

Anchorage Amateur Radio Club

Next Meeting July 2nd

Alaska Treasure Seekers -the technology of metal detectors

July Program – Alaska Treasure Seekers

The featured presentation at the July AARC meeting will be a speaker from the Alaska Treasure Seekers who will explain and demonstrate the technology of metal detectors now available on the market. Additionally you will **see samples of treasures** uncovered right here in Alaska, and find out how to participate in this exciting and profitable avocation. To find out more about the Alaska Treasure Seekers and to sign up for the annual treasure hunt at the Palmer Fairgrounds two weeks from now (July 10th & 11th), please visit www.geocities.com/atsalaska/ for all the details.

Field Day 2004

In words and pictures (more at the July meeting)

Field Day

By

Edythe Lynn, KL7EL

Once again Field Day has come and gone. And what a Field Day it was, we made some great contacts. TJ contacted the space station which was really cool, Heather had such a pile up in the last hour and ½ that she missed breakfast but made lots of contacts.



The Chief Cook and bottle washer (me) had so much fun, it was so hot Saturday that even the bugs were sluggish. We (John and I) brought our motor home and lots, and lots of fans. Had the fans stacked two high outside of motor home and had people stacked five deep along side the fans what

you might call a fan club :-). Of course we had more food then you know what to do with. We all eat so much that I think that I gained #'s on the deal.



The first day set up went great had all the right tools, cables, connectors, really put a load on the generator what with 3 now count them 3 air conditioners along with all the fans, and can't leave out the radio equipment on the load.



That night the wind blew so hard we thought that the cook tent would go flying away. At least we didn't have any trouble with the local wild life other than our little white dog thinking that a squirrel was something to play with.

With this all said and done I want to thank all of the great people that helped to set up, operate, tear

down and clean up. Thank you again for the great job you all did.



Keith Clark, KL7MM and TJ Sheffield, KL7TS

I want to say a special thank you to TJ and Keith for all of their hard work in pulling it all together. Have a fun and safe summer. See you at the club meeting this Friday.

Eddie, KL7EL

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Field Day Report Heather Hasper, KL7SP

Field Day 2004 was a great success with a good turnout of volunteers to help convoy supplies and help with setup. At 0820 the team rolled out of the CCV garage with KL1JJ driving the CCV and Steve Jensen, KL0VZ transporting the trailer. On arrival we starting setting up and we got our first station on the air by 1030 with Corliss, AL1G making our first contact.



Corliss Kimmel, AL1G, CW Station Manager

The CW station was up and operational shortly after and KL7Z, Randy, Corliss and Frank manned the station all through the afternoon late into the night till about 0100 on Sunday.



KL7Z, Randy Vallee, Vice President, AARC



KL7FH, Frank Hurlbut, Assist. CW Station Mgr

The GOTA station was a little harder to get up and operation due to getting the antenna in place, and once on the air we did have some inter mod problems between the CW station and the GOTA station.





Bruce McCormick, KL7BM operating GOTA Station in back of American Red Cross Emergency Response Vehicle

When they went and took a break for lunch and dinner, we were able To GET ON THE AIR, the original purpose of the station.

No Alaskan good have predicted how hot it would be and with an official high of 88 degrees at the CCV weather station everyone worked really hard in spite of the warm conditions. But better heat than rain any day. And with all the events going on this weekend, we will get points for visitors as we had about 8 visitors sign the guest log book at the CCV. Some were out of state hams visiting Alaska that had seen our signs in the park, others were friends of other amateurs that brought people out to experience getting on the radio and making a contact.

What would a radio event be without food? Some would say it would not be an event, but with the help and planning of KL7CY and KL7EL, John and Edie Lynn, we had lunches and a great BBQ Saturday night and a first rate breakfast Sunday morning.



Thanks also to Enstar and Judi Ramage, WL7DX for bringing out the ENSTAR grill for us to use all weekend.



John Lynn, KL7CY, on the Enstar Grill

Thanks for keeping the crew happy and healthy.

While we don't have a total point score at the time of this writing we were able to operate right up to the end of the event. We will have a score Friday night at the club meeting along with photos of the event. Thanks to all the 25 or so people who came out to setup, operate, teardown and make the event a success. With the lessons learned this year, the planning team will use this as another training exercise to determine how to make us more ready and prepared for Amateur Radio Emergency Services (ARES) should our services be requested.

