BOUNTIFUL — Some people just know when they find a hobby to last a lifetime. For Gary Johnson, it's being a HAM radio operator. "I love it," he said. "There's a fire in my belly. I do love this hobby a lot."

There are times, though, when his hobby stops being a hobby and becomes something so much more. When severe winds hit northern Utah Thursday, Johnson and his HAM radio friends were called into action.

"We were used to pass information, health and welfare," he said; "be the eyes and the ears of the police department."

What is ... amateur radio?

Amateur radio (also called ham radio) is the use of designated radio frequency spectrum for purposes of private recreation, non-commercial exchange of messages, wireless experimentation, self-training, and emergency communication. The term "amateur" is used to specify persons interested in radio technique solely with a personal aim and without pecuniary interest, and to differentiate it from commercial broadcasting, public safety or professional two-way radio services.
(Source: Wikipedia.com)

Johnson, or N7DND to his friends, was at home in Bountiful when he got the call from the Davis County sheriff. Communications were breaking down because of all the commotion, and the sheriff was wondering if some HAM radio operators could help get messages through to emergency personnel.

Within no time, Johnson had 18 volunteers who were staffed at cities throughout Davis County.
"To have those HAM radio operators on call, and even in our radio room, was a tremendous asset for us," said Davis County Sheriff's Lt. Brad Wilcox.
In a normal 24-hour period, dispatchers at the Davis County Sheriff's Office get 625 phone calls on average. But Thursday, they had more than double that — 1,373 phone calls. "Our system was saturated. We were at maximum," Wilcox said.

Related:

**Damage from windstorm could total more than $20 million**

Wind-caused damage from Thursday’s storm should easily top $20 million to homes, businesses and public infrastructure in Davis County alone — even as debris removal costs mount over the weeks to come.

The lines were so maxed out, sometimes dispatchers couldn't respond to police right away.

"It was very scary for the dispatchers to push the button and not be able to talk for three minutes," Wilcox said, which is where the HAM radio operators came in handy. For Johnson, it was an all day job — but one that kept him smiling every single minute of it. He knew his team made a difference. "We train and we live for days like this," he said. "This is some of the most excitement that we can have." HAM radio operators in the area have training sessions every single week and a general meeting once a month, and it's all volunteer.

*Email: acabrero@ksl.com*

**To view a video of this interview go to**

From Craig Bledsoe:

Here is the report you requested about the AMSAT-sponsored tour of the Stanford University 150-ft dish antenna. Dale Hershberger, KL7XJ, my XYL Ruth Ann, and I visited this impressive facility immediately following the 2011 International Satellite Symposium in San Jose this past November. For information about the presentations at the Symposium (ham radio satellite convention) itself, please go to http://www.amsat.org/amsat-new/symposium/2011/Presentations.php for details.

Note that the Sunday tour of the Stanford Dish was a last-minute addition that was far more exciting than the originally scheduled Sunday tour of the San Jose Technology Museum. On the morning of November 6th, the three of us piled our bags into our rather elderly rental sedan, left the Wyndham San Jose in formation with a Stanford University 15-pax van, and lumbered northward on the I-280 into the Los Altos Hills. Soon the gigantic dish appeared on the horizon, even though we had several miles to go until we turned onto Sand Hill Road and subsequently drove cross country to the access gate. Other local hams met us near the gate with their vehicles, and the entire group proceeded through a controlled access checkpoint with minimum difficulty.

Once parked at the hilltop where the dish is located we were awestruck at just how huge this device really is - and not only that, but the complete 3000,000 pound structure moves on a gently curved railroad track in a complete circle carrying its entire operations building with it as it rotates. The attached "Vital Statistics" handout gives all the specific details of the Stanford Dish's state-of-the-art communications and radio astronomy capabilities. One interesting fact not covered in any of the literature we saw is that the area is a wildlife preserve and is teeming with creatures of all varieties. For example, ground squirrels and related varmints lived in nu-
merous burrows that riddled the hillside surrounding the dish. A number of foxes were scouring the vicinity looking for easy pickings, while several species of hawks patrolled the skies on the same mission. While we were there a fox caught and dragged off a ground squirrel followed by a red-tailed hawk that took a frantically kicking jackrabbit airborne for some unwanted "frequent-flyer miles." Some of the younger kids on the tour were commenting about the scenes from the "Circle of Life" that they saw, but this was a little more graphic than the Disney version. Hakuna Matata, oh well...

