Anchorage Amateur Radio Club

Next Meeting April 7

April Program – Emergency Services EOC Manager and Police Chaplain

Vince McCoy of the Anchorage Emergency Operations Center(EOC) and Chaplain Bert McQueen, the APD Chaplain, will speak to us on aspects of emergency service. Vince will give us a view into the Anchorage EOC and how the EOC is used in an emergency. He may speak to possible disaster scenarios. The disasters that could occur in Anchorage lead into Chaplain McQueen's topic. He will be speaking to the group about critical incident stress debriefing and the needs and benefits to members of our organization and how to act or react in the event of a disaster.

Club Website

http://www.kl7aa.net



ALASKA OUTGOING QSL Service

Jim Tvrdy, KL7CDG, is setting up an 'Alaskan Outgoing QSL Card Service'. He will be mailing directly to the QSL Bureaus throughout the world. After sufficient number cards have been accumulated for each Bureau, they will then be mailed. The cost is initially set at ten cents a card. He will be using the same guidelines as the ARRL with two exceptions, 1) a ham need not be a member of ARRL to take advantage of the service and 2) it would be available only to Alaskan Hams.

For an individual to send out QSL cards, the cost of mailing one ounce to any foreign country is \$0.84 with the exception of Canada and Mexico, which is

\$0.63 This can be fairly expensive if only one or two cards need to be sent out. By pooling our cards, considerable savings can be had, thus lowering the cost of QSLing and also cutting down the time for delivery and response time for everyone.

Jim is keeping a running list of quantity of cards for each country including those that do not have a QSL Bureau. Please check with him if you have cards going to any of these non- Bureau countries to see if they can be combined for a mailing (907-345-3063 or jjt95argo@gci.net.)

Anyone having QSL cards to send out, can hand deliver them to KL7CDG at the brunch on Thursday at The Birch Tree Dining (northwest corner of Bragaw and Debarr) starting at 930 AM or at the Saturday breakfast at Phillips International Inn (Northeast corner of International Road and Artic). Hams out in the bush can send their cards to AARC. POB 101987, Anchorage, AK 99510-1987.

Remember, the more people that use the Alaskan Outgoing QSL Service, the cheaper it will be.



IDITAROD XXXIV

I would like to Thank the Anchorage Amateur Radio Club (AARC), Polar Amateur Radio Club of Alaska (PARKA), Matanuska Amateur Radio Club (MARA), and the Seward Peninsula Amateur Radio Club (SPARKS) for the great support in the Last Great Race.

We were understaffed for the Start and Restart buy about twenty hams but the race went on.

I really want to thank all the Amateurs who came forward and volunteered to help me for the Start, Restart, Race HQ, and the $\frac{1}{2}$

trail. We had hams from Pennsylvania and North Dakota as well as from all over south central Alaska.

Special thanks go out to Gordon Hartlieb AL1W for his efforts as Start Coordinator; to Ray Hollenbeck KL1IL who jumped in when I was about to go under and saved the day for the ReStart; To Bernadette Anne my trail coordinator who's brilliance helped keep me focused that I was trying to drain the swamp; to Global Information Technology Satellite (GITSAT) for the Iridium Phones; and to GCI who's team gave me such outstanding support for the hotel and trail phones and internet.

We had great success with Echolink from the Rohn to Nikolai link back to Race HQ. We will expand this to include the Nikolai checkpoint next year. We weren't so lucky with the QPSK-31 from Ophir, Cripple to McGrath links, and were forced to use the Iridium Satellite Phones.

Some individuals have not yet received their volunteer hats. ITC provided me with a list from our master list (from the coordinators) of people who haven't received them yet. If you are one of them, e-mail me (kl7tq@arrl.net) or call and I will bring hats to the AARC and MARA meetings.

Please start planning to support the Iditarod for next year. My health and the stress of trying to get hams to volunteers has forced me to retire as the Communications Coordinator. I have advised the ITC that I will assist whomever they find to replace me. I have also recommended that they hire a Communications Engineer with an Amateur License.

Thank You All Mark Kelliher KL7TQ (2 quacks) kl7tq@arrl.net 694-3722



Electronics Recycling

Go ahead, fling out your old electronics—now you can do it easily and responsibly in Alaska! Learn how and why at the following event.

