

Anchorage Amateur Radio Club



**General Meeting
March 2nd, 2012
7:00 PM Carr-Gottstein Bldg.**



**Sam Hutchinson & Karl Edwards
Division of Homeland Security and Emergency Management
Individual, State and Community Roles and Responsibilities
in Disaster Response.**

News and Notes:

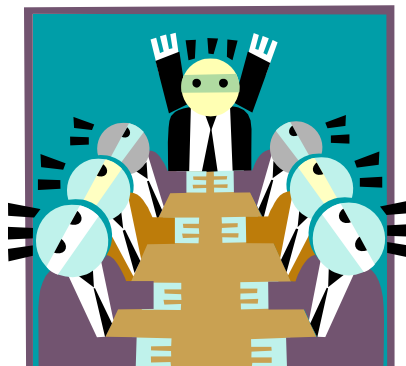
Note the following changes in committee meeting dates:

The Finance committee will be meeting at the Hamshack at 7:00PM on the Monday in the week preceding the AARC Board meeting.

The Project committee will be meeting at the Hamshack at 7:00PM on the Tuesday in the week preceding the AARC Board meeting.

Reminder: The AARC Board meeting is at Hope Cottage at 7:00PM on the third Tuesday of the month.

Working session at the Hamshack every Wednesday at 7:00PM.



ARES and the SEOC – An Update

The past month has been good for ARES (Amateur Radio Emergency Services) here in Alaska. For many years there was no convenient way to get ham radio message traffic into the SEOC (State Emergency Operations Center) at the Army National Guard Armory on Fort Richardson. Over the past three years there has been an effort to inform the State Emergency Managers and City managers of the availability and benefits of planning for amateur radio in their thought processes and hopefully into their planning documents.

While there are many details concerning our Alaska ARES improvements and growth over the years, this write-up is limited to the most recent developments at the SEOC.

The State of Alaska just completed their major Emergency Exercise called Alaska Shield 2012. This exercise for the first time planned for a short (2-4 hours) all-communications outage in the outlying communities. It did not include an outage at the SEOC which would have more fully utilized amateur radio but ARES managers were pleased to have the State finally begin to work ham radio into the exercise. Even without the SEOC actively playing with a communications outage, ARES volunteers were able to move message traffic over the airwaves from outlying areas into the main hub station at KL7JFT run by Don Bush. Other hams were very helpful in relaying traffic as needed. These relay stations play a vital role in the success of ham radio in keeping the traffic moving.

Propagation was a challenge on HF but in general, most traffic was passed either by VHF or HF voice or by HF Pactor. At the hub station, traffic was entered into the internet and passed into the SEOC. While many small details still need to be enhanced, corrected or improved, the progress was satisfying.

The improvements at the SEOC

In the 10 days prior to the exercise, a major push to install ham radio in the SEOC took precedence. In prior planning and technical conversations with the Chief of Operations at the State, the equipment needed was defined and the State purchased what was needed. The equipment installed or set in place was as follows:

- Kenwood TS-450S HF Transceiver (100 watt) and Power Supply
- MFJ 1500 watt autotuner
- Ameritron ALS-600 – 600 watt amplifier
- SCS PTC-IIUSB Pactor III modem
- Laptop and Printer
- Kenwood D-710 VHF/UHF transceiver

THE AARC ANTENNA



AL4S – Rich Gillin (shown) and KL7YK – Ron Keech – tech support for Pactor (HF and Pactor Operator Position)

Much of the effort was involved with figuring out how to get antennas to this equipment. While, the “ham shack” is in the area of the SEOC, it is in a screen room (Faraday room- http://en.wikipedia.org/wiki/Faraday_cage). When we started we had no information on what antennas were going to be possible. We also did not know how we were going to run feedlines. On top of that, a National Guard edict denied us the permissions to put antennas on the building.

In mid-January, Greg Eubank, KL7EV, was hired by the State as the Electronic Technician. Working with Greg and with Bryan Fisher, the Chief of Operation, and after much effort we finally had our antennas. Both antennas ended up a surprise.