Meanwhile back at the dish, our traveling companions positioned themselves around the railroad track at the base while I took off down the hill on a photographic expedition. Since I didn't have a wide angle lens in my camera bag, it took a considerable hike across potholed terrain (remember the ground squirrels) to get far enough away to frame the entire structure. You can see the results of my efforts in any of the attached pictures - Dale, KL7XJ, is near the center of the frame talking to the adjacent tour guide. While all this was going on, the dish itself was rotating and elevating as it tracked various Low Earth Orbit (LEO) satellites that were zipping by. Simultaneously a number of hams in the group were clambering up stairways onto catwalks high overhead to admire the continually changing view (in several axes...)

Following my Groundhog Day photo expedition, I climbed upward to the topmost level of the dish to look across the entire Bay Area that seemed to be moving about in a most unpredictable manner. The rather "urpy" experience was kind of like being in a cross between a rotating restaurant and a carnival ride.

Finally it was time to head out, but the deciding factor was an interesting story in itself. The moving operations building was completely equipped with all the usual utilities, including lights, heat, air conditioning, and of course telecommunications of every variety. However there was one critical service missing, and an assortment of spouses and kids soon figured it out: There was no plumbing of any sort - which is kind of reasonable for a rotating building when you think about it, but not so good for the occupants. Thus yielding to internal hydraulic pressure we all piled into our respective vehicles and beat a hasty retreat from the great Stanford University dish. Our thanks go out to AMSAT for arranging this thrilling event, and a wonderful time was had by all - at least for the first several hours of the tour!

Speaking of Disney, next year's AMSAT Symposium has been proposed for Orlando, Florida. We can't wait to see what sort of adventures await us there in 2012.

Happy New Year,
Craig Bledsoe, KL4E
Dale Hershberger, KL7XJ
**ARRL RTTY Roundup**: 1800Z, Jan 7 to 2400Z, Jan 8

**First digital contest of the year is in the first weekend of the year.**

Last year we had a great participation and looking forward to having more members and guests come by for a visit and try their hand at RTTY radiosport. Details as follows.

**0900AKDST, 07 Jan to 1500AKDST 08 Jan 2012.**

**Mode:** RTTY, Digital

**Bands:** 80, 40, 20, 15, 10m

**Classes:** Single Op (Low/High)
Multi-Single (Low/High)

**Max operating hours:** 24 hours

**Max power:** HP: 1500 watts
LP: 150 watts

**Exchange:** W/VE: RST + (state/province)
non-W/VE: RST + Serial No.

**Work stations:** Once per band

**QSO Points:** 1 point per QSO
Each US state (except KH6/KL7) once only
Each VE province/territory once only
Each DXCC country (including KH6/KL7) once only

**Score Calculation:** Total score = total QSO points x total mults

**Submit logs by:** 2359Z February 7, 2012

**E-mail logs to:** RTTYRU[at]arrl[dot]org
RTTY Roundup
ARRL

**Mail logs to:** 225 Main St.
Newington, CT 06111
USA

**Find rules at:** [http://www.arrl.org/rtty-roundup](http://www.arrl.org/rtty-roundup)

I'll submit to KL7AA email reflector.

Rich Gillin - AL4S
907.884.1404
skype/ooVoo: rich.gillin
VHF/HF email: al4s@winlink.org
Is AARC going to participate in Alaska Shield 2012?

Below is the information about Alaska Shield 2012 that Don Bush sent to his MARA constituents.

For those that have served in the Military, you know what a Warning Order is. For those folks that haven't heard about them, you do know what an Alert is. About 2 years ago the State had a statewide emergency exercise, called Alaska Shield 2010; well, standby for Alaska Shield 2012. The last exercise brought up many interesting facts. A lot of the facts were more evident in the smaller communities around Alaska than were in Anchorage where the SEOC (State Emergency Operations Center) is located.

