Chugiak
147.33 +	103.5	WL7CVF	Cross linked to 443.900	Very Wide Area **
443.900 +	103.5	WL7CVF	Cross linked to 147.330	Very Wide Area **
147.27 +	103.5	WL7CVG	Cross linked to 443.300	Very Wide Area *
443.300 +	103.5	WL7CVG	Cross linked to 147.27	Very Wide Area*

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

<u>WINLINK</u>	<u>Callsign</u>	<u>Frequency</u>
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

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.**

Nets in Alaska: The following nets are active in Alaska:

VHF

ARES Net: 147.27/87 103.5Hz - Thursdays at 8:00 PM local
No Name Net: 146.85/.25 repeater Sundays 8:00 PM
Big City Simplex Net: 146.520, 446.0, 52.320 FM, 29.6 FM, 28.400 USB With Packet 145.01 and 147.96, 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 8PM local
ALASKA ARES Statewide ARES NET:
 IRLP Alaska Reflector (9070) Thursdays at 830PM 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 or other written traffic AL7N monitors continuously. Receivers always on WL2K RMS connection available (AL7N@winlink.org)
- ⇒ **Alaska Pacific 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.kl7uw.com/avg.htm>
B  thel Amateur Radio Klub: <http://www.al7yk.org/>
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

Regular HAM Gatherings:

Tuesday Lunch, 11:30 AM: Denny's on Denali behind Sears. Several old timers show for this and have lots of stories to share about amateur radio in Alaska.

Saturdays Breakfast, 7:30 AM: Here is a good way to get started on the weekend. Come and meet with some of the locals and have a great breakfast at **Peggy's Restaurant at the corner of Concrete Avenue and 5th Avenue across from Merrill Field.** Great Fun.

Friday Lunch: Kenai Peninsula: Members of the Moosehorn ARC get together at one of the local Soldotna-Kenai area restaurants that change every week. **Call on 146.88-repeater for location.**

AARC web page & Email contact addresses:

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

Webmaster: webmaster@kl7aa.net

Membership: membership@kl7aa.net

Newsletter: editor@kl7aa.net

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 147.27+ 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 338-0662.

1st Thursday each month: Moosehorn Amateur Radio Club General meeting - 7:00 PM location changes monthly so call on 146.88-repeater for info. Contact George Van Lone, KL7AN: [:donnavl@acsalaska.net](mailto:donnavl@acsalaska.net)

2nd Saturday each month: PARKA Meeting at 11:00 AM. Polar Amateur Radio Klub of Alaska. All amateurs welcome. Denny's on Denali Street in Anchorage. 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 338-0662.

3rd Saturday of each Quarter month: EARS general meeting at 3:00 PM. EARS meetings are held formally each Quarter during the first month: Jan, April, July, and October. Meetings are held informally each month at R1 North. Contact info - PO Box 6079, Elmendorf AFB 99506 or email Ron Keech, KL7YK for information. EARS: 552-2664 (recording); Talk in on 146.67-. Email: KL7AIR@arrl.net or KL7YK@arrl.net

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.

4th Saturday of each month: Valley VE Testing at 7PM. sessions will be held at the Wasilla Red Cross at 7 pm on the fourth Saturday of each month unless it is a major holiday weekend. Wasilla Red Cross is in the Westside Mall, next to Speedy Glass...it's just a click up from AIH hardware.

The last Friday each month: MARA meeting at 7PM Fire Station 61, located two blocks up Lucille Drive, from the Parks hwy. Talk-in help for the meeting can be acquired on either the 146.640 or 146.850 repeaters. Further details can be found by contacting Don Bush, KL7JFT, dbush@gci.net.

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.

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. There are weekly contests to participate in even if just helping Hams all over the world gain points and multipliers to win awards.

Club operators have made QSO's with many modes. Recent activities have seen SSTV QSO with New Zealand, hearing a Fallujah Iraq operator on PSK, a 15 meter contact to Peru during the CQ WW Phone contest. Common contacts are made with the Lower 48 and Canada, Japan, Korea, Taiwan, China, Russia, the Caribbean islands, and islands in the Pacific.

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 on Rowan Street.



*ARRL Affiliated
Club for more
than 50 years*

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. **KL7AA** is an ARRL affiliated club for more than 50 years. Consider becoming a member of ARRL today.

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

News Letter 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 above. Submissions must be in the hands of the editor **no later than the 10 days prior** to the meeting or it may not be included. Email: [editor at kl7aa.net](mailto:editor@kl7aa.net)

The MODULATION TIMES is the monthly newsletter of the Anchorage Amateur Radio Club, published by and for its members. The entire contents of this newsletter are copyrighted 2010 by the Anchorage Amateur Radio Club.

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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 in-