Rich Gillan - AL4S and Greg Eubank – KL7EV at VHF/UHF position

The HF antenna ended up being the monster Log Periodic antenna that you can see as you drive north on the Glenn Highway. Much to our surprise, it was not being used and we were told we could use it. It is facing east and made a very good antenna for the Pactor signals to reach Petaluma CA and on into the internet. The co-ax feed for this antenna is an approximately 1400 foot run of 1 ½ inch heliax.

THE AARC ANTENNA



Log Periodic antennas off the Glenn Highway

The VHF/UHF antenna ended up being an already installed antenna on the tower in back of the Armory. It, too, was unused. The SWR was checked and now ARES has the highest antenna on the tower. Again, this was a big surprise.

While ARES in the SEOC was not directly tasked in this exercise, the exercise provided the driving force to get equipment installed.

After all of this, the main thing we need now is more ARES volunteers. We need people willing to step forward for their communities and commit to training, equipment setup and practice.

If you have any questions about the SEOC setup or about ARES please feel free to contact me at AL7FS@ARRL.org.



Jim Larsen – AL7FS at VHF/UHF position

73, Jim Larsen, AL7FS
ARRL Section Manager - Alaska

Anchorage Amateur Radio Club – Technician Class

During perhaps part of the worst part of winter, Michael O'Keefe, KL7MD, at the request of the Anchorage Police Department, held an Amateur Radio Technician class using the Gordon West Technician Book.

The first night sixteen people showed up. A couple of the students were from the community, several were dispatcher's with APD and the remainder were officers.

Instructor's for the class were; Michael O'Keefe, KL7MD, Kathleen O'Keefe, KL7KO Lara Baker, AL2R and Roy Sursa, KL2GV. A special guest was Craig Bledsoe, KL4E who gave a wonderful satellite, packet and digital presentation.



Books were given to the officers while students from the general public purchased books. Even the officers purchased General and Amateur Extra Gordon West books to enable them to study further on their own and increase the frequency spectrum they would be able to use.

Syllabus's were handed out to everyone in attendance. Also handed out was a variety of material covering band plans as well as other information about Amateur Radio and the local repeater's available as well as repeater coverage area.

Michael O'Keefe, KL7MD told the class that we would have a couple of "Death by PowerPoint" presentations. The presentations were well received and more handouts were given to the class. We covered them with paperwork, charts and basic information about amateur radio.

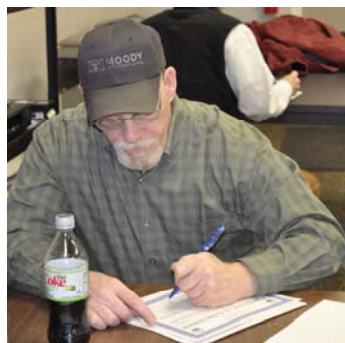
Michael O'Keefe, KL7MD, Lara Baker, AL2R and Craig Bledsoe, KL4E brought in equipment to show the class what was available and discussed the different methods of communication open to the amateur community.

Classes were held Monday and Thursday from 6pm to 10 pm for three weeks. The third Thursday the VE's showed up to test the student's knowledge. Two of the class

THE AARC ANTENNA

members rose from Technician to General and Amateur Extra. The two who passed beyond Technician were; John K Harju, KL3KZ who passed his General Test and Justin Doll, KL3LA who passed his Technician and General at a regular testing session and went on to pass his Amateur Extra exam the evening of the special testing session.

Thanks to the VE's, Eric McIntosh, KL2FM, Randy Vallee, KL7Z, Jim Larsen, AL7FS, Rich Gillin, AL4S and Doug Stowers, WL7CDC, a successful special testing session .was completed at the APDEA Union Hall.



Respectfully Submitted
Kathleen O'Keefe, KL7KO



And a note of thanks from Craig Bledsoe to his participants:

This is a brief follow-up message and grateful thank-you note to everyone who participated last Thursday night, February 16th, in the SO-50 passes that we worked from the Anchorage Police Department Union Hall parking lot. All of the stations mentioned below were heard and/or worked by KL7XJ or KL4E on SO-50 on the listed passes during the course of this exercise.

Specifically, we wanted to acknowledge the following satellite stations in chronological order: Dale - KL7XJ, Eric - N6SPP, Dan - KL7DR, Tom - KA6SIP, Sawson - KG6NUB, Bob - W7LRD, Brandon - K7BBR, Robert - NH7WN, and Craig - KL4E.