Thanks go to TJ, KL7TS and Keith, KL7MM, the co-chairman's of the event, the ARES District 7 team for planning the event over the last 4 months, Jim Wiley, KL7CC and Randy Vallee, KL7Z for the use of their own equipment, Thanks to Corliss for getting the information up on the webpage and for operating CW long into the night. Many people helped make this a success including Mike O'Keefe, KL7MD for his motorhome as a station, NL7W for helping transport supplies to and from the location. Steve Jensen, KL0VZ for transporting the trailers, Phil Mannie, KL0QW our ARES district leader for getting our stations networked and John Ramsey, KD6YKS with the American Red Cross for letting us use the Emergency Response Vehicle as the GOTA station and due to their presence we were able to operate as an Emergency Operations Center.

73, Heather Hasper, KL7SP

MARA's field day 2004

Here are a couple of shots from MARA's field day 2004 at Cottonwood Creek Elementary School in Wasilla provided by KL7DR, Dan O'Barr.



We had over 20 Hams stop by for Field Day, but not all at the same time. In the group photo from left to right are: Ray N7CFF, Jim NL7C, Paul KC2BYX, Ken KL7VE, Dan KL7DR, Dave McGraw (who just passed all 4 elements to get his Amateur Extra ticket), and Pat Warber (a scanner enthusiast who is studying to get his license). The car behind the group is KL7VE's, Toyota hybrid Prius that supplied a lot of power for our station.



This other shot is KL7DR working SO-50 while Paul, Dave, and Buff look on.

73, Dan O'Barr KL7DR
President of MARA inc. <http://www.KL7JFU.com>

Alaska QRP Club meets the Third Friday of every month – 7:00 PM (Some show for dinner at 6PM): Hams with QRP (low power under 5 watts) and Homebrewing interests meet for a social meeting monthly. Meet at Dennys (in the back room) on DeBarr near Bragaw. Contact is Jim Larsen, AL7FS, JimLarsen2002@alaska.net or 345-3190.

Anchorage Hamfest and Flea Market is scheduled for September 11th and 12th time frame. Please contact John Lynn (KL7CY) or Judi Ramage (WL7DX) if you can help with the arrangements.

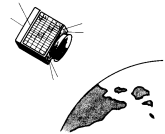
kl7cy @ arrl.net 337-1091

damage @ gci.net

Low Earth Orbit (LEO) Net

The 9 AM LEO Road and Weather Group has moved to the 147.27/87 WL7CVG Mt. Susitna repeater with a + split and 103.5 Hz tone. Remember to check your tone encode and make sure it is set to 103.5 Hz as that is the only tone the 147.27 WL7CVG repeater will now accept.

Thank you,
The Gahleo Group Moderator
Dan O'Barr, KL7DR
Wasilla, AK
KL7DR@ARRL.net

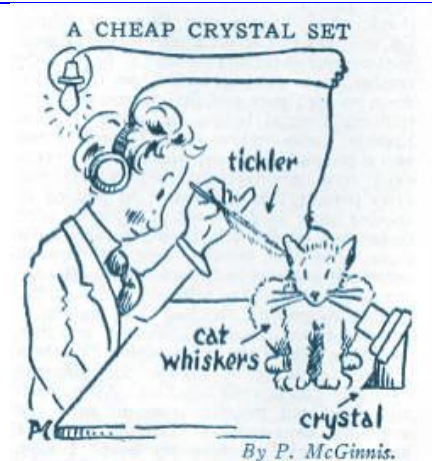


Emergency Response Communicators (ERC) Net

Dan O'Barr, KL7DR reports that there is are some new nets on Sunday nights. The ERC Net is designed to help hams get on the air more often, stay familiar with their equipment, and get to know their fellow hams in the area so that they can work together better in an emergency. Check it out.