April 13, 6:30 to 9 p.m. BP Energy Center, 900 E Benson Blvd

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To continue with the electronics recycling theme, the April presentations will feature data file back-up techniques/ technologies and hard drive transfer/removal. This will prepare you to back up all of your data files and address data security concerns before you recycle your old PC systems, or just in general help you understand how to backup your data.

http://www.acs-pcug.org - for more information

Thank you, Jim Gribbin President - Alaska Computer Society - PC Users Group (907) 229-5085



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 (click the link below): 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.



From the SEC

Exciting new possibilities for amateur radio and ARES!

Fairbanks now has an operational WinLink system. KL7EDK, Jerry, has set up the first PMBO in Alaska with connections to the lower 48. A number of amateurs in the Fairbanks area now have WinLink capability. The new emcom kits that the Fairbanks group is putting together will also have WinLink on them. That gives the agencies that we serve the capability to send messages that look and feel like email.

This system operates via rf on VHF using a packet protocol and on HF Pactor, and/or internet. AirMail will also send files as attachments. The upper limit is about 30K, it also sends graphics but we all know how big they can be.

I have put together a document on setting up a Winlink station if anyone is interested. If anyone would be interested in setting up a PMBO in the Anchorage area, please contact Jerry Curry KL7EDK at jercurry@att.net.

We also have an add-on program called QForms. Since the whole state operates under ICS/NIMS, we will need to use their message format. QForms has the ICS 213 message form built in and the capability of sending it via WinLink.

The software links for WinLink are:

http://www.winlink.org

http://www.siriuscyber.net for the Airmail software
 http://www.winlink.org/aprslink.htm instructions to send messages from APRS to the WinLink system
 http://tinyurl.com/knyee for the QForms program

The software program for WinLink is AirMail. AirMail has the capability of keyboard to keyboard as well as sending the emails. It operates similar to any Internet email program.

This will be a great asset for emergency work. It is also being used by amateurs who have no access to phone or internet.

The other new exciting system we are testing is the D STAR system developed by the amateurs in Japan. Currently we have 3 of the ICOM ID-800H radios in use here in the Fairbanks area. This is cutting edge technology and we have the capability of helping determine the future of this new technology. D Star is digital radio. The ID 800 is capable of both digital and analog modes and can be used with any repeater. It will do voice and data simultaneously. It is great for sending files and other information. The chip in it is the same chip in the radios being used for the ALMR system but is a better grade. It will also take data from a GPS and send it out with its signal. Lots of exciting possibilities with this new radio system. The protocol developed by the Japanese amateurs is open and available. We look for there to be more development of software to use with this radio.

Linda Mullen AD4BL Section Emergency Coordinator ALASKA ad4bl@arrl.net

Call for AARC Historical Documents

Heather Hasper, KL7SP, has taken on the activity of collecting and organizing our Club historical documents. She is looking for AARC documents that you no longer want to maintain in your house. These might include newsletters, membership rosters, flyers, photos, or any other item of historical interest.

Please contact Heather at <u>KL7SP@ARRL.NET</u> or via pager at 907-275-7474



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, <u>JimLarsen2002 at alaska.net</u> or 345-3190.

For Sale by K3JMI

Bill Bear, Wasilla bearair@mtaonline.net 373-3373

- Icom IC 720A hf xcvr w/ mans, mic, speaker, ps, mobile mount, whip, and automatic antenna tuner \$425
- Icom 22S 2 mtr xcvr w/ manual, mic, dash mount bracket \$115
- Hallicrafter SX 25 rcvr w/manual (antique tube gear) \$75
- Kenwood TS 120S HF Xcvr w/manual, mic, speaker, ps \$325
- Kenwood TS 120S HF Xcvr \$225
- Kenwood AT 250 automatic antenna tuner \$250
- Kenwood TH 215A 2 mtr ht w/speaker-mic, whip, ni-cad batt pack, ac charger \$100
- Kenwood TM 2570A 2 mtr xcvr w/ manual, speaker, ps \$175
- HeathKit Packit 232 w/user, assembly manuals, schematics \$55
- Jamco JE610 ASCII keyboard (never used) w/ custom wood case \$25
- Heath Video Monitor Model ZVM 1220A with phono jack output \$45
- MFJ 1224 RTTY/CW computer interface w/user manual, schematic \$65
- MFJ J-941B Versa Tuner II \$20
- Regency ACT-T16K Programmable Scanner w/manual \$75
- Regency ACT-R10 H/L/U scanner w/uhf and vhf telescoping ant, dash mount bracket, AC/DC cables \$23
- Phillips 2 unit camper intercom, 12V dc
 \$30
- BC 221 AF sig gen w/ calib/instruction book \$79
- TS 174/U sig gen (US Army Signal Corps) w/ calib/instruction book \$79