THE AARC ANTENNA



We worked three SO-50 passes in all, and the big catch on the last one was hearing a portable station from the top of Diamond Head for about 30 seconds. We were in the APD union hall parking lot and I was drilling through a snow bank and an apartment building to make the contact!

The many Anchorage Police Department officers and dispatchers who are taking this class were very appreciative of the fact that you all turned out - at a very late hour in some time zones - to provide the thrilling experience of working live handheld satellite DX from a snow and ice-covered parking lot in metropolitan Anchorage, Alaska. Several officers came up to me after the last pass was over and said that the night's satellite contact demonstration was one of the most memorable communications events that they had ever experienced.

Again, we are very thankful for your time and effort to make this APD Amateur Radio class such a significant success.



THE AARC ANTENNA

MARA Trailer rebuild: Follow through the pictures to see the birth of the new MARA trailer:



Thanks to Tom Rutigliano for these pictures. And congratulations to MARA for making so much progress in the trailer rebuild.

The Girl Scouts are looking for Women who work in fields of Science, Technology, Engineering or Math:

Girl Scouts of Alaska is excited to once again be offering Women of Science & Technology Day to girls across Alaska. The Mat-Su Women of Science will be on Saturday, March 31st

Women of Science gives school-aged girls a chance to discover the fun of science and connect with women who work in STEM fields, through hands-on workshops led by women working in these fields. This event, sponsored by BP and the University of Alaska, will be our 20th year of holding *Women of Science* events in the state, and we're proud to say the program is growing and has become Girl Scouts of Alaska's signature event!

We need you!

Do you

- ✓ Like science, technology, engineering and/or math?
- ✓ Enjoy interacting with kids?
- ✓ Want a chance to encourage girls in STEM fields?

Then we have a job for you. This is a one day (or half-day) commitment. We have workshop ideas for those who need them. Bring a colleague and come have fun with science!

The key to making this event a success is active, hands-on participation for the girls. We want workshops that give *every* girl a chance to participate, and to experience something new. We want girls to get their hands dirty, meet women that are passionate about science, and be exposed to new ideas.

Here's how it works: Girls in grades K-3 participate in morning workshops, and girls in grades 4-8 participate in the afternoon. We provide lunch for all presenters. At the Mat-Su College, we expect approximately 350 girls to attend (workshop sizes of 15-20) and this means we'll need up to 12-15 presenters (or presenting teams). By signing up to be a presenter, you'll be one of over 75 women helping out that day to encourage girls in the sciences!

Women of Science & Technology Day is not just about biology and chemistry; it encompasses many fields, including engineering, architecture, aviation, oil exploration, construction, photography, ecology, archaeology, computer science, medical fields including physical therapy, and more. Not sure if your idea is "sciency enough?" Give us a call!

THE AARC ANTENNA

Dates:

► Wasilla: Saturday, March 31, 2012 at Mat-Su College

Morning sessions K-3rd grade (3 groups – 30 min each group) 10:00 am – 12 noon

Afternoon sessions 4th – 12th grade (3 groups – 45 min each group) 1:00 -4:00pm

Lunch is provided from 12 noon to 1:00 pm.

You may choose to do the morning sessions, the afternoon sessions or both!

Thank you,

Julie Alexander

For an application form and/or further information, contact Julie Alexander at jalexander@girlscoutsalaska.org.

Payroll Tax Bill Includes Provision for Amateur Radio Study:

from The ARRL Letter on February 23, 2012

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

[Add a comment about this article!](#)

Payroll Tax Bill Includes Provision for Amateur Radio Study:

A bill that passed both the House and the Senate on February 17 -- and signed into law by President Obama on Wednesday, February 22 -- includes a provision for a study of the uses and capabilities of Amateur Radio Service communications in emergencies and disaster relief.

Section 6414 of the Middle Class Tax Relief and Job Creation Act of 2012 mandates the completion of the study, with a report of the findings to the House Committee on Energy and Commerce and the Senate Committee on Commerce, Science, and Transportation. This study would "use the expertise of stakeholder entities and organizations" to recommend how to best use radio amateurs in emergency communications and disaster relief efforts, and how to best utilize the Amateur Radio Service in coordination with the federal government in these efforts. In addition, the study would also discuss the effects of unreasonable or unnecessary private land use restrictions on residential antenna installations and recommend ways to remove such impediments.