Sunday, 7:30PM on 147.27 Repeater (103.5 tone)

Sunday, 8:30PM on 3.880 MHz HF SSB



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Anchorage Amateur Radio Club Board Meeting

(Unapproved)

Anchorage Amateur Radio Club Board Meeting, June 15, 2004

The AARC Board met Tuesday, June 15, 2004 at Hope Community Resources Administrative Building, 540 West International Airport Road. In attendance were President Jim Larsen, AL7FS, Vice-President Randy Vallee, KL7Z, Secretary Philip Mannie, KL0QW and Treasurer Steve Jensen, KL0VZ. Also in attendance were Directors Lil Marvin, NL7DL, George Wilkinson, KL1JJ, Judi Ramage, WL7DX, Jim Wiley, KL7CC, Mike O'Keefe, KL7MD and Jim Tvrdy, KL7CDG. Visitors TJ Sheffield KL7TS, Keith Clark, KL7MM and Heather Hasper, KL7SP were also present.

A quorum being present President Jim Larsen called the meeting to order at 7:05 PM.

Visitors' Forum

Field Day

Field Day co-chairs TJ Sheffield and Keith Clark reported on event preparations. They plan for a 3F class with SSB, CW, Satellite, digital and GOTA stations. In their report the event co-chairs noted that the current AC power distribution cable would be inadequate and suggested that the Board consider upgrading AC distribution cables based upon 100 foot segments of arctic-grade 4-conductor, 8AWG cable and connectors as specified by John Lynn, KL7CY. The cost was estimated at \$1300. Jim Wiley suggested using 3-conductor 12AWG cable. Philip Mannie moved to approve up to \$1300 for AC power distribution cable and connectors as specified by a committee composed of Randy Vallee, Jim Wiley and John Lynn. The motion passed with Lil Marvin abstaining.

Jim Wiley noted that the 80m antenna would require some 300 feet of separation from the generator due to RF interference.

Philip Mannie moved that the Field Day operation be permitted to use the KL7AA call sign. The motion was approved with the proviso that copies of station logs are provided to Club Trustee Jim Feaster, KL7KB. Jim Larsen reported that Jim Feaster suggested that the Board consider requests to use the Club callsign on a monthly basis.

Philip Mannie moved that the Board approve the expenditure of \$195 to acquire a cooking device as specified by Field Day Chef Edie Lynn, KL7EL. The motion was approved.

Reports

Secretary

The minutes from the May 18, 2004 Board meeting were accepted on a motion by Judi Ramage.

Treasurer

Steve Jensen submitted a written report. He went on to add that the garage move had been successful; utilities had been moved and that pre-paid rent and the security deposit had been returned. Parts for the Grubstake project and Field Day receipts are coming in. Judi Ramage suggested holding an

open house at the new garage. Steve Jensen suggested a meal and Heather Hasper suggested a date in August for this event.

Gaming

There was no formal report.

ARES

Philip Mannie reported briefly on recent ARES events. He also moved that the Club callsign be made available for use at the Mayor's Marathon. The motion passed.

George Wilkinson reported that large vehicles parked at the CCV garage were posing access problems. Jim Larsen asked that parking problems be reported to him as they occur. George went on to suggest that Raven Electric inspect the garage electrical system.

Jim Wiley reported that the Club and he would split the cost of the partition construction.

Steve Jensen suggested that we investigate acquiring a security alarm for the garage.

VEC

Jim Wiley reported that the remote testing software had again been tested and that more programming work and testing would be needed. He went on to mention that other VEC organizations were willing to pay a per-test fee for use of the software.

Jim Wiley reported that test changes to accommodate the new General question pool were under way and that he was preparing for the NVEC conference in mid July.

Old Business

Membership Chair

Judi Ramage has been appointed Assistant Membership Chair.

Mt. Susitna Repeater

Jim Wiley reported that a July trip is planned to effect repairs on the repeater.

Grubstake Repeater

Jim Wiley reported that parts are on order.

Gaming

The Club is still seeking an Alternate Gaming Coordinator.

Morse Code Kits

Jim Wiley has been unable to confirm any problems with the kits and advises that the matter be dropped for lack of any evidence that any problems exist.

Corporate Documents

Jim Larsen reported that the new Articles of Incorporation, Bylaws and Rules of Procedure were approved by the membership at the June 4, 2004 General Meeting.

State Convention

There was no formal report.

State Fair

George Wilkinson reported that the AARC State Fair display would be set up as a simulated emergency communications center.

