

# Anchorage Amateur Radio Club

Next Meeting AUGUST 7<sup>th</sup> 2009, 7:00 PM



August issue:

**AUTO PATCH; how it works,  
Membership Survey Results**

## What is Autopatch?

### How do I use it?

Radio amateurs in the US enjoy a great privilege: The ability to interconnect their stations and repeaters with the public telephone system. The wisdom of the federal government in permitting, and even in defending, this freedom has been demonstrated time and again. There is no way to calculate the value of the lives and property that have been saved by the intelligent use of phone patch and autopatch facilities in emergency situations. The public interest has been well served by amateurs with interconnect capabilities.

Repeaters, which operate duplex, that is, they receive on one input frequency and transmit *simultaneously* on the output frequency, use designated offsets. The ARRL suggested standard repeater offsets are:

29 MHz	100 kHz	Local and regional band plans supersede the national recommendations.
52 MHz	VARIOUS	
144MHz	600 kHz	
222 MHz	1.6 MHz	As with any privilege, this one can be abused, and the penalty for abuse could be the loss of the privilege for all amateurs. What constitutes abuse of phone patch and
440 MHz	5 MHz	
902 MHz	12 MHz	
1240 MHz	12 MHz	

autopatch privileges? In the absence of specific regulations governing their use, the answer to this question depends on one's perspective. Consider these facts: To other amateurs, phone patching activities that result in unnecessary frequency congestion or which appear as a commercialization of Amateur Radio operation are an abuse of their privilege to engage in other forms of amateur activities.



To the telephone company, which needs to protect its massive investment in capital equipment, anything that endangers its equipment, its personnel or its revenues is an abuse.

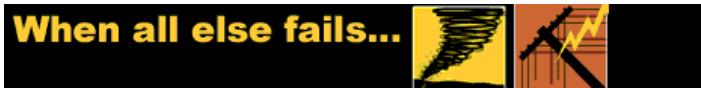
To the Federal Communications Commission, which is responsible for the efficient use of the radio spectrum by the services it regulates, any radio communication that could be handled more appropriately by wire is an unnecessary use of a valuable resource.

To the commercial suppliers of radio communication for business purposes (Radio Common Carriers), competition from a noncommercial service constitutes a possible threat to their livelihood.

At one time or another, threats to radio amateurs' interconnect privileges have come from each of these sources. And threats may come from another quarter: The governments of certain nations that prohibit amateurs from handling third-party messages internationally in competition with government-owned telecommunications services. If illegal phone patching to and from their countries cannot be controlled, they reason, the solution may be to ban all international third-party traffic by amateurs and to permit no such special arrangements.

The question facing amateurs is this: Should phone patches and autopatches be subject to reasonable voluntary restraints, thereby preserving most of our traditional flexibility, or should we risk forcing our government to define for us specifically what we can and cannot do? Experience has clearly shown that when specific regulations are established, innovation and flexibility are likely to suffer.

The Amateur Radio Service is not a common carrier, and its primary purpose is not the handling of routine messages on behalf of non-amateurs. Third-party communications as an incidental part of Amateur Radio, however, adds an important dimension to amateur public-service capability.



## *What is Autopatch and how to use it*

It is the policy of the American Radio Relay League to safeguard the prerogative of amateurs to interconnect their stations, including repeaters, to the public telephone system. An important element of this defense is encouraging amateurs to maintain a high standard of legal and ethical conduct in their patching activities. It is to this end that these guidelines are addressed. They are based on standards that have been in use for several years on a local or regional basis throughout the country. The ideas they represent have widespread support within the amateur community. All amateurs are urged to observe these standards carefully so amateurs' traditional freedom from government regulation may be preserved as much as possible:

- 1) International phone patches may be conducted only when there is a special third-party agreement between the countries concerned. The only exceptions are when the immediate safety of life or property is endangered, or where the third party is a licensed amateur.
- 2) Phone patches or autopatches involving the pecuniary interest of the originator, or on behalf of the originator's employer, must not be conducted at any time. The content of any patch should be such that it is clear to any listener that such communications are not involved. Particular caution must be observed in calling any business telephone. Calls to place an order for a commercial product may be made such as the proverbial call to the pizza restaurant to order food, but not calls to one's office to receive or to leave business messages since communications on behalf of one's employer are not permitted. Calls made in the interests of highway safety, however, such as for the removal of injured persons from the scene of an accident or for the removal of a disabled vehicle from a hazardous location, are permitted.
- 3) All interconnections must be made in accordance with telephone company tariffs. This means that your equipment must not affect the proper functioning of the telephone system; if it does, you are responsible for correcting the problem. If you have trouble obtaining information about the tariffs from your telephone company, they are available for public inspection at the telephone company office.
- 4) Phone patches and autopatches should never be made solely to avoid telephone toll charges. Phone patches and autopatches should never be made when normal telephone service could just as easily be used.

5) Third parties should not be retransmitted until the responsible control operator has explained the nature of Amateur Radio to them. Control of the station must never be relinquished to an unlicensed person. Permitting a person you don't know very well to conduct a patch in a language you don't understand amounts to relinquishing control.

6) Make sure the third parties know they are participating in radio communications, and that such communications are not private, and may be heard by people other than the parties involved.

7) Phone patches and autopatches must be terminated immediately in the event of any illegality or impropriety.

8) Autopatch facilities must not be used for broadcasting. If a repeater can transmit information of general interest, such as weather reports, such transmissions must occur only when requested by a licensed amateur and must not conform to a specific time schedule. The retransmission of radio signals from other services except for NOAA weather, government propagation bulletins and space shuttle communications, is not permitted in the Amateur Radio service.

9) Station identification must be strictly observed. In particular, US stations conducting international phone patches must identify in English at least once every 10 minutes, and must give their call signs and the other stations' call signs at the end of the communication.

10) In selecting frequencies for phone patch work, the rights of other amateurs must be considered. In particular, patching on 20 meters should be confined to the following frequency segments in accordance with the IARU Region 2 recommendation: 21.300-21.450 MHz and 14.250-14.350 MHz.

11) Phone patches and autopatches should be kept as brief as possible, as a courtesy to other amateurs; the amateur bands are intended to be used primarily for communication among radio amateurs.

12) If you have any doubt as to the legality or advisability of a patch, don't make it.

Compliance with these guidelines will help ensure that hams' interconnection privilege will continue to be available in the future, which will in turn help amateurs contribute to the public interest.