Report on AARC project to support "Skywarn" program in NOAA National Weather Service Central Alaska Office. April 2, 2006

"All weather is local"

This is an adage that was truly brought home to me as a long haul truck driver. More than once we would find ourselves driving across the Midwest in horrible freezing rain, moving into and out of road ice in a short period of time.

We give our National Weather Service (NWS) the responsibility to let us know when the weather is getting dangerous. To meet that end the NWS invests in state of the art technology; imaging equipment, and computer models. Even with this effort, on a daily basis the forecasters in the 'war room' over on Sand Lake still benefit from knowing

'what is really happening' from time to time in their forecast region. Recognizing this information gap is a service that Ham radio can fill, the AARL has an MOU (Memorandum of Understanding) with the National Weather Service supporting the development of 'Skywarn' programs. In many regions of the lower 48, established Skywarn programs are providing service to the community by training radio operators to accurately report the weather they see to the forecasting office as real-time useful information. Often these programs are in place to track tornados, but there is also a need for tracking heavy rain, blizzard, high wind and other severe weather.

Did you know there are **six distinct micro-climates in the Anchorage Bowl** alone? We all have personal experience with this phenomenon. The NWS works day and night to keep us informed on the changes as they happen, at least the changes that they know of....

Here is the part where **Ham radio can provide service** to our community. NWS has 'state of the art' equipment, and skilled and trained staff, but they still need reports from the ground. "Hey, the radar says its raining and blowing like crazy up on Rabbit Creek, can anybody report what it looks like up Rabbit Creek way?" This quality of information will provide benefits to us all!

With this as a back-drop, I am working to prepare a proposal for the membership of AARC to support installing Ham radio in the National Weather Service office on Sand Lake Road here in Anchorage. At this writing, I have conducted a site visit to the office, have reviewed the information the forecasters are trying to collect, and will develop a full equipment proposal for a first phase of program installation for this office. I will propose that AARC buy the radio equipment and professional installation from a local vendor.

As the equipment is installed, **there are two training components** to develop. The NWS needs to have FCC licensed operators to use the equipment. They have committed to get the forecasters licensed to operate Ham radio. The second bit of training is to provide the opportunity for Ham radio operators to learn accurate weather spotting. This training will give the Ham radio community the education to tell the forecaster what they need to know in language that accurately describes the local weather condition.

This proposal will include installing a 2m / 70cm voice system, and a packet system in the NWS facility. With this equipment, the forecasters in the NWS office can collect real time and accurate information from virtually every place in their service area; immediately from the Anchorage Bowl, south onto the Kenai Peninsula, and north into the Susitna River valley. As the skill of the operators increase, the weather service can develop their own VOIP system or use the IRLP system that is developing in our state to access the Copper River Valley and the Kuskokwim River Valley. Both area's are part of the service area for the Sand Lake office.

This is a program that meets AARC objectives and is a worthy use of club funds by developing a program that provides a

public safety service. In the days ahead I will provide our board the opportunity to provide comment on the equipment that is appropriate for this installation, and prepare to ask the membership to approve funding this program. At the end of the day, we can improve the service of Ham radio to our community, and put our radio skills to use for benefit of our larger community. Please forward any comments to me at this email address opssteve@yahoo.com

Steve Jensen, KLØVZ



ARES Contact Information

Heather Hasper, KL7SP KL7SP@AARL.NET Pager: 907-275-7474

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

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

Scientists Issue Unprecedented Forecast of Next Sunspot Cycle

http://www.nsf.gov/news/news_summ.jsp?cntn_id= 105844&org=NSF&from=news

March 6, 2006

The next sunspot cycle will be 30 to 50 percent stronger than the last one, and begin as much as a year late, according to a breakthrough forecast using a computer model of solar dynamics developed by scientists at the National Center for Atmospheric Research (NCAR) in Boulder, Colo.

