Anchorage Amateur Radio Club

January 2011 General Meeting, January 7th.
7:00 PM Carr-Gottstein Bldg., APU Campus

Don Bush — WinLink & WinMor

Don will be covering how they work, what programs we will use and how to install the programs and configure, and give a demonstration on a portable system, if we can hit it from a handheld there at the college .

Winlink 2000 (WL2K)

Winlink 2000 (WL2K) is a worldwide **system** of volunteer resources supporting e-mail by radio, with non-commercial links to internet e-mail. These resources come from Amateur Radio, the Military Auxiliary Radio System (MARS), and other volunteer organizations. The system provides valuable service to emergency communicators, and to licensed radio operators without access to the internet. The all-volunteer Winlink Development Team (WDT) is committed to continuous improvement using modern computer and networking technology with the most efficient and effective radio modes and digital protocols for local, regional and long-distance applications.
You must hold an Amateur Radio license or be a member of a supported organization or agency to use the Winlink 2000 system. Usage and software is free for all who qualify.
Winlink 2000 is an all-volunteer, non-profit project of the Amateur Radio Safety Foundation, Inc. (ARSFI). It functions only through the unselfish efforts of hundreds of Amateur Radio operators around the world, your membership in ARSFI, and your donations.

WINMOR stands for **WIN**link **M**essage **O**ver **R**adio and is a new HF radio transmission protocol by Rick Muething, KN6KB, of the Winlink Development Team. WINMOR was introduced at the 2008 ARRL / TAPR Digital Communications Conference in Chicago on September 26-28, 2008. Unlike PACTOR, only a simple computer soundcard-to-radio interface is required, and it runs as a "virtual TNC" (the WINMOR TNC application) together with host software. The protocol (not the software) is fully documented as an API and is without restrictions or license issues preventing anyone from implementing the protocol in other software.

Users may employ either WINMOR or Pactor to transfer mail in the WL2K system, depending on their equipment. While WINMOR may not equal P2 and P3 in total performance, it provides a cost-effective means of using the system, and is more robust and faster than P1. WINMOR is attractive to EmComm users who have trouble justifying the high cost and low utilization of a P2 and P3 modem.

AARC Club History
Reprinted from the AARC WebSite

(Just for remembrance)

The Anchorage Amateur Radio Club, KL7AA was organized in 1947. The first meeting was held at the Fourth Avenue Theater.

The first president was Dave Fulton, KL7AGU.

Among those present were:

Founding Members

Charles Sappah, KL7PJ
Glen Jefferson, KL7NT
Jack Walden, KL7BK
Augie Hiebert, KL7PQ
Harold Hitchins, KL7PG
Charley Wier, KL7HG
Carl Meeks, KL7SX
Vern Huffman, KL7SU
Woody Welling, KL7MS
Pappy Moore, KL7CP
Jack Edwards, KL7ABT
Dave Fulton, KL7AGU

By 1950, the club moved to the KENI transmitter site. The meetings were held in the basement and the wives had a social meeting upstairs. The club station, KL7AA, was set up at this time, using a transmitter build by Jack Waldron and a long wire antenna. The club owned a code machine and a tape puncher, and code practice was run every night on 80 meters by club members. Around 40 people throughout the state listened fairly regularly. Many wives of members got tickets at this time and joined the club.

In 1953, a few meetings were held at Yukon Radio on 7th & I Street. When the Loussac Library was built, the meeting place moved to the city council chambers in the basement. During this time, the Northern Alaska Emergency net was organized and met nightly on 3982. Around 30-40 people checked in regularly. This net provided essential communications to people living in the bush. Stations in town copied grocery lists and phoned them to local stores, made plane and hotel reservations and relayed messages to and from the Lower 48 and the bush.

In 1955, the club acquired a bus. Every other seat was removed, tables installed and several stations set up. A generator was installed for power and antennas could be set up on top of the bus. In 1956 or 1957, a travel trailer was also acquired and similarly equipped. Charles Sappah was the Civil Defense head of communications at this time, and he supplied a Hallicrafters HT20 with receivers for the bus. He signed up hams for Civil Defense and supplied them with Gorset communi-

cators. Of course, all of this equipment was used at hamfests and Field Days, but it proved invaluable during the earthquake.

A 2M net was organized around 1956 and met nightly in the fifties and weekly during the sixties. This was a Civil Defense / ham project. The control station was in the basement of the telephone utility building, and club members took turns acting as net control.