Since then, the power outages in the Valley, hurricanes force winds in the Valley, and this year more so in Anchorage, and the extreme winter storm that hit Nome, Bethel and several smaller communities in northwest Alaska, have demonstrated the challenges Emergency Services has ahead of them in more devastating situations. During all of these exercises or emergency, Ham Radio was there.

The commercial communication systems and internet had extreme challenges in providing communications. During Emergencies the chances that normal communications means may fail is always there and as we have seen the phones systems are more vulnerable now due to the use of fiber hubs, instead of the old POTs Lines (Plain Old Telephones) that use to be connected by copper all the way back to the CO. You may think you still have copper because you have telephone line wire running to your house, but the little huts or large green boxes you see in most subdivisions now days, is as far as that copper goes. The requirements of commercial phone systems needing power or having limited battery backup will be a major challenge for people to respond, support or report problems. Telephone systems that are supplied by coax cable type plants have an 8 hour battery to keep them running. A lot of folks have remote phones that require AC or batteries to keep them going. Cell phone systems will be there but have power limitations as well and could become overloaded and unusable.

So what do you have left? Well, when all else fails call a ham. Yes the floods in the Valley required hams to report local conditions back to the EOC, major power outages resulted in not only no power but phone outages or systems overloaded. Now ARES and MEA have a backup plan to support them during such situations. The storms in the Northwestern area of Alaska, commercial systems failed. NOAA and the SEOC continued to get reports from Ham Radio Operators.
every 2 hours of the changing situation of the communities in the affected area throughout the storm. The SEOC has installed a ham radio and Anchorage ARES is putting together ham teams to man it. We have installed emergency ham stations in the AK Native Health Hospital and Warehouse. We are working of finishing installations in AK Regional Hospital and H&SS State EOC. The Kenai hams have installed HF in 4 or 5 of their hospitals. Fairbanks is establishing a Ham Station for the Red Cross and MATSU will be assisting the Red Cross in re-establishing a station for the Red Cross at the Sports Arena.

So now for the Warning Order. Several communities and the SEOC have requested Ham Radio Support for Alaska Shield 2012. The main part of the statewide exercise will require ham radio for a 2-4 hour period on Friday 10 Feb, 2012 to handle incoming and outgoing traffic to various communities in Alaska and U of A campuses. Cordova, Valdez, Fairbanks, Matsu, & Kenai will be the main areas need support. U of A would like to send traffic from their main EOC to all of their various campuses across the state. KL2GY is working on getting us points of contact. This may just be a message to the campuses that will demonstrate that the can send or receive traffic. It will not require stations to be manned to do this but we may need to call or deliver a message to them during the exercise. Valdez and Cordova will be using ham radio for major support of traffic to and from their locations to the SEOC. MATSU will be in general support to the MATSU EOC at Station 61 and the JIC (Joint Information Center) at the MATSU Animal Control Building off 49th/State Street and STATEWIDE NET Control, on Friday the 10th of Feb for about 8 hours and then on Saturday 11 Feb, the Red Cross and Matsu Regional will be running shelter operations. MATSU hams will require operators stationed in Talkeetna, Sun Shine School or Senior Center, Wasilla High, Colony Middle School, Matsu Regional, and the Wasilla Red Cross HQ in Wasilla to support communication for about 8 hours.

Friday, we will establish MARA’s Main Station at Station 61. We will require 2 HF, 4 VHF, Winlink, APRS & Packet stations there. We will set up the support trailer for long range commo and the VHF J POLEs. We’ll need setup crews/tear down crews and about 10-15 folks to be on hand for manning the radios, handling traffic, logging, and be on hand to deploy if required. We will need 1 or 2 operators to work at the JIC, mainly VHF back to the EOC at Stations 61. It’s possible they may need VHF Commo between Nancy Lake and Houston area to relay back to the EOC. Operators should have their Go Boxes ready. We will need a couple home stations that have good long range commo for relays if required. We should only be needed for about 8 hours.