New Business

40m Antenna

Jim Wiley recommended the Club acquire a slightly damaged 40m Cushcraft Beam antenna available for sale at a cost of \$200. Philip Mannie moved that the antenna be acquired and repaired for a cost of up to \$350. The motion was approved.

Attorney Fees

Jim Larsen reminded the Board that the cost of a letter of opinion on potential conflict of interest from our attorney was \$300. While it is important to seek legal counsel when necessary the Board should also consider the cost.

Club Meeting Attendance Enhancement

Jim Wiley suggested that members be encouraged to bring children and grandchildren to meetings, and that activities appropriate to children, such as project kits, be provided.

Club Elections

Jim Larsen reminded the Board that under the new rules the Club election process begins in July with the appointment of the Election Committee.

Membership Dues

Randy Vallee moved that all current Club memberships expiring in 2004 be extended to December 31, 2004 and that memberships expiring in 2005 be extended to December 31, 2005 to simplify the transition to the new membership renewal schedule. The motion was approved.

Policy for Personal Property at Sanctioned Club Events

Jim Larsen turned the meeting over to Randy Vallee to move that personal equipment damaged while in use at a Club event be repaired or replaced at Club expense. The motion was approved and Jim resumed the meeting Chair.

ATV Kits

Mike O'Keefe suggested that the Club consider the acquisition of equipment to make ATV kits for emergency communication.

501C3 Filing

Jim Larsen noted that the Club Secretary, Treasurer and he would need to fill out an IRS document.

There being no further business the meeting was adjourned at 9:16 PM.

Respectfully submitted by Philip Mannie, Secretary.

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N2CQ QRP CONTEST CALENDAR
July 2004

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Summer FOX Hunt - CW:

Every Friday June 18 (UTC) through August 20 (UTC) 0100z to 0300z  
(9 PM - 11 PM EDT Thurs evening US/Canada)  
Info: <http://www.cqc.org/fox/>

Truffle Hunt - CW:

30 min before CW Fox hunt.

Info: <http://fpqrp.com/struffle.html>

**Summer SSB Fox Hunts:**

Every Friday June 18 (UTC) through August 20 (UTC) 0000z to 0100z  
(8 PM - 9 PM EDT Thurs evening US/Canada)

Info: <http://www.zianet.com/k5di/ssbfox.htm>

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RAC Canada Day Contest (CW/SSB) ... QRP Category
Jul 1, 0000z to 2359z

Rules: <http://www.rac.ca/opsinfo/infocont.htm>

"RUN WITH RAC" for more awards from QRP-Canada
See <http://www.qrp-canada.com/>

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Original QRP Contest (CW) ... QRP Contest!

Jul 3, 1500z to Jul 4, 1500z

Rules: <http://www.qrpcc.de/contestrules/oqrpr.html>

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MI QRP Fourth of July Sprint (CW) ... QRP Contest!

Jul 4, 2300z to Jul 5, 0300z

Rules: <http://www.qsl.net/miqrclub/contest.html>

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Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jul 6, 0100z to 0300z (US/Canada Monday evening)

Rules: <http://www.arsqrp.com/>

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FISTS Summer Sprint (CW) ... QRP Category

Jul 10, 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

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QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 11, 2000z to 2400z

Rules: <http://2hams.net/ARCI/index.htm>

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RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 18, 0900z to 1200z

Jul 18, 1300z to 1600z

Rules: <http://www.contesting.co.uk/hfcc/rules/rqrp.shtml>

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CQC Great Colorado Gold Rush (20 Meters CW) ... QRP Contest!

Jul 18, 2000z to 2200z

Rules: <http://www.cqc.org/contests/index.htm> ?

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Flight of the Bumblebees (CW) ... QRP Contest!

Jul 25, 1700z to 2100z

Rules: <http://www.arsqrp.com/>

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Ken Newman - N2CQ

[N2CQ@ARRL.NET](mailto:N2CQ@ARRL.NET)

<http://www.amqrp.org/contesting/contesting.html>

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## ARES Contact Information

District Emergency Coordinator:  
Phil Mannie, K1OQW  
Contact via Pager: 268-7609  
Email via [k10qw@alaska.net](mailto:k10qw@alaska.net)

Additional information on ARES can be found at the following URL:

<http://www.qsl.net/aresalaska/>

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## Repeater Report

### Doug Dickinson, KL7IKX

**Major interference problem on Site Summit solved!** And it turned out not to be a transceiver, repeater, or transmitter. The wideband pulsing noise that drifted up and down the band starting below 118 Mhz and ending somewhere above 460 Mhz was from MARS!