The bill passed in the House by a vote of 293-132. In the Senate, it passed by a 60-36 vote. Read more here <http://www.arrl.org/news/payroll-tax-bill-includes-provision-for-amateur-radio-study>.

Source:

The ARRL Letter

THE AARC ANTENNA

This article is being repeated — the event will take place in March

Research Effort in Barrow Info: From Craig Bledsoe — KL4E

We will be floating a buoy equipped with an APRS transponder from Barrow, Alaska in March.

Any hams up there to listen to it directly before the ice melts?

Then after it begins to drift, we will need AMSAT hams anywhere in Alaska to capture any packets on 145.825 via ISS. The ISS gets to 1.5 degrees elevation once a day up there.

Can you please pass this along?

Bob Bruniga, WB4APR
E-Mail: wb4apr@amsat.org
U.S. Naval Academy
Satellite Laboratory



More from Bob Bruniga:

ISS only gets to 1.5 degree above the Horizon in Barrow.

Plan B will be to receive the Buoy directly in Barrow on 145.825 and establish an IGate there. We are purchasing a 2m radio and TNC for that station if the local ham will volunteer to hook it up.

But I just learned that the buoy will be placed on the ice by a helo about 30 miles out on the ice. This will take an antenna in Barrow of 160' above sea level or more. I doubt there is any such ham antenna on any existing tower. But since I have ZERO knowledge of the topology up there, are there any 160 foot hills nearby? For some reason I'm thinking it is quite flat up there? But if there is a hill, a drive-up with a mobile will hear the buoy fine. We only need a status report every few weeks.

Plan C. In any case, this is a NASA project and they will be doing occasional aircraft overflights of the area. All we need on board that aircraft is a Kenwood TH-D72 HT acting like a digipeater. And then whenever the aircraft is in flight, the Barrow station will hear the digipeated packets. He will also see the position of the Aircraft on APRS since it will have the TH-D72 with built-in APRS GPS.

Plan D. Fortunately, PCSAT-1 overflies the area 5 times a day listening on 145.825. Unfortunately, the Buoy is set to digi via the ISS and will not digi via PCSAT-1 unless the PCSAT-1 is commanded to match the ISS alias of ARISS. This is a fundamental design of PCSAT, but when we set the ARISS digipeater alias, it only lasts until the next eclipse 30 minutes later, and so this command will have to be sent from Hawaii on EVERY pass where we want to check on the health of the Buoy. So we also need to train a Hawaii command station.

PLAN-E. Any ham flying into or out of Barrow with an APRS HT held to the window of the aircraft (with permission of the pilot) will be able to capture packets from the Buoy and can report when he gets on the ground. So all hams flying to Barrow, bring your APRS HT!

Editor's Note. There is much e-mail traffic on this. Check with Craig Bledsoe, KL4E, ak-prepared.com or Bob Bruniga, WB4APR, wb4apr@amsat.org to join in.

An-

THE AARC ANTENNA



ANCHORAGE AMATEUR RADIO CLUB

BOARD MEETING MINUTES

January 17, 2011

Approved Minutes



Board Members Present –Paul Spatzek, WL7BF, TJ Sheffield, KL7TS, Lara Baker, AL2R, Rich Gillin, AL4S,, Doug Stowers, WL7CDC, Michael O’Keefe, KL7MD, Tom Rutigliano, NL7TZ, Mike Baker, WL7J, Kathleen O’Keefe, KL7KO, Tom Ireland, KL3IJ, Eric McIntosh, KL2FM and Jim Larsen, AL7FS.

Guests Present –Alice Baker, KL2GD, Fred Erickson, KL7FE, Keith Clark, KL7MM.

Board Members Present via teleconference –none

Board Members Excused –Randy Vallee, KL7Z, Susan Woods, NL7NN,. Jim Wiley, KL7CC.

Board Members unexcused: No board members were absent without an excuse.

The Board Meeting was called to order by Vice President, Paul Spatzek, WL7BF, at 7:00 PM. A quorum was established.

Additions to the Agenda – A change to the agenda in the form of a correction regarding Program for (blank) meeting

Deletions to the Agenda – None

Alice Baker, KL2GD asked for help again with the newsletter.