The Anchorage Radio Club's participation in the Fur Rendezvous races began around 1958 and is still continuing. Stations were set up to take traffic for the states as well as man the checkpoints in the race. A large board showing the route of the race is set up on Fourth Avenue so spectators can see the positions of the racers.

KL7AA HAM RADIO CLUB 1961

1964 Earthquake:

The amateur radio operators of Anchorage and throughout Alaska were the only communications out of Alaska.

All public systems had failed. Due to their being able to provide this service, a proclamation was made by Mayor Shrock, honoring amateur radio operators for their service. A governor proclamation and state laws were passed to support amateur radio operators for their service to the community during this time of emergency.

In 1973, members of the VHF committee set up a 34-94 repeater at Del Wolfington's house and put the antennas on his tower. This machine was a "junkbox special" and surprised everyone by working. In 1974, a 22-82 repeater was set up at Stuckagain Heights. This has become the Anchorage link of the Anchorage-Minchumina-McKinley-Fairbanks repeater link. With this set-up, a 2M mobile station can contact another 2M station in Fairbanks with no special equipment other than a handheld transceiver.

1984: Volunteer Examiner Program

In 1979, Wilse Morgan, KL7CQ wrote a letter on behalf of AARC to the FCC to become the first Volunteer Examiner in the country in 1983. He made a proposal to the FCC for the Volunteer Examiner program.

Wilse was the first ceritified VE in the country, and on April 14, 1984, AARC was approved as the first VEC Coordinator program in the nation. In 1984, the Anchorage Amateur Radio Club through the leadership of Wilse Morgan, KL7CQ the Federal Communications Commission appointed the Anchorage Amateur Radio Club as its first volunteer examiner coordinator (VEC) in the United States. This program authorized December 1, 1983, allowed examinations for amateur radio operator licenses to be given by volunteer examiners drawn from the private sector. VE accredit volunteers administer the examinations and coordinate the entire program in a specific region. The Anchorage Amateur Radio Club was appointed the VEC for the State of Alaska, FCC Region 11. To day, the AARC VEC still plays an active role in the national NCVEC program through development of the Question pools used on the examinations and the AARC VEC continues to maintain the majority of the VE Examinations offered in Alaska. These programs are offered free of costs to all participating operators. The program has also been trying to prototype an online internet testing program to be available to remote Alaska.

During the cold war, RACES: Radio amateur civil emergency services were a major component in Anchorage and the state for civil defense communications. Today ARES (Amateur Radio Emergency Services) is used to support our local Office of Emergency Management.

We are a major component and support service in both the City of Anchorage Emergency Plan and the State of Alaska Emergency Plan.

Over time the Anchorage club and amateur radio operators through out the state have continued to provide emergency communications when public systems fail and for public service events.

Here in Anchorage, we have supported Hope Cottages now known as Hope Community Resources for over 35 years both with the Walk for Hope and general charity donations.

The Anchorage Amateur Radio Club, KL7AA has been an active participant in many **local public service events**. Some of the local activities supported by Amateur Radio include:

Eagle River Classic Sled Dog Race
Fur Rondy Grand Prix
Fur Rondy World Championship Sled Dog Race
Iditarod Sled Dog Race
Walk for Hope
Gold Nugget Triathlon
Mayor's Marathon
Northern Edge Alaska Shield (Disaster Exercises)
Alaska 10K Classic

Ham Radio operators have supported public events in Anchorage for over 70 years. With more than 1000 amateur radio operators throughout the Municipality including Eagle River and Girdwood, ham radio has the ability to provide communication coverage over the entire Anchorage bowl. Each operator has a radio, their own power supply and a general knowledge of emergency communications needed to provide emergency or priority communications traffic compliant with the Federal Response Plan National Traffic System. Amateur Radio is a key component in the State of Alaska Emergency Plan and the Anchorage Emergency Plan. With stations in both State and local Emergency Operations Centers we provide government liaison support when public communication systems fail.

With the use of our **Command and Control Vehicle (CCV)**, ARES has the resources to provide interoperability to all agencies involved in this event. The CCV has multiple modes of communication. Our radios include VHF UHF radios needed to talk to local emergency services, Aviation radios needed to provide air to ground communication, Marine radios to provide communication support to US Coast Guard Auxiliary, Search and Rescue, digital packet communications, satellite operations and at least three HF stations concurrently. The CCV has the ability to be an Incident Command Center or event coordination facility if needed.