## What is Autopatch and how to use it

### Reverse Autopatch

No unlicensed person may initiate an amateur transmission without the knowledge and approval of the station's control operator. Incoming calls to an autopatch must be answered and screened off the air by the control operator to ensure rule compliance. If an incoming call automatically causes the repeater to transmit, even if it's just a signal tone or notification message, then it is possible for an unlicensed person to initiate a transmission without the control operator's knowledge or approval, which is not permitted. The use of a reverse autopatch is permitted only under very limited conditions. This is not to restrict the Amateur Service unduly, but to protect the character of the service.

### The Simplex Autopatch

A simplex autopatch operates very much like a repeater autopatch, except the station it is attached to is not a repeater. The station is operating on a simplex frequency and does not automatically retransmit the signals of other amateur stations. The main use for a "simpatch" is to provide a mobile user with the same functionality as a repeater patch from his home station.

The most important point to remember is that a control operator must be present at both stations' control points [97.105(a)]. The operation involves third-party traffic in that a third party is "participating" in amateur radio communication. This "participation" is permitted as long as each station involved has a control operator monitoring and supervising the radio communication continuously to ensure compliance with the rules [97.115(b)]; automatic control is not permitted [97.109(e)]. There is no problem if a control operator is present at the fixed station location. If, however, the mobile user wishes to act as the control operator of the fixed station, then a radio link must be used to remotely control the fixed station, and that link is an auxiliary station [97.213(a)]. The link therefore must be on frequencies permitted for auxiliary station operation [97.201(d)]. A simplex autopatch may not be controlled via a 2-meter link.



## So How does it work on the KL7AA club repeaters?

Fortunately the Anchorage Amateur Radio Club has had a dedicated volunteer taking care of the AARC repeaters for many years. The following is a description from our local ARRL Official Observer Doug Dickenson, KL7IKX on how to use the KL7AA repeaters autopatch feature.

The club has two repeaters that currently use Autopatch. 146.94 and 444.7. The .94 machine is currently undergoing some maintenance, however the commands are identical between the 94 and 444.7 repeaters, the controllers are different, but same manufacture, so the commands were made identical wherever possible.

To make a call on either repeater:

Table of common words:

Key = means to push the Push to talk bar, button or foot switch

Release = release the Push to talk bar, button, or foot switch.

Press = means to while holding the Key button push a particular button on the keypad of the handheld, microphone, or front panel keypad.

To start a phone patch.

Key and ID yourself.

Release.

Key again and dial \* plus the seven digit number

Release, and listen for the ringing indicator from the phone company.

Now it's Key to talk, Release to Listen. There is a five minute timer on both repeaters to prevent long conversations, remember this is NOT a cell system, others share the frequency and may need the system too.

When your done.

Key one final time, and press the # and release the key. And the repeater will announce that the patch is complete, ID itself and drop off.



## What is Autopatch and how to use it

Emergency calls are slightly different. The emergency start sequence is 91 NO need to dial the \* in fact that will cancel dialing the emergency number, and the # is still the hangup command. NOTE: You must identify the call as being from an amateur radio repeater, and your LOCATION the caller ID will show the number belongs to AARC and the address of the repeater, which won't do the police or fire departments any good at all in locating you. AND emergency services can NOT dial the number back to re-connect with you.

### 911 - **EMERGENCY USE ONLY**

(this does NOT mean your out of beer)

912 - Municipality of Anchorage Police dispatch center.

913 - State of Alaska Trooper Dispatch center.

914 - Elmendorf Air Police Dispatch center.

915 - Fort Richardson Military Police dispatch center

(note it's best to use 911 instead of calling the individual dispatchers) but they are provided for non-life threatening events.

A couple of notes to keep in mind: Especially if your dialing someone you don't know:

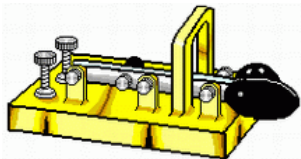
1. When your party answers Key and explain quickly that your on an Amateur radio phone system, and they need to watch their language. This may or may not be required depending on who you call.

2. Also remind the party that you can NOT be put on hold if there is MUSIC on the hold system. (many central and pbx phone systems put up music while the internal party is dialed, and MUSIC is NOT allowed on Amateur radio frequencies.)

Those two possible problems out of the way if they indeed might be a problem, obviously calling home it's not likely, calling another ham friend it's not likely calling your spouse's business on the other hand it might easily happen..

### **IF for some reason you get music on hold Immediately Key and push the # key to hang up the patch,**

you'll have to find another way of contacting the party. The amateur making the call is ALWAYS in control of what comes out of the repeater, when attached to the phone line, simply keying and pressing the # will force an automatic immediate disconnect.



Notes on the 5 minute timer: When the call reaches the 4 minute 30 second point, the controller will say TIME, and continue to say TIME every time the user RELEASES his PTT bar/button. At five (5) minutes if you're still talking the repeater will automatically disconnect you. (In the event of an emergency a control operator on another frequency will extend the timer, or turn off the timer during the event.)

So next time you are out and about and need to make a phone call try out our local Repeaters and their autopatch functions.

If you have any questions about the KL7AA repeaters, feel free to contact the club trustee, Keith Clark, KL7MM at trustee@kl7aa.net or our Alaska Official Observer, Doug Dickenson, KL7IKX. Doug can be reached at KL7IKX@arrl.net.



## **VE UPDATE**

Congratulations to the new ham radio operators who recently passed their exams and upgraded to General and EXTRA.

Thanks to the cooperative efforts of the AARC, the volunteer VE's and the teaching efforts of John Lynn, KL7CC the state communications office now has several new ham radio operators. Congratulations to all.

### **New Technicians:**

Terry L. Perry, KL2TV

Dwayne Jones, KL2TX

Kevin J. McCabe, KL2TW

Robby E. Balcerzak, KL2TM

Miller (NMN) Katzenberg, KL2TN

Joey A. Edades, KL2TO

Michael P. Kennedy Jr. KL2TP

Stephen D. McMaster, KL2TQ

Carl A. Hereford, KL2TR

Patrick M. Thornton, KL2TS

Kenneth H. Holmes, KL2TT

### **General Upgrades**

Allen H. Koenig, KL2TC

### **Extra upgrade:**

Stephen H. Bloom, KL7SB

Chad M. McIlheran, WL3WX

Marcia E. McIlheran, KD0EBY



# AARC Membership Survey

Prepared by: Hugh McLaughlin

## Survey Scope:

The Anchorage Amateur Radio Club (AARC) has been in existence since approximately 1946 and is the largest amateur radio organization in Alaska with over 340 members. The club is dedicated to public service, emergency communications, and the advancement of amateur radio through education and technical excellence.