Reports:

Secretary - Kathleen O’Keefe, KL7KO – The General Meeting minutes were reviewed first. There were no corrections. The Board Meeting minutes were reviewed and several corrections were made. A motion was made to accept the minutes as modified by Lara Baker, AL2R and seconded by Tom Rutigliano, NL7TZ. Motion carried unanimously.

Treasurer – Ken Perry, AL7GA – Ken Perry was excused. The report was given by TJ Sheffield, KL7TS. There were questions regarding the balance sheet. Keith Clark, KL7MM please note figures under checking account that what is being shown

THE AARC ANTENNA

was an accounting glitch. No checks were bounced as the checking account is not showing a negative amount. Lara Baker, AL2R also made comments regarding Financial Sheets. No motion was asked for and no votes were taken.

VEC Program – Jim Wiley, KL7CC – Jim Wiley, KL7CC was not available

Trustee – Keith Clark, KL7MM – Keith, KL7MM, gave no report.

Membership – Fred Erickson, KL7FE – The question about free memberships came up. Michael O'Keefe, KL7MD gave the history of how that came about. The board and club wanted to do away with that. There is \$251.00 in Life Membership fees and the Treasurer has advised it be deposited in the General Account.

Projects Committee – TJ Sheffield, KL7TS – A detailed report was given. The Section Manager stopped by Field Day and recommended improving the Pactor 1 to Pactor 3. TJ Sheffield, KL7TS is recommending Pactor 4 to be purchased. There are some conflicts and the Pactor 4 can be set to operate at the Pactor 3 level until FCC approvals are made. With the Pactor 4 and supporting equipment and shipping this project needs \$2300.00 be approved by the Board of Directors. Discussion followed. Reasons were given for why the Pactor 4 modem Blue Tooth enabled with cables and shipping should be purchased. More questions were asked regarding discounts etc. Discussion about how many to purchase and the final decision are to purchase only one at this time. More discussion followed with comments from Mike Baker, NL7J and Rich Gillin, AL4S. Jim Larsen, AL7FS made the motion to approve \$2,300.00 for the purchase of the equipment. Lara Baker, AL2R made a friendly amendment to \$2,400.00. Lara Baker, AL2R then seconded the motion. Motion passed unanimously.. Project Number is 2012-001.

Finance Committee – Keith Clark, KL7MM – A written report was available. The meeting nights will change to 7pm the Monday before the board meetings. A report was received by APU but the Finance Committee would like a more clear understanding of the endowment has been asked for. Is Raffle Ticket money considered gaming income. Discussion followed. It is different from what is received from Boniface Bingo. Discussion was brought up about the Life Membership and Building account. This was a recommendation from the board from eleven (11) years ago. Discussion followed. Ken Perry, AL7GA, and Keith Clark, KL7MM, hope to talk with the Smith Barney and review the accounts to find out if we are tracking funds the way they should be. Meetings change to either Monday or Wednesday at 7pm prior to the board meeting. Lara Baker, AL2R made a motion the board is open-minded about investments. Discussion followed. Lara Baker, AL2R withdrew the motion.

By-Laws – Michael O'Keefe, KL7MD – This is to be tabled until after the President becomes available for a special meeting.

THE AARC ANTENNA

ARES – Michael O’Keefe, KL7MD – Ready Rapid Deployment should be practiced come summer. We should practice to get the time to no more than thirty minutes. Discussion regarding the pickup truck and keeping it cleaned and running was covered.

Old Business

Title 21 – TJ Sheffield, KL7TS – No changes at this time that affect Amateur Radio. Amateur Radio Towers are still safe.

New Business

Schedule use of Club House for events or other uses – Kathleen O’Keefe, KL7KO; discussion was made regarding different people using the club house for functions other than contesting. Rich Gillin, AL4S added comments regarding the increase of club house usage.

Ham Fest – Tom Ireland, KL3IJ, kicking around a couple ideas and with no budget set perhaps other clubs would combine the event. Discussion followed and information was given as to which clubs may or may not offer to share the event. Perhaps a garage yard sale would work instead of a Ham Fest. Keith Clark, KL7MM suggested using the club house since Ham Fests are getting smaller. This would showcase the club house as well as getting people together. Tom Rutigliano, NL7TZ, recommended sending MARA a letter asking if they would be interested in combining events. More discussion followed.