Saturday to support shelter operations, we will need stations deployed and setup in Talkeetna area, Wasilla High School, Colony Middle School, Matsu Regional Hospital, and at Wasilla Red Cross HQ off Cursey Street. It would be
nice to have 2 operators at each location. You will need VHF radios possible outside antennas, coax, battery or power supply to run your stations. The hospital will be running their alternate care station at Colony School. Ray, KL1IL will be manning that station. This exercise should be about 6-8 hours. We have been told that this operation will only require voice ops and no HIPAA, confidential info will need to be passed.

All deployed operators should have standard Go Box Materials, as suggested in the MATSU ARES Emergency plan, available on my web site. [http://home.gci.net/~dbush](http://home.gci.net/~dbush)

The exercise will be in support of a severe weather event, low temp, high winds, power and commercial communications outages. I know that the Friday operation may be tough for some folks to help, but we sure can use the help. The hams need to be able to show emergency services from all areas of the state that we can support them with backup communications. We have made great strides over the past few years to prove that. Hams all over the state thru Statewide ARES groups are sharing info and supporting each other. ICS training is coming along and in some cases, the hams know more about the ICS system than some of the folks they are supporting. The main key is education, both on their part and ours. Every time we get the opportunity to operate and demonstrate ham radio to the public they learn more of our capability and we learn how we can better support them during emergencies. Remember we are operators and work outside the normal box that Emergency Services or Commercial Communications can’t do. We always have a backup plan and redundant systems to keep on operating.

All hams have skills that can be used during operations; we are constantly learning something new when we operate and improving our skills. We have new hams, just starting out, and then the folks that have been hams longer than I can remember. A blend of the old and new makes us quite resilient and successful. We can teach each other quite a bit.

Editor’s Note: The following information is intended for Don’s MARA constituents.

All operators that can assist, please contact me, KL7FT Don at [mailto:dbush@gci.net](mailto:dbush@gci.net) [dbush@gci.net], [mailto:kl7jft@arrl.net](mailto:kl7jft@arrl.net) [kl7jft@arrl.net], [mailto:kl7jft@winlink.org](mailto:kl7jft@winlink.org) [kl7jft@winlink.org], or call 746-6845. You can also contact your Emergency Coordinator for your area to volunteer. As I get you contact info, I will send you the Commo Package for the exercise.

Palmer, Jim Wardman N9RNL at [mailto:jwxn9rnl@gci.net](mailto:jwxn9rnl@gci.net) [jwxn9rnl@gci.net] or
n9rnl@winlink.org

Wasilla, Ray Hollenbeck KL1IL at [mailto:kl1il@arrl.net ]kl1il@arrl.net

Willow/Meadow Lakes, Mark Allan KL2EC, [mailto:mka@gci.net ]mka@gci.net or kl2ec@winlink.org

Trapper Creek/Talkeetna, Hal Morgan WL0WX, [mailto:krotocreek@hotmail.com ]krotocreek@hotmail.com or [mailto:wl0wx@winlink.org ]wl0wx@winlink.org

We would like to firm the list up by the end of January, so please contact us. Thank you so much for your support.

Don Bush
KL7JFT
MATSU DEC
746-6845

From Craig Bledsoe, KL4E

Hello Everyone >>>

The following information was provided by Infragard, the FBI's Infrastructure Protection civil support organization. This is of particular interest to hams who are involved in emergency communications support activities (ARES, etc.), so please distribute this to the membership in case any of our folks are interested in signing up and participating.

Thanks and 73,
Craig, KL4E

----- Original Message ----- 

Register now to join the new InfraGard National Electromagnetic Pulse Special Interest Group (SIG) at this site: [ http://empsig.eventbrite.com/ ]http://empsig.eventbrite.com. For more information see below:

On September 20, 2011, the InfraGard National Members Alliance (INMA) launched a SIG that focuses on threats that could cause nationwide long-term critical infrastructure collapse. Named the EMP SIG, after electromagnetic pulse, it covers all similarly dangerous hazards such as extreme space weather, coordinated physical attack, cyber attack or pandemics.
InfraGard members are welcome to either apply for the EMP SIG working group, or participate as observers. Either way, please go to [http://empsig.eventbrite.com/](http://empsig.eventbrite.com) to register to join the SIG, provide your contact information, level of participation interest, and information regarding your involvement and expertise in this area.