The AARC has monthly membership meetings on the first Friday at 7 PM and board of director meetings the third Tuesday of each month. Additionally, a website is maintained and a monthly newsletter is published to keep members informed. The AARC has dedicated emergency response vehicles and equipment. The club participates on a regular basis in many community events, such as the North American Sled Dog races and numerous other activities throughout the year. The AARC has a leased facility that houses the CCV, two tower trailers with diesel power plants and the Ham shack. The club in a perpetual mode of equipment upgrade and is presently looking for a suitable facility to purchase.

Approximately 25 to 40 people, with some new members showing up from time to time attend the general membership monthly meetings. With the exception of a lack of volunteers the club appears to be healthy.

The AARC board of directors is a very active group, elected by the general membership to serve for varying terms from one to three years. In an effort to stay attuned to the needs and desires of the club membership, the AARC board of directors authorized a survey of the general membership.

The survey was designed to provide a forum for AARC members to comment on the direction their club was taking, on the way the monthly meeting is conducted and to provide members an opportunity to volunteer for positions or activities within the club.

The survey was conducted on line and ran during the month of May. Of the 320 plus members, 63 responded. According to people that conduct surveys, this is a high rate of return. This is especially encouraging because it means that 63 people took the time and showed an interest in the club. While reading through the charts, as a note, not all of the respondents answered all of the questions.

The following charts were developed from the data derived from the survey. The full results of the survey can be found on the club website with a link to the results on the home page: [www.kl7aa.net](http://www.kl7aa.net)

Residence	COUNT	Percentage
Alaska	53	84.13%
Arizona	1	1.59%
Florida	2	3.17%
Nevada	1	1.59%
Oregon	2	3.17%
Texas	1	1.59%
Washington	3	4.76%
<b>Grand Total</b>	<b>63</b>	<b>100.00%</b>

Are you a member of ARRL?

NO	4	6.35%
YES	59	93.65%
<b>Grand Total</b>	<b>63</b>	<b>100.00%</b>

## Recommendations:

At this time it is recommended that the AARC board of directors continue on the path they have presently set, which is a dedication to public service, emergency communications, and the advancement of amateur radio through education and technical excellence.

The majority of the membership indicates that a hands on training is important to them. Additionally, they have indicated presenters that have relevant subjects are most desired at the monthly meetings. Food service at the meetings is not an important item; however, door prizes are valued.

One aspect noted in the survey is that most members are unable to volunteer more because of other commitments. However, there is a small group of individuals that indicated a willingness to volunteer, if a mentor would be available. Perhaps, if more hands on training were conducted in the area of "how to participate at a specific event" it would help in recruiting volunteers.

As mentioned earlier, the AARC appears to be a healthy organization with a ready supply of mentors and a very small group of members that are the backbone of the club.

It is recommended that a survey or questionnaire be conducted in approximately a year to ensure we are still on course.

# AARC Membership Survey

	Important: Club is actively involved	Not Important	Somewhat Important: AARC does enough	Very Important: Club needs to do more	TOTAL
Monthly Newsletters	41		5	6	52
Education and Amateur Radio Classes	37		2	14	53
Promoting Amateur Radio	36		2	15	53
Public Service Events (Marathons, Runs, etc)	30		11	10	51
Emergency Preparedness (ARES)	29		5	19	53
Ability to provide Emergency Communication as needed.	32		2	18	52
VE Program	39		5	8	52
HAMFEST	36	1	5	9	51
WEBSITE	36		8	8	52
Property Acquisition	25	5	18	4	52
CLUB HOUSE (Hamshack)	33	1	8	8	50
Contests	15	6	23	6	50
A revenue source for others; Give money to other organizations	17	10	21	3	51



ARE YOU WILLING TO VOLUNTEER for any of the Following Positions?	YES	Sure (I would consider if a mentor was available)	Maybe (only if needed)	NO	TOTAL
TRUSTEE	4	2	6	28	40
PRESIDENT	2		4	31	37
Vice President	3	1	5	32	41
Treasurer	3	2	4	34	43
Secretary	1	0	2	36	39
Activities Chairman	2	1	4	33	40
3 - Year Board Member	9	5	6	22	42
1 - Year Board Member	12	2	8	16	38
Newsletter Editor	0	3	7	30	40
Membership	5	1	10	22	38
ARES Leader	1	7	9	25	42
VEC	11	7	7	18	43
WEBSITE - YES	1	4	8	29	42
HAM FESTIVAL Coordinator	0	3	7	32	42
BY Laws Committee	9	1	5	27	42
Technical Committee	10	2	7	25	44
Capital Projects Manager	6	0	9	27	42
Field Day	8	2	11	20	41
Gaming Member in Charge or Alternate	2		9	31	42
History and Archives	2	2	10	28	42

## 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 operations. 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.

Your club station is quite capable and has great ears. Club operators have made many QSO's with all modes on all continents. 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 states and Caribbean, Canada, Japan, Korea, Taiwan, China, Russia and islands in the Pacific.

Take advantage of this unique benefit! Arrange a session by contacting the club trustee, Keith Clark, KL7MM to meet at the KL7AA station on Rowan Street.



## *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.



### 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 with 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/>

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**News Letter Submissions, Information or corrections:** Submissions must be received 2 weeks before meeting Email: [editor@kl7aa.net](mailto:editor@kl7aa.net)

Mail: PO BOX 101987, Anchorage, AK 99510-1987

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**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@kl7aa.net](mailto:editor@kl7aa.net)

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# KL7AA Board Meeting Minutes~ June 2009

## **ANCHORAGE AMATEUR RADIO CLUB**

### **BOARD MEETING**

June 16, 2009

540 WEST INTERNATIONAL ROAD

Anchorage, AK

**(UNAPPROVED at Printing)**

The meeting was called to order at 7:00 PM by President Randy Vallee KL7Z. A quorum was not present until 7:15pm so no business was conducted until that time

### **BOARD MEMBERS PRESENT:**

President Randy Vallee KL7Z, Vice President Heather Hasper, Secretary Richard Tweet KL2AZ, Eric McIntosh KL2FM, Susan Woods NL7NN, T.J Sheffield KL7TS, Tom Rutigliano NL7TZ, Michael O'Keefe KL7MD, Hugh McLaughlin KL7HM

### **NON-VOTING MEMBERS PRESENT**

Keith Clark KL7MM

### **EXCUSED**

Treasurer Calex Gonzalez KL2BT, Activities Manager Pat Wilke WL7JA, John Orella KL7LL, Kathleen O'Keefe KL7KO, Bruce McCormick KL7BM, Sean Jensen KL2CO.