AMATEUR RADIO CRUISE to CARIBBEAN

December 3 - 10, 2006 out of Fort Lauderdale, FL http://www.hamradiocruise2006.com/

N2CQ QRP CONTEST CALENDAR April 2006

ARS Spartan Sprint (CW) ... QRP Contest!! Apr 4, 0100z to 0300z (First Monday 9 PM EDT)

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

QRP ARCI Spring QSO Party (CW)QRP Contest!!!

Apr 8, 1200z to Apr 9, 2400z Rules: http://www.grparci.org

NAQCC Straight Key/Bug Sprint (CW) *** QRP Contest ***

EDT: Apr 11, 8:30 PM to 10:30 PM UTC: Apr 12, 0030Z to 0230Z

Rules: http://www.arm-tek.net/~yoel/contests.html

EA-QRP Contest (CW) ... QRP Contest! Apr 15, 1700z to 2000z (10, 15 & 20 Mtrs)

Apr 15, 2000z to 2300z (80 Mtrs) Apr 16, 0700z to 1000z (40 Mtrs)

Apr 16, 1000z to 1300z (10, 15 & 20 Mtrs)
Rules: http://www.eaqrp.com/concurso.htm

RUN FOR THE BACON (CW) *** ORP CONTEST ***

EST: Apr 16, 9 PM to 11 PM UTC: Apr 17, 0100z 0300z Rules: http://fpqrp.com

FISTS/EUCW CW QRS Contest (CW) ... QRP Category

Apr 24, 0001z to Apr 28, 2359z

Rules: http://www.agcw.de/eucw/euqrs.html

QRP To The Field (CW) ...QRP Contest!! Apr 29, 1500z to Apr 30,0300z Rules:

http://www.zianet.com/QRP

72 de

Ken Newman - N2CQ N2CQ@ARRL.NET

Rohn 25G tower and rotor

For Sale: Rohn 25G tower & CDE Ham III rotator. Tower has top section, 3 10-foot

sections, dirt mount & all bolts. Rotator (Rated for up to 12.5 sq. ft.) includes mounting bracket, all bolts, wire & manual. \$495 for all (just about half price). Also, GE PowrMastr 150.8-174 2mtr amplifiers. Two units available. With manuals and hookup kits. 60Watt. \$20 each. Can show almost anytime. Call John, WA1ACN, 727-9056.





Southcentral Alaska Packet Nodes

145.0100 MHz

CALLSIGN ALIAS LOCATION

KL7AA-1 ANC RABBIT CRK ANCHORAGE AREA KL7AA-7 ANCBBS DOWNTOWN ANCHORAGE BOWL

KL7AA-8 AARC PART OF ANCBBS

NL7C-2 EAGLE SITE SUMMIT ANC/MAT SU/KENAI AREA

145.050

KL7GG-1 NEST EAGLE RVR ANC/MAT SU KL7IKX-10 DPD S.ANCH ANC/MAT SU/KENAI

147.3600

KL7GG-2 ERAK EAGLE RVR ANCHORAGE 9600 BAUD

147.9600

KL7AA-8 AARC PART OF ANCBBS

KL7IKX-3 #EMLNK S. ANCH REFLECTOR

KL7JFU-1 VALLEY FISHOOK/HATCHER PASS RO MATSU / ANCH

3.605 LSB

KL7AA-10 HF80 S.ANCH HF Side of things 300 BAUD

440.0500

KL7IKX-4 DD S.ANCH ANCHORAGE NL7C-4 EAGLE4 S.SUMMIT ANCHORAGE

THERE IS A FULL DUPLEX UHF LINK BETWEEN DPD AND ANCBBS/AARC THIS TIES 145.0500 TO 145.0100 (USING AARC) 440.0500 IS USED AS A BACKBONE TO TIE THE HF NODE KL7AA-10 HF80 INTO THE NETWORK.