ARRL RTTY Round Up, January 8-9, 2011

This event begins 1800Z Saturday, ends 2400Z Sunday (**January 8-9, 2011)**

The first weekend in January is the "digital" Round Up. We will operate as KL7AA Multi-Op, unassisted (we work what we can see/decode) Low power <=100 watts.

All are invited to attend, learn digital modes and operate on the AARC's multi-band, multi-mode station. Wednesday, Jan 5th, 2011, at 7pm will be an orientation prior to the event for those interested.

For information, check out http://www.arrl.org/rtty-roundup and

http://www.arrl.org/files/file/Contest%20Rules%20PDFs/2011/2011%20RTTY%20Rules.pdf

The PODX070 Club's PSKFest happens at the same time so there will be plenty of signals to QSO with.

Contact for more info:
Rich Gillin
AL4S
907.884.1404
rich at gillin dot us

Information about ARES Activities and Training.
From Mike O'Keefe KL7MD:

Every Thursday evening at 2000 hours ARES personnel hold the ARES net on 147.270 MHz. On that same evening at 2030 hours the State Wide ARES net is also held on 145.150 MHz.

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

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

We will then attempt to do Winlink and Winmore training at the CCV on the 2nd Saturday of the month in January.

THE BOY SCOUTS of AMERICA

Signaling Merit Badge

The Anchorage Amateur Radio Club hosted Troop 125 at the KL7AA radio shack as part of the Boy Scouts of America (BSA) merit badge program.

Signaling is one of four "heritage" merit badges, re-issued by the BSA on their 100th anniversary. As one of the original 57 scouting merit badges, it was first issued in 1910 and was a regular part of the merit badge program until discontinued in 1992.

Signaling Merit Badge

The "Radio" merit badge is still part of the BSA program. Signaling was re-issued for year 2010 only, and the scouts from Troop 125 visited our radio lab as part of the heritage program.

A slide show by TJ Sheffield, KL7TS gave some history of Morse code and the telegraph.

Samuel Finley Breese Morse invented the telegraph in 1836, and he needed a "code" to make it useful. In the early days of telegraphy, Morse code did not have the musical tones we associate with amateur radio and CW of today.

In those early days, an electro-mechanical device known as a "sounder" generated

clicks and clacks when a horizontal brass arm was pulled down by electromagnets, triggered through the telegraph line, by a key at one end of the system.
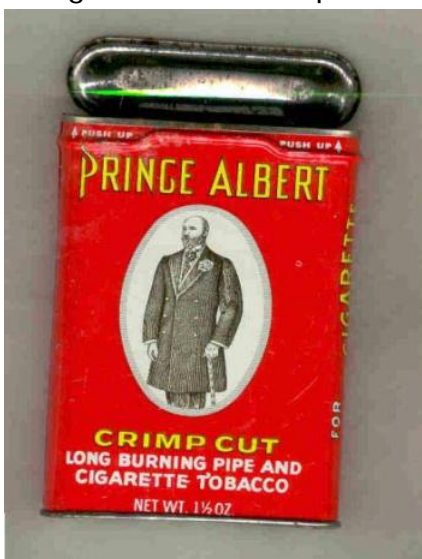

Morse Sounder and Telegraph Key

In a telegraph office with multiple "sounders" active, it was often difficult for an operator to distinguish which clicks and clacks were related to his message.

To improve the clarity of the sound, some operators would place an empty tobacco can on top of the sounder, while the system was operating, and these "tin cans" would rattle and buzz as the horizontal arm moved up and down.

To further distinguish which sounds were his, an operator might fiddle with the opening of the tobacco can, in an attempt to change the quality of the sound emanating from the contraption.

Tobacco Can   **Morse Sounder**

Experienced telegraph operators viewed this approach as a sure sign of a poor operator, and promptly labeled them "LIDS" – an honorific that reflected their fiddling with the top of the tobacco can. This label moved from overland telegraphy to wireless (radio) and continues to this day.

The scouts practiced Morse code using a J-38 straight key for sending, and used computer software (RufzXP) for receive training.

One requirement for the Signaling merit badge is to send and receive Morse code at 35 Letters-Per-Minute (equal to 7 WPM). Old timers will remember the Novice license, and somewhat later, other amateur radio licenses, requiring only a 5 WPM code test.

The scouts enjoyed a tour of the KL7AA radio facility and were shown equipment stored on the mezzanine, the emergency power battery plant, the radio lab and the interior of the CCV.