### **UNEXCUSED**

None

### **GUESTS**

Alan Brier

Dave Koch KL2OS

Johnny Gibbons – Boniface Bingo

### **REQUEST FOR AGENDA ITEMS**

Boniface Bingo report

### **JULY MEMBERSHIP MEETING**

General discussion was held as to expected attendance for the Scheduled July 3<sup>rd</sup> Membership meeting. A poll of the Board noted most of the AARC Board would not be available for the meeting. Motion made Michael O'Keefe KL7MD, seconded Heather Hasper KL7SP to cancel the July membership meeting. Motion carried unanimously. The announcement of the cancellation will be made on the morning net, ARES net and in the newsletter.

### **SECRETARY REPORT**

Previous Board meeting minutes for the May Board meeting were presented as well as the membership meeting minutes from the June membership meeting. Motion made Michael O'Keefe KL7MD, seconded Heather Hasper KL7SP to accept the minutes as presented. The motion carried unanimously.

### **TREASURER'S REPORT**

Calex Gonzalez KL2BT emailed a general Treasurers report to the Board for discussion. Due to work related travel, Calex was unable to provide a detailed financial report and as such, the Board did not move to approve the financial report.

### **VE REPORT**

Eric McIntosh provided a report on the Anchorage testing session where 4 people received their Technician license and 1 person upgraded to General. Randy Vallee, KL7Z reported that AARC will not be sending anyone to the NCVEC conference this year.

### **TRUSTEE REPORT**

Keith Clark KL7MM gave a brief report on Logbook of the World status. Keith noted that KL7AA would be used for Field Day and that KL7G would be utilized for the GOTA station. The Mayors Marathon may possibly use KL7AA.

### **MEMBERSHIP REPORT**

No membership report given as Fred Erickson was not in attendance.

### **ARES TRAINING**

Due to summer activities, there will not be an ARES training session until September 2009.

### **BONIFACE BINGO REPORT**

Johnny Gibbons from Boniface Bingo gave a report of current income to the business as well as a projection for the rest of the year. Johnny noted that Boniface Bingo is one of 6 bingo halls in Anchorage with the latest addition being Southside Bingo which opened late last fall. Johnny noted that business is slow with the weather, economy, smoking ban and increased competition being contributing factors. Johnny reported that when current management took over the facility, it was traditional to have slow summers and that in the 2000's, the summers were better.



# KL7AA Board Meeting Minutes~ June 2009

It has been studied jointly by several operators that Anchorage can only support a certain amount of bingo halls and still allow the facilities to be successful and profitable. With the addition of the new facility, all bingo halls throughout Anchorage are being impacted and have seen revenues drop.

Johnny explained Boniface Bingo operates 2 bingo sessions per night with a total of 28 sessions per week. The guaranteed payout for a session is \$25k and for example, the facility only brought in \$4k the previous night. Johnny noted that for the period of January through May of 2009, gross profit is down \$52k compared to 2008. Boniface Bingo has reduced expenses to the maximum possible in the amount of \$24.6k. Major increases in utility costs such as Enstar and ML&P have caused a major negative effect to the profits of the facility. It was noted that utility costs have risen almost 37% for the year.

Johnny noted that it is too early provide a long term outlook and such a forecast would be influenced by the number of competitors and the fact of 'who blinks first' in this economy. Johnny noted the facility cannot carry over their capital and must pay out the profit per gaming regulations. Johnny noted that each session has an average of 110 patrons per session and if a competing facility were to close, each facility would possible gain 10 patrons per session. An average patron spends \$50 to \$60 per session. Johnny explained Capital Improvements as related to Boniface Bingo, pull tab operations and income, comparison with the previous worst summer's income (1999) and the worst year's income (2001). Johnny explained that regulations require 10% of the adjusted Bingo gross income and 30% of pull tab gross income must be paid no matter what expenses are incurred for the period. Using bingo as the example, adjusted gross income was explained as the difference between the bingo revenue and the prize payouts. The bingo hall typically has largest quarter distribution during the last quarter of the year due to Permanent Dividend distributions and the Alaska Federation of Natives conference during the years it is held in Anchorage.

## OLD BUSINESS

## REAL ESTATE

Keith Clark reported there are no updates to the search for Club property. A discussion noted the possibility that clubs that own property do not qualify for the low cost ARRL General Liability insurance policy that AARC currently has. Keith will look into this issue.

## USE OF CLUB TEST EQUIPMENT

Heather Hasper, KL7SP noted there was nothing new to report on this as the group has been unable to meet due to travel and other reasons.

## CCV GARAGE SECURITY

Michael O’Keefe, KL7MD noted that there was nothing new to report as the job was still in progress.

## CCV LEVELING JACK REPAIRS

Michael O'Keefe, KI7MD reported that finding a repair facility and coordinating a delivery of the CCV is ongoing. Michael noted work schedules of AARC volunteers also determine the ability to schedule repairs.

## CCV/COACHING INTERCOM STATION

T.J. Sheffield reported that the Project Manager has been out of state and there is nothing new to report.

## MT. SU REPAIR STATUS

Michael O'Keefe reported that a scheduled helicopter flight to Mt. Su will occur on June 21<sup>st</sup> weather permitting and that a volunteer is being requested to assist. Discussion noted the need for photos of the AARC installation, co-location with KYES channel 5 antennas, planned repeater and tower work during this trip.



The Alaska DX Club (KL7DX and KL7CQ) has been granted a third call sign which we will be using for a yearlong special event (2009) in honor of the 50th Anniversary of Alaska's Statehood. The call sign is KL5O.

- ★ Attached a picture of what the QSL card will look like.



# KL7AA Board Meeting Minutes~ June 2009

## **GRUBSTAKE REPAIR STATUS**

Michael O'Keefe, KL7MD reported that Arcticom has looked at the removed repeater (which has failed 2 times previously) in an attempt to determine the cause of failure versus just repairing and returning to service. The Arcticom technician noted that the isolators were an issue and may need adjustment. Michael also reported that separate UHF and VHF antennas are required for this site. Repairs are expected to be complete by the end of June. Heather Hasper, KL7SP noted the installation of the WL7CVG Digipeaters will be occurring at this site also. Discussion noted the design for Grubstake was to be similar to Mt. Su with a full hot backup available which is not the current state. Discussion noted this will be a club project for preliminary work and Arcticom will perform the install.