Program for February meeting – Tom Ireland, KL3IJ; Alice Baker has the information about the speaker but it is AL7LO about sailing and amateur radio. Maybe a future meeting could be programming radios for Amateur Radio Operators and show some of the new “Hams” what is available in the market place.

Approvals for KL7AA – Keith Clark, KL7MM – There are none pending at this time. The station was used for a RTTY Roundup. There were 462 QSOs with four or five operators.

Discussion followed not on the agenda concerning pamphlets for information to be handed out at testing sessions. A suggestion to move the testing session came up and it was shot down.

Michael O’Keefe, KL7MD, made the announcement that there will be a Technician Class for APD hopefully at BP. Dates have not been set but the information will be made available when known.

THE AARC ANTENNA

Lara Baker, AL2R, made the motion to adjourn. Michael O'Keefe, KL7MD, seconded the motion. Motion passed unanimously.

Meeting adjourned at 8:04 pm.

Respectfully submitted by:
Kathleen R O'Keefe KL7KO, AARC Secretary



ANCHORAGE AMATEUR RADIO CLUB
General Member Meeting
APU Campus – Carr Gottstein Building
February 3, 2012
Approved Minutes



Meeting was called to order by the club Secretary,
Kathleen R O'Keefe, KL7KO at 7:02 pm.

There were twenty-two members and guests at the meeting.

There were three items of business to take care of.

First up was to get the Budget approved by the membership. A vote was taken and the majority approved the budget; there was one person who abstained from voting.

Funds given to Hope Community Resource in the amount of \$7,000.00 and funds for the Scholarship Endowment at APU for the same amount was put before the membership. Votes for approval were taken individually and the majority approved the spending of the funds be approved. In both instances of the vote one member abstained.

Presentation

The presentation for the evening was Dave, AL7LO. He gave a slide show presentation about amateur radio and sailing vessels. His family journeyed by sail boat for several months and used amateur communications during their journey.

Dave described installation, communication on HF, UHF/VHF and marine radio.

Announcements:

Michael O'Keefe, KL7MD, update on Alaska Shield

A single door prize was given out at the meeting. The door prize was a mobile amateur radio and was won by George KL1JJ.

Meeting adjourned at 9:20 pm.

Respectfully submitted by
Kathleen O'Keefe, KL7KO, AARC Secretary

THE AARC ANTENNA

People to Help You!! 2012 Officers & Board of Directors

Officers

President	Randy Vallee	KL7Z	president@kl7aa.net
Vice President	Paul Spatzek	WL7BF	vicepresident@kl7aa.net
Secretary	Kathleen O'Keefe	KL7KO	secretary@kl7aa.net
Treasurer	Ken Perry	AL7GA	treasurer@kl7aa.net
Activities	Tom Ireland	KL7IJ	Tom.ireland67@gmail.com

Three Year Board of Direc- tors

3rd Year	Tom Rutigliano	NL7TZ	nl7tz@arrl.net
2nd Year	Eric McIntosh	KL2FM	kl2fm@arrl.net
1st Year	Lara Baker	AL2R	lara_baker@ieee.org

One year Board of Directors

Mike Baker	NL7J	kl0ar@yahoo.com
Rich Gillin	AL4S	richgillin@hotmail.com
Jim Larsen	AL7FS	jim7@jimlarsen.us
Michael O'Keefe	KL7MD	mok@gci.net
TJ Sheffield	KL7TS	kl7ts@arrl.net
Doug Stowers	WL7CDC	doug37@gci.net
Jim Wiley	KL7CC	jwiley@alaska.net
Susan Woods	NL7NN	radiosuzq@yahoo.com

Other Contacts

Trustee	Keith Clark	KL7MM	trustee@kl7aa.net
Membership	Fred Erickson	KL7FE	membership@kl7aa.net
Newsletter Editor	Alice Baker	KL2GD	editor@kl7aa.net
Web Master	Roy Sursa	KL2GV	webmaster@kl7aa.net



Regular Committee Meetings:

By-Laws Committee: Contact Mike O'Keefe, KL7MD, mok@gci.net for info.

