June 2010 Meeting:

As of the date of this publication we know of no scheduled program for this meeting. However, there are many issues to discuss.

Hi everyone: HELP!!! Our good name is out in the community and we are known for our public service. Although we support many activities this time of year, we have another request for the club to support.

The request comes from the Anchorage Running Club. They are calling it the “Big Wild Life Runs” The event is Sunday August 15, 2010. Races begin with the marathon walk at 8:00 am: Marathon and half Marathon start at 9:00 am. Course will be open for 7 hours for walkers – close at 3:00 pm. 5K starts at 9:30 and runs entirely on downtown streets.

If you might be interested in coordinating or helping out with this event, the details are on the Anchorage Running Club’s website, including the maps, at: http://www.anchoragerunningclub.org/bwlr.

The point of contact is Sharron Fisherman. Assistant Race Director, Anchorage Running Club.
677-3665 (H), 503-473-6740 (C) and her E-mail address is wfisherman1@comcast.net.

As far as I know, there are no Amateur Radio Operators who have stepped forward to help organize this event. If you would like to volunteer or organize the volunteers for the event, I am sure that Sharron would appreciate it. She needs to know whether she can count on us or not.

Submitted by the AARC Activities Director, T.J. Tombleson - KB8JXX.

New Newsletter Editors:

With Heather’s departure to greener fields, my husband Lara (AL2R) and I have volunteered to do the newsletter work.

Since we are new to AARC, relatively new to Ham radio, and VERY new to newsletter publishing, please bear with us through our growing pains.

Unfortunately, we will not always recognize usage conventions that are familiar to all of you. And we will not always know where to get information that needs to be published.

Along those lines, please let us know what information you would like to see in the newsletter and send us any ideas for articles about amateur radio that should be published. If you are inclined that way, please consider writing an article yourself.

Thanks for your consideration.

Alice Baker
KL2GD
editor@kl7aa
Seven Layers of Confusion
by Lara Baker, AL2R

(Editors' note. This is the first in a series of short articles on computer networking. Articles will appear at irregular intervals.)

We all use computer networks every day, sometimes directly and sometimes indirectly. In trying to get a handle on what's happening where in these networks, the International Standards Organization (ISO in English and OSI in French) published a general model that can be used to describe almost any computer network and the various components of the network. The model describes services provided by each of seven layers - services each layer provides to the layer above it. Thus, in order to provide packet-moving services, Layer 2 uses the bit-moving services provided by Layer 1. The model has come to be known as the “Seven-Layer” model for obvious reasons. Here are the layers and some of the services provided by each layer.

Layer 1, the Physical Layer. This layer is the layer that actually connects nodes in the network and moves bits among these nodes. This layer is concerned with simple things like: “What kind of cable (coaxial or twisted-pair) are we using?” and “What voltage means a one; what voltage means a zero?” and “How fast are we going to be sending and receiving bits?”. This layer does one thing - it moves bits. It does no error detection or correction or anything else - it just moves bits. Those bits move along the connecting medium, usually a cable.

Layer 2, the Data Link Layer. This layer groups bits into a useful lump called a frame. It sends a complete frame as a single item using the services of Layer 1 to actually move the bits. It also adds some error-detection bits (called a checksum) and requests a retransmit if the checksum indicates an error in transmission. At this layer, the frames move from device to device on the same physical network, such as from one network card in one computer to another network card in another computer, both connected by a single cable. Each of these devices has a unique physical address, set by the manufacturer, called the Media Access Control (MAC) address.

Layer 3, the Network Layer. This layer is concerned with the transmission of packets, i.e., groups of bits with a specific meaning - a meaning that is defined by an agreement that is called a protocol. This is the layer that moves packets between computers that are not necessarily connected by a single cable, but may be connected through a chain of computers, any of which may be continents away from another. Layer 3 uses the services provided by Layer 2 to move the bits in the packet on to the next computer in the chain. The most-common connection protocol in use today is called the TCP/IP protocol. This layer, Layer 3, is the “IP” (Internet Protocol) part of TCP/IP. Devices talking to each other at this layer each have a [nominally unique] address called an “IP address.”