## **MEMBERSHIP SURVEY RESULTS**

Hugh McLaughlin, KL7HM reported that the survey was open for 30 days and had 63 respondents. 53 were from within Alaska and 10 were from out of state. The full survey results will be compiled and published soon.

## **STATE FAIR**

Discussion noted that John Lynn, KL7CY has offered to coordinate AARC's State Fair involvement this year. All were in agreement to allow John to continue coordinating this event.

## **HAMFEST**

Dave Koch, KL2OS reported that he has received numerous door prizes from vendors and is continuing to scout for a location to hold the event.

## **GOVERNORS PICNIC**

Heather Hasper, KL7SP reported that this event will be held on July 25th from 12 noon to 3pm. Volunteers are needed for this event and discussion noted this is a great opportunity to outreach to families and especially children to encourage involvement with this hobby.

## **AARC BOARD VACANCY**

Eric McIntosh reported that he had approached Dave Koch, KL2OS regarding the vacant 1 year Board position that is currently open and that Dave had agreed to fill the position. Motion made Eric McIntosh, seconded Heather Hasper KL7SP to appoint Dave Koch KL2OS to the vacant one year position.

Richard Tweet, KL2AZ announced that due to a recent promotion and shift change, he would possibly be resigning the Secretary position as the new work schedule would make him unavailable for the evening meetings. Richard will review the new schedule and report to the Board at the July meeting.

## **NCVEC ATTENDANCE REQUEST**

Randy Vallee reported (as noted in the VE report) that AARC will not be sending anyone to the conference this year. Board discussion was held regarding air fare to the event.

## **FIELD DAY STATUS**

T.J. Sheffield KL7TS reported that setup will begin with a 9am departure from the CCV garage on June 26th and that volunteers are needed for setup and operation.

## **NEW BUSINESS**

### **PROGRAM FOR JULY MEETING**

Due to Board action, there will not be a July Membership meeting.

### **APPROVALS, KL7AA IN THE NEXT MONTH**

None other than noted in the Trustee report

### **INVENTORY**

Heather Hasper, KL7SP noted the move to make the AARC inventory interactive with photos. Heather noted she needs assistance in finding assets, including software. Heather asked that if anyone has AARC assets in their possession, to return them to the CCV garage.

### **CCV CLUB STATION ROTOR**

Discussion noted the brake has failed on the unit and the rotor will be rebuilt by Randy Vallee, KL7Z. Discussion noted the need to order the parts and supplies required to rebuild the rotor. It was noted that KL7JM is donating a rotor to the AARC for the SteppIR station.

### **ADJOURNMENT**

Motion made Michael O'Keefe KL7MD, seconded Heather Hasper KL7SP to adjourn. Motion carried. The meeting adjourned at 8:42 pm.

Respectfully submitted as recorded on 06/16/09 by  
Richard Tweet, KL2AZ  
*Secretary*

# KL7AA Board Meeting Minutes~ JULY 2009

Anchorage Amateur Radio Club, KL7AA  
Board of Directors Meeting Minutes  
Hope Community Resource Building  
540 West International Road  
July 21, 2009

## **Board Members present**

Present were Randy Vallee KL7Z, Heather Hasper KL7SP, Calex Gonzalez KL2BT, Pat Wilke WL7JA, Fred Erickson KL7FE, Michael O'Keefe KL7MD, Eric McIntosh KL2FM, Bruce McCormick KL7BM, TJ Sheffield KL7TS, Tom Rutigliano NL7TZ, Sean Jensen KL2CO, Hugh McLaughlin KL7HM, Kathleen O'Keefe KL7KO.

## **Non Voting Members present**

Keith Clark KL7MM

Missing were: Richard Tweet KL2AZ, Craig Severson KL2FN, John Orella KL7LL (Excused), Susan Woods NL7NN

Guests were: Jim Wiley KL7CC, Dave Koch KL2OS, Alan Brier N5YZ, Anne Rutigliano KL7TZ, and Paul Spatzek WL7BF.

A quorum was checked and found valid. Additional items were added to the agenda.  
There were no visitor comments.

## **Reports:**

**Secretary:** Minutes were presented for the June 5<sup>th</sup> membership meeting and the June 16<sup>th</sup> Board of Directors meeting. Michael O'Keefe, KL7MD made the motion to approve the Secretary minutes as presented, Sean Jensen, KL2CO made the second.

### **Treasurer's Report**

Treasurer reported that due to a lack of incoming gaming funds and extra expenditures, we were in need of a transfer of \$35,000.00. Funds will be transferred from gaming to the general fund to cover expenses for the rest of the year. Questions were asked as to where our funds are actually kept and Heather provided some information on the history of the accounts and the long term Government Mortgage accounts we have with Solomon/Smith-Barney. The Treasurer's report was approved by Mike O'Keefe, KL7MD and seconded by Pat Wilke, WL7JA.

### **VE report:**

Jim Wiley, KL7CC reported that the VE board was diluted by the passage of time and other interests. He asked for several volunteers for the VE Board. Jim also announced the FCC is changing the method of tracking license upgrades and licenses. Heather provided some historical information about the design and original format of the VEC Board and the FCC contract with the AARC. Heather has been conducting interviews with several VE program managers who were part of the initial conception of the AARC VEC. It was clarified that several documents referencing the AARC VEC Inc are incorrectly referenced. The AARC is the VEC and the AARC is incorporated, however the VEC entity by itself is not on file as a corporation. Further questions about AARC Board members and possible conflicts of interest for being on both the Board of Directors and the VEC board were discussed. Since the Question pool committee of the National VEC handles the question pool, it is believed that this conflict is no longer a valid issue and should be considered by the By-Laws review committee for further clarification and incorporation in the bylaws update.

A special ham radio class for state employees yielded 9 new ham operators and several new techs and Generals were added by the regularly scheduled testing sessions.

VEC identification cards are not issued by the AARC VEC anymore and we will be using instead a web form indicating status. Some concern was expressed that other VE programs across the nation still use these ID cards for verification purposes.

### **Trustee's Report:**

Keith reported that the field day QSL Cards started arriving only 3 days after Field Day finished. No approvals were needed for events in the next month.