Finance Committee: Monday of week before Board meeting, 7:00PM at Hamshack.
Contact Keith Clark, KL7MM, trustee@KL7aa.net for info.

Projects Committee: Tuesday of week before Board meeting, 7:00PM at HamShack
Contact TJ Sheffield, KL7TS, kl7ts@arri.net for info.

VEC Testing: Testing on 1st Tuesday and 2nd Saturday each month.
Contact Jim Wiley, KL&CC, jwiley@alaska.net for info.

VHF: As needed (usually with a repeater in trouble and needing "aid").
Contact Doug Dickinson, KL7IKX, kl7ikx@yahoo.com.

For Sale



If you have equipment that you want to have listed for sale, please notify the editor at editor@KL7AA.net before the 20th of the month. Thanks for your help.

Items advertised will have a "date of first appearance" added — and they will be deleted after two months appearance on the newsletter unless we are otherwise notified.

Ken Perry, AL7GA, Treasurer, will be taking orders for club badges and hanging tags. If anyone wants one, or one of the hanging bars (President, Board Member, Volunteer Examiner, etc.) the costs are \$15.00 for the badges and \$5.00 for the bars. Orders should be sent to treasure@kl7aa.net.



Upcoming Events



No Special Events this month that the editor knows about!!!!

Who Do I Contact to Join AARC?

Fred Erickson KL7FE
12531 Alpine Dr
Anchorage, AK 99516-3121
E-mail: membership@kl7aa.net
Phone Number: 345-2181
Annual Dues are \$12 (prorated as appropriate)
Additional Member in same household is \$6.
Full Time Student is no charge.

Have you considered a Life Membership?

Life \$250.00

Senior >65	\$200.00
>70	\$150.00
>75	\$100.00
>80	\$50.00
>85	\$1.00

THE AARC ANTENNA

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



ARES DISTRICT 7 & 5
KL7AA & KL7JFU
www.aresalaska.org



March 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2 AARC General Mtg 7:00PM	3
4	5	6 VE Testing 6:30PM	7	8	9	10 VE Testing 2:00PM
11	12 Finance Com. 7PM	13 Projects Comm. 7:00PM EARS Genl. Mtg	14	15	16	17
18	19	20 AARC Board Meeting 7 PM	21 Mara Board Meeting 7 PM	22	23	24
25	26	27	28	29	30	31 Mara Meeting 12 Noon

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
or 443.30+ PL 103.5

MONTHLY EVENTS

1st Friday each month: AARC general meeting - 7:00 PM in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.27+ 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 - 7:30 PM

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

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

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

2nd Saturday each month (except for holidays):

VE License Exams at 2:00 PM. at Hope Cottage 540 W. International. Be sure to bring photo ID, copy of license (if any) and any certificates of completion. Contact: Jim Wiley, KL7CC 338-0662.

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

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

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

The last Saturday each month: MARA meeting at 12 Noon, 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.

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

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

THE AARC ANTENNA

AARC web page & Email contact addresses:

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

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

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

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

Internet Links, the favorites from our readers:

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

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.

HF RMS's

- Anchorage VHF ARES RMS WL7CVG- 10 144.9 (Elmendorf Moraine)
- Anchorage HF ARES RMS WL7CVG (multi-band scanning see WWW.WINLINK.ORG for frequencies)
- Palmer (MATSU) VHF RMS KL7JFT- 10 145.19
- Fairbanks VHF RMS KL7EDK- 10 147.96
- Fairbanks HF RMS KL7EDK (multi-band scanning see WWW.WINLINK.ORG for frequencies)
- South Central Digipeater WL7CVG- 4 144.9 (Knik)

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
- **South Central Simplex Net:** 146.52 FM, 144.2 USB, 446.0 FM, 432.2 USB, 223.5 FM, 927.5 FM, 1294.5 FM, 52.525 FM, 50,125 USB, 29.6 FDM, 28.4 USB, 145.01 packet (Eagle node) and 147.96 packet (Valley node).
Tuesdays 8:00 PM local
- **Alaska VHF Up Net:** 144.200 USB Saturdays 9:00 AM local
- **Statewide LINK Net:** 145.15(-) PL 123.0Hz; Sundays 8PM local
- **Alaska Morning Net:** 145.15(-) PL123.0Hz; Daily at 9:00 AM