Adventurous scouts climbed up the roof ladder to the top of the CCV and looked over the VHF and UHF antennas, the HF antenna tuners and the mobile whip.

The highlight of the day was when Rich, AL4S demonstrated digital communications. The scouts and their parents were impressed with the computer waterfall chart and the "print" coming up from various parts of the country.

Troop 125 scouts with Allen (N5XZ), Rich (AL4S) and Eric (N6SSP)

The KL7AA multi-mode, multi-band station in digital mode

Several scouts expressed interest in learning more about amateur radio and the entire troop was invited to attend our 2011 Field Day. Scouting and amateur radio have a long tradition of sponsorship and participation, and perhaps Troop 125 will be back for more?

Submitted by TJ Sheffield

HAM RADIO "HIGHER EDUCATION"

Higher education can move from High School, to University, to Graduate School.

For many of us, our ham radio higher education begins with the Technician License. It's what I call "High School" – we're just getting started, there's a lot to learn, and it can be confusing.

This entry level license allows operation on VHF and UHF frequencies, but there are also HF privileges, using CW on 80m, 40m and 15m, with SSB (voice) permitted on 10m.

The other day, I received an email from some kid – I didn't think much of it, at first – a 2 x 3 call sign, from the East Coast, someone holding KB1TSU, but the subject line was clear:

Looking for AK for SKCC WAS

I could translate that pretty quickly: AK is Alaska, SKCC is the Straight Key Century Club, a group of Morse operators who keep alive the tradition of sending CW using a straight key (the old "pump handle") and WAS is "Worked All States".

I opened the email, and here's what it said:

I am trying for my SKCC WAS while still 13, and hoping you can help. Are you around today for an exchange on 20 (probably the best band, right?) maybe 1900z or after?

Thanks

Jennifer
KB1TSU
SKCC #6512
http://www.bambinomusical.com/KB1TSU/

So here's some kid, just 13 years old, who has passed her General exam and is hunting for CW contacts from all 50 States, using a straight key, no less! Naturally, I agreed to a sked and we made the contact.

I could tell she'd been taught by someone Old School, because she signed off us-

ing "di di-di dit dit" which is the old "Shave-And-A-Hair-Cut" that I learned as a Novice licensee back in the 60's. Naturally, I responded with "dit dit" ("Two Bits").

I looked at her website and could see the influence of her dad, WB2HTO, who had her working only HF, and only CW, as a Technician. Very unusual, but very cool!

It turns out she is the youngest ham ever to achieve the SKCC WAS award.

So: A Technician can operate CW, or hang out on VHF, and still learn a lot. One way to learn is by participating in Public Service events. These events include dog races, foot races, bicycle races, car races and other activity.

Public Service events teach us to show up on time, how to put a good signal into a repeater, how to move "tactical" radio traffic and how to be self reliant while standing outdoors in the rain, snow, wind and sun. There's a lot to learn about radio discipline and the "ABC's" of radio communication: ACCURACY, BREVITY and CLARITY

Typical Public Service Event: The Alaska 10K Classic

There are many opportunities to participate in Public Service events, and I encourage

each of us to give something back to the community by volunteering. It's one of the ways we "pay the bills" for our use of the radio spectrum and helps preserve our very valuable frequency allocations.

You can be a Net Control station, staff a checkpoint, shadow a Race Official, or operate "bicycle mobile" up and down the trails.

A "radio shadow" keeps race officials informed of changing conditions and relays instructions to checkpoint staff.

The Big Wild Life Marathon went out of their way to recruit ham radio volunteers, because they were aware of the outstanding communications service provided to the Mayor's Marathon. Last year, they made it a specific program goal to obtain our support.

One of the great things about Amateur Radio is we are ALL still learning. There is always some aspect of the hobby that we haven't explored yet, waiting to test our motivation, intellect and tenacity. I'm pretty sure none of us has "done it all" . . . . .

Keith, KL7MM is a "shadow" for the 10K Classic Race Director

Many of us are comfortable operating with one mode, like single sideband (SSB) voice. Some of us can get by using two modes, like SSB and CW (Morse code).

But very few of us are comfortable using three (or more) modes, like SSB, CW and Digital.

Our National Association for Amateur Radio, the ARRL, encourages us to expand our comfort zone with challenges like the Triple Play award:

This award asks us to "Work All States" using Voice, Morse code and Digital modes. All contacts are confirmed using Logbook of The World (LoTW), a computer based QSL system.