### **Membership:**

Fred reported a quiet time for the membership side of thing with a few added hams putting our club total at 314 real hams with total at 331.

### **Activities Manager:**

Pat reported a cancellation for August and announced that he was attempting to find a replacement speaker with someone from the State ECC regarding LMR and all that goes with the system.

# KL7AA Board Meeting Minutes~ JULY 2009

## Old Business:

### Real Estate

Keith Clark, KL7MM reported the property we had been considering has been sold and he is keeping his eyes open for the next opportunity.

### Use of club equipment policy.

Heather, Bruce and John Orella submitted a draft for the use of Club Equipment.

Liability for the use of club equipment (especially climbing belts) was bought up by Mike O'Keefe and a lively discussion ensued. Further discussion was deferred to a future date.

### Inventory:

Heather reported the inventory is going well, with a few items still out of inventory and suspected at members personal homes. She repeated her plea for all members to return items that they have borrowed and still have in their possession. CRT monitors were discussed and offered to any member that wants to haul them away. Michael O'Keefe, KL7MD brought up a concern that the fiberglass mast for the satellite station were currently missing and not in the CCV garage. This makes this system currently inoperable without the mast for the rotors and antennas.

### CCV Garage Security

Bruce McCormick, KL7BM has showed Mike O'Keefe how to set up the remaining parts of the alarm system. Mike will get with Bruce's company when the system is ready for programming.

### CCV Leveling jack repairs

Richard Tweet will do the motor home shuffle on the 29<sup>th</sup> and the system is scheduled for repair.

### CCV Coaching Intercom System

Waiting for the committee study to be completed. The project manager has only just returned to town. It was mentioned that since this was a capital project still in study, it was recommended that this item be removed from the Agenda.

### CCV Club Station Rotor

Brake blocks were loose and tightening them and deburring the brake blocks helped as well.

### Mt Susitna Repeater Repair Status

Mike O'Keefe, KL7MD and John Lynn, KL7CC went to the mountain and replaced both antennas. The UHF side is weaker but functional. The emergency power and back up battery systems have been installed.

### Grubstake Repair Status

Nothing new to report, the repeater is still in the shop and scheduled for installation before the end of the month. Also scheduled in the same trip is a digipeater install to support the WINLINK system in south central.

### Membership Survey Results:

Hugh McLaughlin, KL7HM presented the results of the Membership Survey to the board. Hugh indicated that the rate of return on the survey from a statistical standpoint was a good return. A complete copy of the report and the graphs is available on the club website for members to review. It is recommended that the club consider doing a similar type survey annually to ensure that the leaders are heading in the direction that the membership is wanting.

### State Fair

Discussion was held of using the Antenna trailer and the weatherport as well as the StepIR beam. John Lynn has requested permission to use this system at the State Fair.

### Hamfest

Lt. Dave announced the hamfest would be at the 1<sup>st</sup> Assembly church at 15<sup>th</sup> and C Street on Sept 19. Cost to the club will be \$150.00 for rent of the facility and the church's youth group will provide food service and drinks. Door prize funds for \$3500.00 were requested and moved by Kathleen Okeefe and seconded by Hugh McLaughlin.

### Governor's picnic

Mike O Keefe reported a change to the location of the CCV, from the center of things to 10<sup>th</sup> Ave. CCV will be operational using vehicle-mounted antennas. Mike will pick up, set up, tear down, and drop off.

### Secretary Vacancy

Richard Tweet, KL2AZ has had to resign due to work schedule conflicts. Paul Spatzek has volunteered to fill the vacant seat. Eric McIntosh made the motion of Paul Spatzek to fill the vacancy; this was seconded by Kathleen O'Keefe. The membership will need to approve the nomination at the next general membership meeting.



# KL7AA Board Meeting Minutes~ JULY 2009

## New Business

Grant Request: Bethel Amateur Radio Klub

The grant for the Bethel Amateur Radio Club was discussed. The waiving of the rules for grants was approved because of severe lack of funds and the success of this new radio club. General discussion followed regarding the efforts of this radio club to promote amateur radio in Western Alaska and a motion was then made by Bruce McCormick to approve the grant in the amount of \$2254.60 with waiving the requirement to be an ARRL Affiliated radio club rule, with Kathleen O'Keefe seconding.

Mt Susitna Control Operator

Jim has a need for more control operators and wants volunteers. Anyone desiring to help out should get in touch with Jim Wiley KL7CC. Mark Kelliher, KL7TQ and Bruce McCormick, KL7BM have both indicated they would be willing to be control operators.

IRLP on Mt Susitna

A discussion of the use of IRLP on Mt. Susitna repeater was followed with a motion to recommend rescinding and making void the current IRLP agreement with Dave Cloyd, KL7M for use of IRLP on all AARC owned repeaters and to make this final as of July 25<sup>th</sup>. Further IRLP activity will ONLY take place as approved by the trustee or the DEC. A motion was made by Mike O' Keefe, KL7MD and seconded by Pat Wilke, WL7JA. This will apply to Grubstake as well as any KL7AA repeater.

Approvals for KL7AA

There may be a potential to use the KL7AA call sign at the upcoming State Fair activities. State Fair. Training to take place prior to use.

Adjournment:

Bruce McCormick made a motion to adjourn with a second from Sean Jensen, KL2CO.

Respectfully submitted

Paul Spatzek WL7BF  
(Acting Secretary)



## 2009 HAMFEST

### CQ, CQ, CQ

### AMATEUR RADIO

### ANCHORAGE AMATEUR RADIO CLUB



When: *SATURDAY,*  
*SEPTEMBER 19, 2009*

Location: 15th & C Street, Anchorage  
First Assembly of God Church

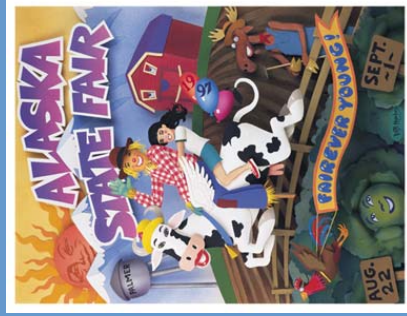


**MT Susitna:** Some external views of this remote location communications site. Mt Susitna is over 4 million years old and this repeater site is built on solid rock. The original site survey was in 1942. Motorola built the site with the Army Corps of Engineers in the late 1940's.