HF

- **Alaska Sniper's Net:** 3.920 MHz 6:00 PM daily
- **Alaska Bush Net:** 7.093 MHz 8:00 PM daily
- **Alaska Motley Net:** 3.933 MHz 9:00 PM daily
- **ACWN (Alaska CW Net):** 3540 kHz, 7042 kHz, 14050 kHz Non-directed, CW calling and traffic watch for relaying NTS of other written traffic. AL7N monitors continuously. Receivers always on WL2K. (RMS connection available (AL7N@winlick.org))
- **Alaska Pacific Net:** 14.292 MHz 8:30 AM M-F
- **ERC HF Net:** 3.880 MHz—Sunday 8:30PM

ANNOUNCEMENT:

AL7N is the Alaska Section Traffic Manager. Ed is looking for Code operators for passing formal NTS traffic throughout Alaska on the AK CW Net. For more information please contact: AL7N@arrl.net.

THE AARC ANTENNA



Data You Can Use:

Frequency	Tone	Call Sign	Features	Area
147.18 -	88.5	ADES		Ft. Richardson
146.88 -	no tone	AL7LE	Phone patch	Kenai Soldotna
146.82-	103.5	WL7CWE	IRLP	Anchorage
146.76 -	123.0	KL3K	IRLP	Seward
146.94 -	103.5	KL7AA	Phone patch	Anchorage to Wasilla
224.94 -	no tone	KL7AA		Anchorage
444.70 +	103.5	KL7AA	Phone Patch	Anchorage
146.67 -	103.5	KL7AIR	MARS Station	Anchorage & Highway North
147.30 +	141.3	KL7ION		Very Wide Area
146.85 -	no tone	KL7JFU		Mat Valley
146.91 -	no tone	KL7JL		Homer
147.15 +	107.2	KL5E	Phone patch	Eagle River & Chugiak
147.33 +	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

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

THE AARC ANTENNA



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



Are you an
ARRL Member...
Life Member?

www.arrl.org/benefits

Are you a member of ARRL?

ARRL is the American Radio Relay League. This is the national organization that advocates on behalf of amateur radio operators to the FCC and the communications industry. Consider be-

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



KL7AA Mail Reflector

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

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

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

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

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

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

Step #6: Follow the directions.

THE AARC ANTENNA

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

Mission statement:

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

www.ares.org

Emergency
Management
Institute



FEMA

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

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

ARES NETS:

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

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

"Alaska ARES and the Alaska Native Medical Center have in joint effort stood up a HF Remote Messaging System (HF RMS) in Anchorage. This system provides HF Radio Email Service to the area. In an emergency this system will provide digital email capabilities if we lose the Internet. It is designed to accept connections from Amateur Operators who are using either PacLink or Airmail software and a Pactor 1-3 capable Terminal Mode Controller (TNC). If the Internet is lost to the area the RMS will forward messages to another RMS over HF Radio. Being HF Radio based, the coverage area is quite large. While it is intended for intra-Alaska use we have stations from as far away as Arizona using the HF RMS to pass email traffic to the internet on occasions.

ARES also hosts a VHF RMS which provides Radio to Email service on VHF Radio in the Anchorage area.

The WL7CVG RMS's frequency listings, etc. can be found on www.Winlink.Org . "

THE AARC ANTENNA

KL7AA HAMSHACK

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

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

Notice: Any AARC sponsored repeater, with or without an auto-patch, will always be open to all licensed amateur radio operators in the area who are authorized to operate on those frequencies. **IRLP is not authorized on KL7AA repeaters except for special events as approved by the board and trustee.**

THE AARC ANTENNA is the monthly newsletter of the Anchorage Amateur Radio Club, published by and for its members. The entire contents of this newsletter are copyrighted 2011 by the Anchorage Amateur Radio Club.

Permission is hereby granted to any not for profit Amateur Radio Publication to reprint any portion of this newsletter provided that both the author and Anchor-

Newsletter Submissions, Information or Corrections:

All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by mail, computer disk or E-mail to the newsletter editor at the address listed below. Submissions must be in the hands of the editor **no later than the 10 days prior** to the meeting. Email: [editor at kl7aa.net](mailto:editor@kl7aa.net)

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

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

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

Thanks for your help in this.