If you are interested in more information, please visit the current secure InfraGard Homepage to read through pertinent EMP SIG documents posted under “InfraGard Items of Interest.” The EMP SIG hopes to foster information-sharing and trusted conversations about these critical issues and recruit nationally recognized experts to serve local InfraGard chapters. There is some video coverage of the first events that the EMP SIG supported which will be made available soon. These events included the space weather and EMP workshops at the National Defense University, the Maryland Emergency Management Agency at the Johns Hopkins Applied Physics Laboratory, and the conference at U.S. Capitol Visitors Center on October 3-6, 2011, as well as the Dupont Summit 2011 held at the Carnegie Institution for Science in Washington, DC, on December 2, 2011.

From time to time, the EMP SIG will hold either in-person or virtual meetings. As was announced ahead of time, those interested in joining the EMP SIG were able to meet briefly in-person at the end of the Oct 6th and Dec 2nd events. There are likely to be in-person EMP SIG meetings during the spring and summer of 2012 (locations TBD), as well as additional virtual meetings.

You will be advised of these meetings via the preferred email address you supply on the EMP SIG registration page.

If you have any substantive questions about the EMP SIG, you may contact the Chair of the InfraGard National EMP SIG, InfraGard member Chuck Manto, at [mailto:cmanto@stop-EMP.com](mailto:cmanto@stop-EMP.com).

If you have any technical questions about accessing the secure website or about InfraGard in general, please contact InfraGard Tech Support at 877-861-6298 or [mailto:infragardhelpdesk@infragard.org](mailto:infragardhelpdesk@infragard.org).

Robert E. Nickel

Unit Chief
Public/Private Alliance Unit (PPAU)
Interesting letter from Yaesu — from Craig Bledsoe, KL4E, and Dale Hershberger, KL7XJ.

Minutes of Previous Meetings

There are no minutes from the November 15th Board meeting. There was no quorum, therefore, no business was transacted.

The December 2nd general meeting was our Holiday party.

Those contributing pictures were Bruce Morrison, KL7BM, Paul Spatzek, WL7BF, and Alice Baker, KL2GD.

Charlotte Rose won the Hawaiian shirt contest!!!!

[What a great picture, Bruce!!!!!!!]
More AARC Holiday Party Pictures
Mara had their Holiday Party on the 31st. Tom Rutigliano sent pictures. He said about 45 people attended.
MARA — Mat-Su Amateur Radio Association

MARA President John Mears, Contact Cell 907-745-6835

**Will be conducting Amateur Radio “Ham” Training Classes**

Classroom training is free — Book purchase is $20.00 for course.

Technician Classes (1st Level-Basic) MUST CONFIRM ATTENDANCE
Limited Seating — Tuesday and Thursday evenings 6PM-7:30PM.
January 10, 12, 17, 19, 24, 26
Mascot Training Conference Room
285 Riley Ave. Wasilla, AK 99654
Located near Wasilla Senior Center

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**WANTED!!**

From: Marshall Ronne <mronne@gci.net>

Does anyone have an old tube checker they want to get rid of? I have a ton of old vacuum tubes that I’d like to check. Please contact me if you can help.

Marshall, KL7EU

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**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
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 Directors
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:** Second Tuesday, 5:30PM at Hamshack.
Contact Keith Clark, KL7MM, trustee@KL7aa.net for info.

**Projects Committee:** Second Wednesday, 7:00PM at HamShack
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:** As needed (usually with a repeater in trouble and needing “aid”).
Contact Doug Dickinson, KL7IKX, kl7ikx@yahoo.com.

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**For Sale**

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

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

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

RTTY Contest — Join Rich Gillin at the Hamshack — anytime between 9:00 AM Saturday, January 7th and 3:00 PM, Sunday, January 8th.

Knik 200 Sled Dog Race -

Jan 7th & 8th.
Contact:  Bob Sexton, KL2L:, 491-0893.
Start at Knik Bar & Grill, 11:00 AM, January 7th.