Actually it was from a controller that was installed last year on the US Army MARS repeater. Working with the FAA and the FCC it was determined that the noise which was intermittent was coming from the top of the mountain. The FAA then brought in a number of people and spectrum analyzers, even put a man on the mountain last winter with an analyzer and directional antenna to try to track the noise down, was only supposed to be there two nights, but weather shifted and he was stuck for a week! This spring when the road opened the FAA brought in their special RF van (makes the CCV look empty by comparison), and finally with the driver watching a spectrum display, and a tech walking beside the vehicle did they finally get the strongest echo's from the building that 90/30 and Eagle/Eagle4 is located in.

Since I'm the manager for the building I was called to assist, we went through the building with a fine tooth comb, turned off every transmitter, every receiver, even disabled the electronic controller on the new generator. Went up on the roof with a spectrum analyzer, maximum signal seemed to be on the outside of EVERY cable on the roof, but none of the antenna's appeared to be the radiator of the noise. 90/30 was getting hits every couple of minutes, I was hearing a trash signal coming in, and it was so strong and such a short burst it was running right over the ctcss decoder.

Finally in one of the equipment rooms, we got to the MARS repeater, turned off the transmitter, no change, turned off the receiver, no change, unplugged the float charger, no change, with 70db of attenuation on the front end of the spectrum analyzer the signal was still -35dbm, finally I laid the antenna on the battery backup supply for the MARS repeater and the signal went off the top of the display...what 'radiating

batteries'? that would certainly be one for the books. During this last part of the search I received a call from my dispatch center that our air to ground transceiver (127.450) was going wild with noise, so turned on the local speaker and could hear the squall, Finally undid the battery and, and the noise STOPPED! Absolutely quiet on the spectrum analyzer, and the air to ground transceiver. Put the fuse back in, noise came back, took fuse out, noise went away. Took all wiring away from the MARS backup battery set. Notified the licensee of the repeater of the problem. The only thing that was getting power after we turned off everything in the cabinet was a controller that put in hang time, CWID and allowed DTMF control of the transmitter. This is a crystal referenced microprocessor controller. Apparently the clock signal was a bit strong....since it was coupled to the negative side of the battery it was thought it was probably coupled to the ground in the building, which runs throughout the building, and across the top of the mountain. In Alaska, especially on a rock mountain, ground quite often isn't RF ground. The clock was so strong it was 'transmitting' itself along the 'ground'. Further investigation using another controller identical to the offending model showed lots of spurious RF coming from the board also. The manufacture has swept the board, and admits it radiates inside the amateur band on certain frequencies, they have never tested it outside of the amateur band. In addition the FCC can find no type 15 certificate for this device, since it's processor controlled it should have certification, and one of the things the FCC does in their labs before they certify a device is to check for spurious RF, across the entire band from DC well into the microwave region. Talking with the FCC engineer was informative also, apparently if a device goes in for part 15 certification, it also should have re-certification every time a mod is made to the device, but what usually happens is after the initial type certification by the FCC manufactures fail to have their devices re-certified after making mods or upgrades. (mods or upgrades that can alter the RF emissions of the device by quite a bit).

Bottom line, almost any electronic device is capable of making noise in certain parts of the spectrum. Be sure the devices you install with your repeater are all certified by the FCC under part 15, even something as mundane as a controller card.

73 Doug KL7IKX

**The Board of Directors has determined that all memberships will be extended until Dec 31st of the year in which they are due to expire. (Due to approval of new Rules of Procedure)**

**Examples:**

- **Expiration date anytime in 2004 (January to December) change to Dec 31, 2004**
- **Expiration date anytime in 2005 change to Dec 31, 2005.**

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## Alaska CW Net (ACWN)

Alaska CW Net (ACWN) still maintains a daily traffic watch on 3534 7042 and 14050 Khz....from Fairbanks. ACWN is a registered ARRL Section Net in Alaska.