ALL NODES OPERATE AT 1200 BAUD UNLESS OTHERWISE NOTED. THE FULL DUPLEX LINK BETWEEN ANCBBS/AARC AND THE 440.050/145.050/147.96 NODE STACK IS NOT A USER LINK.

73!

Ron Keech, KL1PL and Tim Comfort NL7SK



Data You Can Use:

Officers

President Jim Larsen, AL7FS president@kl7aa.net

Vice Pres. Judi Ramage, WL7DX vicepresident@kl7aa.net

Secretary Diane Olson, secretary@kl7aa.net

Treasurer Heather Hasper, KL7SP treasurer@kl7aa.net

Trustee Keith Clark, KL7MM trustee@kl7aa.net

Activities Chairman Vacant

News Letter Editor Jim Larsen, AL7FS

Membership Chairman Fred Erickson KL7FE

membership@kl7aa.net

Past-Pres. Jim Larsen, AL7FS pastpresident@kl7aa.net

Three Year Board Members

Jim Wiley, KL7CC jwiley at alaska.net

Paul Spatzek, WL7BF Paul.Spatzek at acsalaska.net

Frank Pratt, KL7RX kl7rx at arrl.net

One Year Board Members

Steve Jensen - KL0VZ, jensens at acsalaska.net

Richard Kotsch - WL7CPX, richardkotsch at yahoo.com

TJ Sheffield - KL7TS, kl7ts at hotmail.com

Edward Moses - KL1KL, kl1kl at ak.net

Mike O'Keefe - KL7MD, mok at gci.net

Kathleen O'Keefe – KL7KO kok at woodscross.net

 $Nick\ Casler-KL1XD\ ncasler\ at\ tertiary.net$

Art Morton - ALØU, Jam443 at Chugach.net

Bill Reiter - KL7ITI, wwryter at cs.com

AARC web page & Email contact addresses:

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

Webmaster: webmaster@kl7aa.net
President: president@kl7aa.net
Vice President: vicepresident@kl7aa.net
Membership: membership@kl7aa.net
Newsletter: editor@kl7aa.net

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting

Email: editor@kl7aa.net

Mail: 3445 Spinnaker Drive, Anchorage 99516

Nets in Alaska:

The following nets are active in South-central Alaska: 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 Alaska Pacific Net 14.292 MHz 8:00 AM M-F **ACWN (Alaska CW Net)** 3534, 7042 Daily @ 0700 – 1000, and 1900 - 2400 Alaska Time - AL7N or KL5T monitoring.

Net Purpose: Formal NTS traffic via CW.

No Name Net 146.85/.25 repeater Sundays 8:00 PM

Grandson of SSB Net 144.20 USB Mondays 8:00 PM local

Big City Simplex Net 146.520, 446.0, & 52.525 FM

With Packet 145.01 Tuesdays 8:00 PM local

ARES net 147.27/87 103.5Hz - Thursdays at 8:00 PM local

PARKA net 147.30/.90 Thursdays at 7:00 PM local

ERC VHF Net 147.27/87 103.5Hz - Sunday 7:30 PM local

ERC HF Net 3.880 MHz - Sunday 8:30PM local

Any AARC sponsored repeater, with or without an autopatch, will always be open to all licensed amateur radio operators in the area who are authorized to operate on those frequencies.

Anchorage & Mat Valley Area Repeaters-a/o Mar05

KL7AA systems at Flattop Mt., 2,200 ft

146.94/34 MHz, 80 watts, autopatch, 141.3 Hz PL (problems)