Alaska Shield 2012

Friday, February 10th & Saturday, February 11th.
# January 2012

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**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: donnav@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@arrl.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.
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
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.AL7F5.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)
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:**

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Tone</th>
<th>Call Sign</th>
<th>Features</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>147.18 -</td>
<td>88.5</td>
<td>ADES</td>
<td></td>
<td>Ft. Richardson</td>
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<td>146.88 -</td>
<td>no tone</td>
<td>AL7LE</td>
<td>Phone patch</td>
<td>Kenai Soldotna</td>
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<tr>
<td>146.82-</td>
<td>103.5</td>
<td>WL7CWE</td>
<td>IRLP</td>
<td>Anchorage</td>
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<tr>
<td>146.76 -</td>
<td>123.0</td>
<td>KL3K</td>
<td>IRLP</td>
<td>Seward</td>
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<td>146.94 -</td>
<td>103.5</td>
<td>KL7AA</td>
<td>Phone patch</td>
<td>Anchorage to Wasilla</td>
</tr>
<tr>
<td>224.94 -</td>
<td>no tone</td>
<td>KL7AA</td>
<td></td>
<td>Anchorage</td>
</tr>
<tr>
<td>444.70 +</td>
<td>103.5</td>
<td>KL7AA</td>
<td>Phone Patch</td>
<td>Anchorage</td>
</tr>
<tr>
<td>146.67 -</td>
<td>103.5</td>
<td>KL7AIR</td>
<td>MARS Station</td>
<td>Anchorage &amp; Highway North</td>
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<tr>
<td>147.30 +</td>
<td>141.3</td>
<td>KL7ION</td>
<td></td>
<td>Very Wide Area</td>
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<tr>
<td>146.85 -</td>
<td>no tone</td>
<td>KL7JFU</td>
<td></td>
<td>Mat Valley</td>
</tr>
<tr>
<td>146.91 -</td>
<td>no tone</td>
<td>KL7JL</td>
<td></td>
<td>Homer</td>
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<tr>
<td>147.15 +</td>
<td>107.2</td>
<td>KL5E</td>
<td>Phone patch</td>
<td>Eagle River &amp; Chugiak</td>
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<td><strong>103.5</strong></td>
<td>WL7CVF</td>
<td>Cross linked to 443.900</td>
<td>Very Wide Area **</td>
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<tr>
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<td><strong>103.5</strong></td>
<td>WL7CVF</td>
<td>Cross linked to 147.330</td>
<td>Very Wide Area * **</td>
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<tr>
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<td><strong>103.5</strong></td>
<td>WL7CVG</td>
<td>Cross linked to 443.300</td>
<td>Very Wide Area *</td>
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<tr>
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<td>WL7CVG</td>
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<td>Very Wide Area *</td>
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#### South Central Area Simplex Frequencies

<table>
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<tr>
<th>Frequency</th>
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<tbody>
<tr>
<td>146.52 MHz</td>
<td>National Calling and Emergency frequency</td>
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<tr>
<td>147.57 MHz</td>
<td>DX Spotting frequency</td>
</tr>
<tr>
<td>146.49 MHz</td>
<td>Anchorage area simplex chat</td>
</tr>
<tr>
<td>146.43 MHz</td>
<td>Mat-Su Valley simplex chat</td>
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<tr>
<td>147.42 MHz</td>
<td>Peninsula simplex chat</td>
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#### WINLINK

<table>
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<tr>
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<th>Callsign</th>
<th>Frequency</th>
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</thead>
<tbody>
<tr>
<td>Anchorage ARES RMS</td>
<td>WL7CVG-10</td>
<td>144.9</td>
</tr>
<tr>
<td>Palmer (MATSU) RMS</td>
<td>KL7JFT-10</td>
<td>145.19</td>
</tr>
<tr>
<td>FAIRBANKS RMS</td>
<td>KL7EDK-10</td>
<td>147.96</td>
</tr>
<tr>
<td>South Central Digipeater</td>
<td>WL7CVG-4</td>
<td>144.9</td>
</tr>
</tbody>
</table>
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/

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

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

**www.ares.org**

**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

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**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*

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**“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. “
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.**

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 phones 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](http://www.KL7AA.net).

Thanks for your help in this.