How many of us have bagged the Triple Play award?

Some might breeze through the Voice and Morse code portions, but just as many are only now learning the digital modes.

The important thing is: If you're in ham radio "High School", or if you've made it through University, or even gone on to Graduate School, there is still plenty to learn.

Thanks to TJ Sheffield

Minutes of Previous Meetings

AARC Board Meeting
Tuesday, November 21, 2010
Hope Community Resources

Voting members present
Paul Spatzek WL7BF sec., Alice Baker KL2GD and Lara Baker AL2R newsletter, TJ Tombleson KB8JXX act mgr, Sean Jensen KL2CO 1yr, Eric McIntosh KL2FM 3 yr, John Orella KL7LL vp, Michael O'Keefe 1yr, Kathleen O'Keefe KL7KO 1 yr, Jan Abbott KB1QCD treasurer-elect, TJ Sheffield KL7TS

Non Voting Members/ Guests
Keith Clark AL7MM Trustee, Alice Baker KL2GD

The meeting was called to order by John Orella.

There were additional items added to the agenda

Secretary: Minutes approved with corrections. Mike O'Keefe moved and Sean Jensen seconded.

Treasurer report: Jan Abbott presented for Calex. Approved by Mike O'Keefe and seconded by Sean Jensen.

VE Report: Jim Wiley presented the new question pool.

Trustee Report: Sweepstakes and QSL logbook of the world.

Membership: Chairman absent

Activities Manager: TJ mentioned Potluck for Christmas party

Committees:
Bylaws- Meeting scheduled for weeks after

Finance Committee: See written report

Projects: Register was introduced with several projects being completed and one being started. A long discussion was held of tracking and properly spending the

gaming funds. Also impacting the discussion were the expenditures to pursue the forensic accounting.

Old Business

ARES: Winlink training is in progress.

Title 21: Still in committee, no changes, language is still favorable to Amateur Radio.

Webmaster: Roy Sursa has stepped up.

IRLP: Discussion was held clarifying the purpose of the AARC's new IRLP node.

New Business

Answering Machine- a discussion of the club's voicemail system.

Adjournment- Mike O'Keefe moved and Keith seconded.

Minutes of the AARC Meeting, December 3rd, 2010.

Pictures curtesy of Tom Rutigliano and Paul Spatzek.

Upcoming Events

January 8-9, 2011 ARRL RTTY Round Up

Begins 1800Z Saturday, ends 2400Z Sunday (**January 8-9, 2011)**

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We will operate as KL7AA Multi-Op, unassisted (we work what we can see/decode) Low power <=100 watts.

All are invited to attend, learn digital modes and operate on the AARC's multi-band, multi-mode station. Wednesday JAN 5th 2011 at 7pm will be an orientation prior to the event for those interested.

Contact for more info: Rich Gillin, AL4S, 907.884.1404
rich at gillin dot us

ARES Drill

Learn WinLink & WinMor: Saturday, January 15th, 0900.

Come to the Shack and try your hand at the WinLink/WinMor disciplines.

For further information, contact Mike O'Keefe, KL7MD, mok@GCI.net.

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

147.270

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

January 2011

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

ARES NETS:

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

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

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

People to Help You!!

2011 Officers & Board of Directors

Officers

President	Randy Vallee	KL7Z	president@kl7aa.net
Vice President	Paul Spazek	WL7BF	vicepresident@kl7aa.net
Secretary	Kathleen O'Keefe	KL7KO	secretary@KL7AA.net
Treasurer	Jan Abbott	KL1QCD	treasurer@kl7aa.net
Activities	Richard Kotsch	WL7CPX	

Three Year Board of Directors

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

One Year Board Board of Directors (alphabetically)

Allen Brier	N5XZ	n5xz@arrl.net
Lara Baker	AL2R	lara_baker@ieee.org
Michael O'Keefe	KL7MD	mok@gci.net
TJ Sheffield	KL7TS	kl7ts@arrl.net
TJ Tomblinson	KB8jxx	kl7jxx@wl7cwe.org
Jim Wiley	KL7CC	jwiley@alaska.net
Pat Wilke	WL7JA	wl7ja@clearwire.net
Susan Woods	NL7NN	radiosuzq@yahoo.com

Other Contacts

Trustee	Keith Clark	KL7MM	trustee@kl7aa.net
Membership	Fred Erickson	KL7EE	membership@kl7aa.net

Committees (alphabetically) Chair

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

Newsletter Editor	Alice Baker	KL2GD	editor @kl7aa.net

Regular Committee Meetings:

By-Laws Committee: Sunday, January 16th, 9:00 AM at Denny's on Denali.
Contact Mike O'Keefe, KL7MD, mok@gci.net for info.