ARES DISTRICT 7 & 5  
KL7AA & KL7JFU



### 8/1 ALASKA 10K Classic

Contact TJ Sheffield, KL7TS  
kl7ts@hotmail.com

### 8/27 - 9/7

### ALASKA State Fair

Contact John Lynn,  
KL7CY  
johnlynn@gci.net



### ARES NETS:

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

# August 2009

Anchorage Amateur Radio Club  
PO BOX 101987  
Anchorage, AK 99510-1987  
[www.KL7AA.net](http://www.KL7AA.net)

**ARES NET: Thursday Nights 8:00 PM 147.27+ PL:103.5**  
**or 443.30+ PL 103.5**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Parka, meets at Denny's on Denali at 11AM Contact: Lil Marvin NL7DL, 277-6741 EARS: R1 North, Third Saturday of each month. Contact: Ron Keech: KL7YK@arri.net						
2	3	4	5	6 	7 	8 
9	10	11	12 <i>MARA Board Meeting 7PM</i>	13 	14	15 
16	17	18 <i>AARC Board Meeting 7PM</i>	19	20 	21	22
23	24	25	26	27 	28 	29
30	31	<b>State Fair</b> <b>8/27 - 9/7: ALASKA State Fair</b> Contact John Lynn, KL7CY: johnlynn@gci.net				





# PUBLIC SERVICE ACTIVITIES

## Public Service

Listed below are events that local radio clubs and event coordinators are looking for communication volunteers to support these upcoming public service events. Your participation is appreciated.



**State Fair:** Volunteers are needed to work the upcoming State Fair booth. While we don't want to admit summer is halfway over, State Fair is a time to promote amateur radio. This year we will have HF and the SteppIR

beam at the State Fair so if you are available to volunteer, please contact John Lynn, KL7CY at [johnlynn@gci.net](mailto:johnlynn@gci.net). A schedule of opportunities can be found on the KL7AA website.



### Alaska 10K Classic

#### Volunteers Needed

**August 1, 2009**

**Contact:** TJ Sheffield, [KL7TS@hotmail.com](mailto:KL7TS@hotmail.com)

The ARES state emergency plan is in the process of being reviewed and updated. If you have any questions or would like to participate in the planning process please contact the Alaska Section Manager, Jim Larsen at: [AL7FS@arrl.org](mailto:AL7FS@arrl.org).

## 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.

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.

### ARES District 7 Contact Information

Michael O'Keefe, KL7MD

[DEC7 at kl7aa.net](mailto:DEC7@kl7aa.net)





## Data You Can Use:

Freq	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	KB8JXX	IRLP	Anchorage
146.76 -	97.4	KL3K	IRLP	Seward
147.21 +	97.4	KL3K	IRLP	Anchorage Wasilla Girdwood
146.94 -	103.5	KL7AA	Phone patch	Anchorage to Wasilla
224.94 -	no tone	KL7AA	Phone Patch	Anchorage
444.70 +	103.5	KL7AA	Phone Patch	Anchorage
146.67 -	107.2	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
<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>103.5</b>	<b>WL7CVG</b>	Cross linked to 443.300	Very Wide Area *
<b>443.300 +</b>	<b>103.5</b>	<b>WL7CVG</b>	Cross linked to 147.27	Very Wide Area*

**Nets in Alaska:** The following nets are active in South-Central Alaska:



### VHF

**ARES Net:** 147.27/87 103.5Hz - Thursdays at 8:00 PM local  
**PARKA Net** 147.30/.90, 141.3 HZ Thursdays at 7:00 PM local  
**Alaska Morning Net:** 145.15(-) PL123.0Hz; Daily at 9:00 AM  
**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  
**Grandson of SSB Net:** 144.20 USB Mondays 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

### 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)**  
3534, 7042 Daily @ 0700 -1000,  
Net Purpose: Formal NTS traffic via CW.  
AL7N or KL5T monitoring.
- ⇒ **Alaska Pacific Net:**  
14.292 MHz 8:30 AM M-F
- ⇒ **ERC HF Net:** 3.880 MHz – Sunday 8:30PM

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.**

## 2009 Board of Directors

<b>President</b>	Randy Vallee	KL7Z	president at kl7aa.net
<b>Vice President</b>	Heather Hasper	KL7SP	vicepresident at kl7aa.net
<b>Secretary</b>	Richard Tweet	KL2AZ	secretary at kl7aa.net
<b>Treasurer</b>	Calex Gonzalez	KL2BT	treasurer at kl7aa.net
<b>Activities Chairman</b>	Pat Wilke	WL7JA	activities at kl7aa.net
<b>Trustee</b>	Keith Clark	KL7MM	trustee at kl7aa.net
<b>Membership Chairman:</b>	Fred Erickson	KL7FE	membership at kl7aa.net
<b>News Letter Editor</b>	Heather Hasper	KL7SP	editor at kl7aa.net
<b>Three Year Board Members</b>			
3rd Year	Michael O'Keefe	KL7MD	mok at gci.net (3rd Year)
2nd Year (replacement)	Eric McIntosh	KL2FM	
1st Year	Bruce McCormick	KL7BM	<a href="mailto:KL7BM@arri.net">KL7BM@arri.net</a>
<b>One Year Board Members</b>			
	TJ Sheffield	KL7TS	<a href="mailto:KL7TS@arri.net">KL7TS@arri.net</a>
	Dave Koch	KL2OS	<a href="mailto:azbound@gci.net">azbound@gci.net</a>
	John Orella	KL7LL	<a href="mailto:kl7ll@arri.net">kl7ll@arri.net</a>
	Susan Woods	NL7NN	<a href="mailto:NL7NN4606@yahoo.com">NL7NN4606@yahoo.com</a>
	Tom Rutigliano	NL7TZ	<a href="mailto:NL7TZ@arri.net">NL7TZ@arri.net</a>
	Sean Jensen	KL2CO	<a href="mailto:KL2CO@arri.net">KL2CO@arri.net</a>
	Hugh McLaughlin	KL7HM	<a href="mailto:KL7HM@arri.net">KL7HM@arri.net</a>
(Past President)	Kathleen O'Keefe	KL7KO	kok at woodscross.net

### South Central Area Simplex Frequencies

146.52 MHz	Calling and Emergency frequency
147.57 MHz	National DX Calling / Coordinating frequency
146.49 MHz	Anchorage area simplex chat
146.43 MHz	Mat-Su Valley simplex chat
147.42 MHz	Peninsula simplex chat
447.57 MHz	DX Calling / Coordinating frequency

<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



## 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>  
Béthel 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](mailto: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.