Starting at about 0230Z every evening, AL7N in Fairbanks **maintains traffic watch** simultaneously and as continuously as possible on all three frequencies, until the following morning about 1700Z. Also guards 2 meters 144.100 Mhz (CW mode) in Fairbanks area.

Weekends, monitor continuously whenever in the house where can hear the speakers, day and night.

Saturday schedules with K6KPH on 14050 at or after 1800Z, whenever we can get thru depending on 20 meter band condx and contest QRM. K6KPH is relay to lower 48 NTS; closes down about 0100Z.

ACWN encourages other operators around the state of Alaska to participate and will gladly exchange WX and signal reports if nothing else...just to keep the pipe open. Will handle legal 3rd party written traffic to anywhere, even to e-mail addresses if specified. Working CW speed is regulated to suit the operator receiving...

If other nets have traffic they can't move, send 'em down to ACWN! "Listeners" on the ACWN watch frequencies probably won't hear anything unless they call with traffic or just call for a signal check/report which will be gladly supplied to anyone if we can hear 'em at all.

Ed Trump, AL7N ACWN Net Manager

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## Field Day Pictures

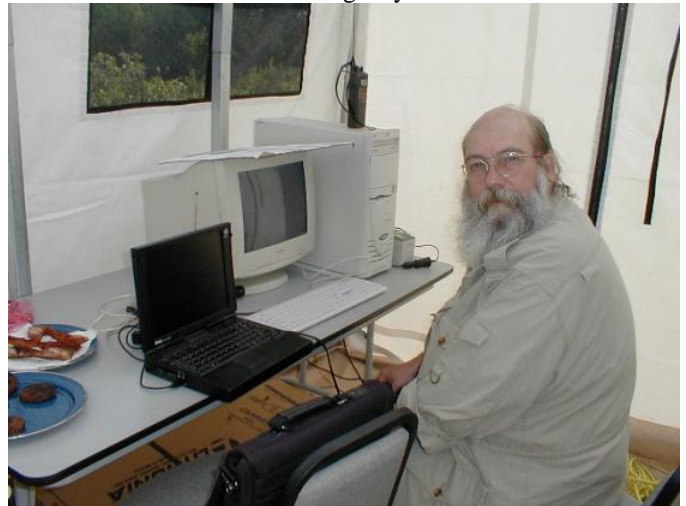
(Many more will be shown at the July AARC General Meeting.)



Heather Hasper, KL7SP, Operates the Satellite Station



Bruce McCormick, KL7BM and John Ramsey, KD6YKS – John is the Red Cross Emergency Services Coordinator



Phil Mannie-KL0QW-ARES District 7 District Emerg. Coord.



George Wilkinson II, KL1JJ-Main man on the CCV & Trailer

### Frequently Asked Questions About Amateur Radio and Broadband Over Powerline (BPL / PLT)

An excellent resource for understanding BPL can be found at:

<http://www.qrpi.org/~k3ng/bpl.html>

and also at:

<http://www.arrl.org/tis/info/HTML/plc/>





## Internet Links, the favorites from our readers:

**QRP and Hombrew Links** <http://www.qsl.net/al7fs>

**AARC** <http://www.KL7AA.org/>

**SCRC** <http://www.KL7G.org>

**EARS** <http://www.qsl.net/kl7air>

**MARA** <http://www.kl7jfu.com/>

**Moose Horn ARC** <http://www.alaksa.net/~kl7fg>

**ARES** <http://www.qsl.net/aresalaska>

**KL7J** <http://www.alaska.net/~buchholz>

**Fairbanks AARC:** <http://www.kl7kc.com/>

**Yukon Amateur Radio Association:**

<http://www.klondike.com/yara/index.html>

**HAARP Project:**

Amateur Radio Reference Library

<http://www.area-ham.org/library/libindex.html>

**Hamradio:** <http://www.hamrad.com/>

**Solar Terrestrial Activity** <http://209.130.27.95/solar/>

**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 [JimLarsen2002@alaska.net](mailto:JimLarsen2002@alaska.net).*

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**NEWSLETTER ARTICLES;** All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by mail, computer disk or E-mail to the newsletter editor at the address listed above. Submissions must be in the hands of the editor **no later than the 14 days prior** to the meeting or it may not be included.