224.94/223.34, 25 watts, no patch, no PL

444.70/449.70, 25 watts, autopatch, 141.3 PL

**147.27/87 MHz, no patch, Mount Susitna 103.5 Hz

**443.3/448.3, no patch, Mount Susitna 103.5 Hz

KL7CC, Anchorage Hillside, SCRC & QCWA

146.97/.37 MHz, 30 watts, autopatch, 103.5 Hz PL

KL7M Anchorage Hillside

147.21/.81 MHz, on IRLP, 97.4 Hz PL

KL7ION at Mt. Gordon Lyon, PARKA 3,940 ft

147.30/90, MHz - 80 watts, no patch, 141.3 Hz PL

KL7AIR Elmendorf AFB, EARS

146.67/.07, 107.2 Hz PL

KL7JFU, KGB road, MARA club

146.85/.25, autopatch, no PL

Palmer IRLP

146.64/.04, simplex patch, no PL

Mile 58.3 Parks Highway IRLP

147.09/.69 MHz, 97.4 Hz PL

KL3K, Girdwood - IRLP

146.76/16 MHz, 25 watts, no patch, 97.4 Hz PL

South Anchorage IRLP

146.79/19 MHz, 100 Hz PL

Anchorage IRLP - KB8JXX

146.82/22 tone unknown

South Central Area Simplex Frequencies

146.52 MHz Calling and Emergency frequency

147.57 / 447.57 (crossband linked) HF spotters & chat, 103.5

HZ PL

146.49 MHz Anchorage area simplex chat

146.43 MHz Mat Valley simplex chat

147.42 MHz Peninsula simplex chat

146.58 MHz Simplex IRLP - Wasilla Lake

VE Testing in the Valley

Valley VE testing 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

Internet Links, the favorites from our readers:

QRP and Hombrew Links http://www.AL7FS.us

AARC http://www.KL7AA.net/ **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.gsl.net/aresalaska **Practice Exams:** http://www.AA9PW.com/ **Fairbanks AARC**: http://www.kl7kc.com/ Yukon Amateur Radio Association: http://www.klondike.com/yara/index.html

Links for Homebrewers & QRPers http://www.amgrp.org/misc/links.html

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 editor@kl7aa.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 10 days prior to the meeting or it may not be included.

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 at alaska.net or 345-3190.

Thursdays Brunch, 9:30 AM: Brunch NW corner of Debarr and Bragaw. 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.

THIS MONTH'S 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 147.30+ repeater.

1st 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.

1st Wednesday quarterly: EARS general meeting, Meets quarterly at R1 North, next scheduled meeting is the first Wednesday of May at 1730. Additional meetings as required will be announced. Contact info - PO Box 7069, Elmendorf AFB 99506 Or email Ron Keech, KL1PL for information. Email - kl7air@qth.net or ronkeech@kl1pl.us (home) 349-2442

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

2nd 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.

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

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

3rd 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.

3rd Saturday each month: ARES General meeting 9:30AM to 12:00 PM. Call TJ Sheffield – KL7TS: kl7ts at arrl.net HM: 248-3864 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 at yahoo.com.

Who Do I Contact to Join AARC Or pay membership renewals?

Fred Erickson KL7FE 12531 Alpine Dr Anchorage, AK 99516-3121 frederickson (at) iname.com **Phone number:** 345-2181

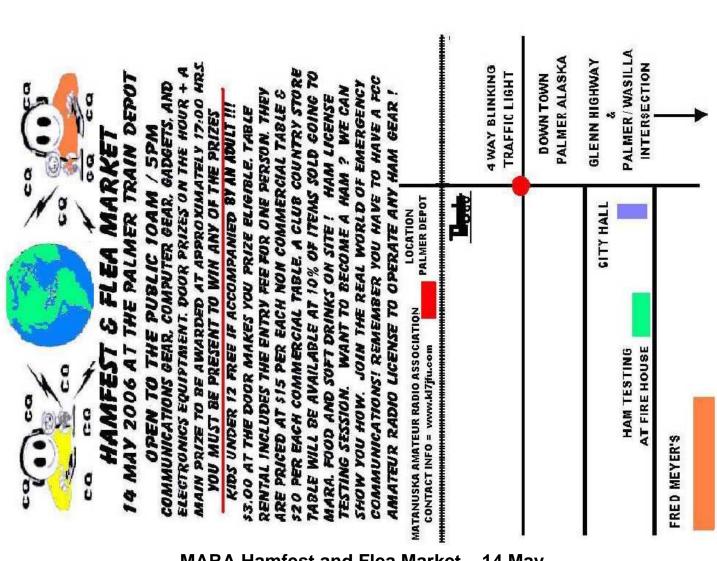
Annual Dues are \$12 (prorated as appropriate) Additional Member in same household is \$6.

Full Time Student is no charge.

Ask about Life Memberships.

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

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



MARA Hamfest and Flea Market - 14 May