## Who Do I Contact to Join AARC

Fred Erickson KL7FE  
12531 Alpine Dr  
Anchorage, AK 99516-3121  
E-mail: [membership \(at\) kl7aa.net](mailto:membership(at)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.  
Ask about Life Memberships



## 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 147.27+ 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 338-0662.

**2<sup>nd</sup> 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+.

**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 338-0662.

**3<sup>rd</sup> 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](mailto:KL7AIR@arrl.net) or [KL7YK@arrl.net](mailto:KL7YK@arrl.net)

**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.

**4<sup>th</sup> 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 Tim Comfort, NL7SK, [NL7SK at arrl.net](mailto:NL7SK@arrl.net).

## 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)

# **ANCHORAGE AMATEUR RADIO CLUB**

The 38th Annual Anchorage HAMFEST  
Saturday, **September 19th, 2009**  
10 AM to 4 PM

At

**1st Assembly of God Church; Anchorage, AK**

## **DIRECTIONS:**

Coming from the MATSU on the Glenn Highway take 5th Avenue until you get to C Street. Turn Left on C Street and go 10 blocks south to 15th & C Street. Facility located on the southwest corner; Look for Hamfest signs!

If Coming from the KENAI peninsula, come into ANC via the Seward Highway. Take the highway all the way through town and get into the left lane as you approach 15th Avenue. Turn left on C Street then immediately turn right into the parking lot.

**RAFFLE PRIZES**

Door Prizes!!

Grand prize, ICOM 7000

DO NOT need to be present to Win!

Winner will be selected at 3:30 pm.

HamFest Swap Meet.

Bring your stuff to sell.

Selling fee (includes admission) is \$10.

Table setup 9 to 10 AM.

Cash only for admission and table fee.

**Country Store**

## **PROGRAM:**

Demo satellite contacts in parking lot in the morning.

1:00-2:30 pm---- VE Amateur Radio License Testing.

12:00-3:30 pm----- Other sessions and talks (to be determined).

## **Contact Hamfest Chairman:**

Dave Koch, KL2OS at (907) 317-0110 or [azbound@gci.net](mailto:azbound@gci.net)



# Anchorage Amateur Radio Club Membership Application / Renewal

Membership Chairman: Fred Erickson, KL7FE  
Email: [membership@kl7aa.net](mailto:membership@kl7aa.net)  
Phone Number: 345-2181

**All annual memberships  
expire on  
December 31<sup>st</sup>.**

Mail - In Membership Application

NAME: \_\_\_\_\_ CALL SIGN: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

PHONE: \_\_\_\_\_ HOME \_\_\_\_\_ E-MAIL: \_\_\_\_\_

\_\_\_\_\_ WORK \_\_\_\_\_

\_\_\_\_\_ MOBILE \_\_\_\_\_

Are you a member of ARRL?

YES \_\_\_\_\_

NO \_\_\_\_\_



## **DUES:**

Dues for the calendar year (Jan through Dec) are as follows:

Individual Membership	\$12.00 (\$6.00 for each additional member at the same address)
Full Time Student	No Charge

Dues for **New** Members, joining the club for the first time will have their dues pro-rated from the month they first join to the end of the year at a rate of \$1 per month. For example, if you join in the beginning of August, your dues for the remainder of the year are \$5

Life Time Membership	\$250.00 (if over 65, inquire about reduced rates)
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I am enclosing payment for:

Subscription / Renewal for \_\_\_\_\_ year(s).

Total US Dollars Enclosed: \$ \_\_\_\_\_

What year did you get  
your first Ham  
License? \_\_\_\_\_

Please mail your payment and completed application to:

**Anchorage Amateur Radio Club**  
c/o: Fred Erickson, KL7FE  
12531 Alpine Drive  
Anchorage, AK 99516-3121

## THE MODULATION TIMES

Anchorage Amateur Radio Club, Inc  
Post Office Box 101987  
Anchorage, Alaska 99510-1987  
[www.kl7aa.net](http://www.kl7aa.net)

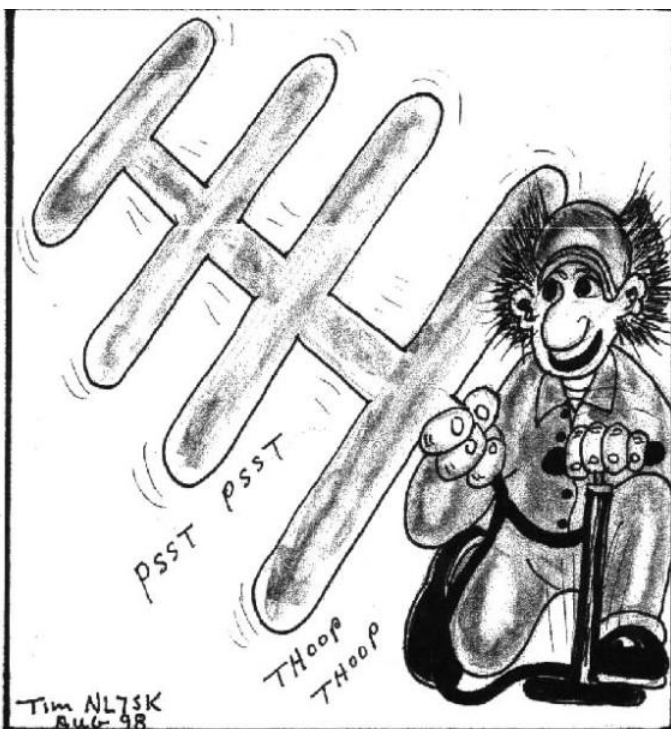
PRSRT STD  
U.S. Postage  
PAID  
Anchorage, AK  
Permit No. 69



*ARRL Affiliated  
Club for more  
than 50 years*

## AMATEUR RADIO

**LIDS Cartoons** are the creation of NL7SK, Tim Comfort and are available for purchase on CD for only \$15. All sale proceeds go to support the Matanuska Amateur Radio Association.  
[www.kl7jfu.com](http://www.kl7jfu.com)



While attending the Alaska State Fair, Stretch met "Kaboom", the balloon buffoon. As a result, the "Balloon Beam" was born. Using Mylar aluminum, latex glue, alarm system leads and a bicycle pump, the VHF-UHF prototype was constructed. Future plans call for HF specs in a lighter-than-air application. Patent searches are in place at this time. A supplier for Helium is out to bid and FAA consent is being sought. The larger versions will be called "Blimp Beams". Awesome on 160M!