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### Regular HAM Gatherings:

**Alaska QRP Club, Third Friday - 7:00 PM:** Hams with QRP (low power under 5 watts) and Homebrewing interests meet for a social meeting monthly. Meet at Denny's on DeBarr & Bragaw in the back room. Hungry QRPers start showing up about 6PM. Info contact Jim Larsen, AL7FS, [JimLarsen2002@alaska.net](mailto:JimLarsen2002@alaska.net) or 345-3190.

**Tuesdays Lunch, 11:30 AM:** Join the gang for lunch and an eyeball QSO at the Royal Fork, "South, on Old Seward Highway. Attendance varies from 8 to 24 each week.

**Thursdays Brunch, 10:30 AM:** Brunch at Lily's on Tudor Road just East of Tony Romas. A great bunch of folks attend this one.

**Saturdays Breakfast, 7:30 AM:** Here is a good way to get started on the weekend. Come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

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## THIS MONTH'S EVENTS

**1<sup>st</sup> Friday each month - AARC general meeting - 7:00 PM** in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.30+ repeater.

**1<sup>st</sup> Tuesday each month: 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.

**1<sup>st</sup> Tuesday each month: EARS general meeting - 6:30PM** in the club house/shack in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67-repeater.

**2<sup>nd</sup> Friday each month: SCRC general meeting at 7:00 PM** at Denny's on Debarr & Bragaw. Talk in on 147.57 simplex.

**2<sup>nd</sup> Saturday each month: 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.

**2<sup>nd</sup> Saturday each month: PARKA Meeting at 11:00 AM.** at Peggy's, across from Merrill Field.

**3<sup>rd</sup> Tuesday each month: AARC Board meeting at 7:00 PM** at Hope Cottage 540 W. International. All are invited and encouraged to attend.

**3<sup>rd</sup> Friday each month: Alaska QRP Club. 7:00PM** at Denny's on DeBarr in the back room. Info: Jim Larsen, 345-3190. Bring projects to share with the group. Some show up at 6:00PM to eat.

**3<sup>rd</sup> Saturday each month: ARES General meeting 9:30AM to 12:00 PM.** Call Phil Mannie ([kl0qw@alaska.net](mailto:kl0qw@alaska.net)) at 762-9590 for additional information. Also check for ARES Info at: <http://www.qsl.net/aresalaska/>

**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 Len Betts, KL7LB, [lelbak@yahoo.com](mailto:lelbak@yahoo.com).

**The last Saturday each month at 11:00 AM: Quarter Century Wireless Assoc - QCWA** at the Royal Fork, South of Dimond on Old Seward Highway. You need not be a QCWA member to attend.

### Who Do I Contact to Join AARC?

**Fred Erickson KL7FE -**  
[frederickson@iname.com](mailto:frederickson@iname.com)

Phone number: 345-2181

# Anchorage Amateur Radio Club Membership Application/Renewal

Membership Chairman: Fred Erickson KL7FE  
email: frederickson@iname.com  
Phone number: 345-2181

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

Mail-in Membership Application

\_\_\_ New \_\_\_ Renewal

Name: \_\_\_\_\_ Callsign: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Home Phone: \_\_\_\_\_

eMail address: \_\_\_\_\_

Dues for a calendar year are as follows: • Individual membership \$12.00 • Each add'l member-same address \$6.00 • Student \$no charge<sup>1</sup> • Life \$250.00<sup>2</sup> --<sup>1</sup>- "Student" is defined as any individual who is enrolled full-time at any educational institution, using the criteria for full-time enrollment of that institution. <sup>2</sup> --If over 65 yrs old, check with Fred.

I am enclosing payment for:

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

Total USD Enclosed: \_\_\_\_\_

Please Mail your Payment and this Completed Application to:

**Anchorage Amateur Radio Club**  
c/o Fred Erickson, Membership Chairman  
12531 Alpine Dr  
Anchorage, AK 99516-3121

**Anchorage Amateur Radio Club, Inc**  
Post Office Box 101987  
Anchorage, Alaska 99510-1987

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**Return Service Requested**



KL7TS, TJ Sheffield, and his radio shack on wheels  
(500 watts HF & 144, 220, 440, 1.2 Ghz with gain antennas)