Finance Committee: No meeting this month.
Contact Keith Clark, KL7MM, trustee@KL7aa.net for info.

Special Projects: January 5th, 7:00 at the Ham Shack.
Contact TJ Sheffield, KL7TS, kl7ts@arrl.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: No information.

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

MONTHLY EVENTS

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

1st Tuesday each month (except for holidays):
VE License Exam 6:30 PM, at the Hope Cottage offices, 540 W International. Bring photo ID, copy of license (if any) and any certificates of completion. Contact: Jim Wiley, KL7CC 338-0662.

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

2nd Saturday each month: PARKA Meeting at 11:00 AM. Polar Amateur Radio Klub of Alaska. All amateurs welcome. Denny's on Denali Street in Anchorage. Talk in on 147.30+.

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

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

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

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

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

AARC web page & Email contact addresses:
Homepage: **http://www.KL7AA.net/**
Webmaster: webmaster at kl7aa.net
Membership: membership at kl7aa.net
Newsletter: editor at 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.
Report dead links or bad info to editor@kl7aa.net

HF RMS's

- Anchorage VHF ARES RMS WL7CVG-10 144.9 (Elmendorf Moraine)
- Anchorage HF ARES RMS WL7CVG (multi-band scanning see WWW.WINLINK.ORG 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
- **Big City Simplex Net:** 146.520, 446.0, 52.320 FM, 29.6 FM,
    28.400 USB With Packet 145.01 and 147.96, Tuesdays 8:00 PM local
- **Alaska VHF Up Net:** 144.200 USB Saturdays 9:00 AM local
- **Statewide LINK Net:** 145.15(-) PL 123.0Hz; Sundays 8PM local
- **ALASKA ARES Statewide ARES NET:**
    IRLP Alaska Reflector (9070) Thursdays at 830PM Local
- **Alaska Morning Net:** 145.15(-) PL123.0Hz; Daily at 9:00 AM

HF
- **Alaska Sniper's Net:** 3.920 MHz 6:00 PM daily
- **Alaska Bush Net:** 7.093 MHz 8:00 PM daily
- **Alaska Motley Net:** 3.933 MHz 9:00 PM daily
- **ACWN (Alaska CW Net):** 3540 kHz, 7042 kHz, 14050 kHz Non-directed, CW calling and traffic watch for relaying NTS 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 et:** 3.880 MHz—Sunday 8:30PM

Volunteers needed:

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

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

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

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

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 unless we are otherwise notified.

AARC Badges

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

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

ANNOUNCEMENT:

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

The MODULATION TIMES will no longer be sent out by US MAIL! In an effort to control club cost and to continue to modernize our resources, the board of AARC has decided that as of 5/31/2010 all future **newsletters will be in ELECTRONIC format only**. If you have special needs or concerns please send your comments to editor@kl7aa.net to bring to the attention of the board of AARC. Current and newsletters from years past can be found on the club website at

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

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

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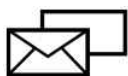Contact Information Don Bush,
KL7JFT@arrl.net**

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

www.ares.org

Emergency Management Institute | FEMA

http://training.fema.gov/

The **ARRL Certification and Continuing Education** Program, was approved by the ARRL Board in January 2000. Volunteers from all over the country assisted in pulling together information for the course. Because the topic of emergency communications is so diversified and so much information is available, the material is broken into three levels: Introductory, Intermediate and Advanced **Emergency Communications (Levels I, II and III)**.
Each on-line course has been developed in segments -- learning units with objectives, informative text, student activities, and quizzes. Courses are interactive and include direct communications with a Mentor/Instructor and other students.
Check out: http://www.arrl.org/cce/ for more information.

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.

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.**

ARRL Affiliated Club for more than 50 years

Are you a member of ARRL?

ARRL is the American Radio Relay League. This is the national organization that advocates on behalf of amateur radio operators to the FCC and the communications industry. KL7AA is an ARRL affiliated club for more than 50 years. Consider becoming a member of ARRL today.

For more information about the ARRL 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.

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