Layer 4, the Transport Layer. This layer is concerned with moving messages reliably, regardless of the size of the message, within reason. This layer breaks a longer message into packet-sized chunks, uses the Layer 3 services to move these packets to their destination, and
reassembles the packets into the complete message at the receiving end. Obviously, this involves keeping track of which packet is which in the message, whether or not all the packets actually get to their destination, and so forth. The most-common Layer 4 protocol is the Transport Control Protocol (TCP.)

**Layer 5, the Sessions Layer, and Layer 6, the Presentation Layer.** These layers are part of the theoretical model, but are seldom actually implemented in real life. For example, one of the Layer 6 functions would be to change character sets. In the real world, the users’ applications now take care of such changes.

**Layer 7, the Application Layer.** From most people’s perspective, this is where useful work gets done. This layer is where electronic mail happens (using the Simple Mail Transfer Protocol [SMTP],) where files are transferred (using the File Transfer Protocol [FTP],) and World-Wide Wed access is done (using the HyperText Transfer Protocol [HTTP],) among a myriad of others. Theoretically, these applications use Layer 6 services, which use Layer 5 services, which use Layer 4 services, and so on. In reality, essentially all real services at this layer use Layer 4 services directly.

Most protocol suites (such as TCP/IP) have incorporated security as an afterthought, if they consider security at all. As Ham operators, we all know that reliable communications do not happen by accident — they take a lot of work. Originally, communications between computers was so difficult that no one was willing to take the time to consider security. As computer-to-computer communications moved from being *impossible* to being *hard* to being *easy* to being *common* to [now] being *ubiquitous*, security has become a major concern. Secure protocols and work-arounds for TCP/IP networks have been developed and are being implemented, albeit slowly.

This article has used the TCP/IP suite of protocols as examples of the ISO layers. The next-most-common networking suite of protocols is used by “Windows® Networking,” and is referred to as SMB (Server Message Block.) SMB is very powerful, very easy to use, and almost totally insecure. A later article will discuss Microsoft® Networking and how to secure it.

lara_baker@ieee.org
If you have seen any of this equipment, please notify Dale (or the APD).

From Dale:

Last weekend I attended the MARA hamfest. It had small attendance but was good. KL4E helped me with the AMSAT table. Craig did the Satellite demos.
I came down to Anchorage to spend the rest of the weekend with my Daughter, Son in law and grandkids before returning home Monday morning.
Well when I went out to start car Monday morning ....what a surprise!
Someone or persons had broken into my Jeep Cherokee and pretty well cleaned me out. I was parked in my daughters driveway. I think they used a slim jim to gain access.
The list of items as reported to the AK PD follows.
   1 Dell Inspiron 8000 Laptop Computer
   1 CTL LCD17" monitor
   1 Yeasu VX1 HT
   1 Yeasu VX5R HT (serial number 9H111490)
   1 Programming setup for computer to HT
   1 Box of specialized AMSAT Merchandise
       Including Software tracking pgms, dvds from symposiums
       and ARRL Sat Handbooks and lots of T shirts, ball caps
       Golf shirts and other misc. items.
They got my cash box with receipts from the hamfest.

I also had one Timewave PK-96/100 TNC for 9600/1200 baud (serial number 12371) that I had purchased so I could up link to satellites for telemetry.

Thank you,

73, Dale/KL7XJ

*** Notice ***

Open House: On Saturday, June 5th the National Weather Service Forecast Office in Anchorage will be hosting its annual Open House from 8 AM – 4 PM. Office tours will be available throughout the day. Spotter Training is at 10:30. See the weather balloon launch at 3:00. The office is located at 6930 Sand Lake Road in Anchorage (266-5105).
AARC General Membership Meeting Minutes  
May 7th, 2010 7 pm

At 1903, Randy Vallee, KL7Z, as President opened the meeting.

After the usual round of introductions, the program for the evening started.

Randy announced that there had been a mix-up and the scheduled speaker hadn’t come.

We took a short break for conversation and other matters.

Randy asked for volunteers to take over the monthly newsletter publication.

Randy took a vote on replacement Board members.

Among the several door prize winners were AL2R and KL2GD. Adjourned at 2000.

Respectfully Submitted, Alice Baker (KL2GD)

---

KL7AA Board Meeting Minutes — May 18th 2010

Unfortunately, due to a lack of a quorum, there was no AARC Board Meeting on May 18th.

Please turn out for the next Board meeting on June 15th.

---

AARC BADGES

The badge comes with your Name and Callsign engraved, the club logo on an arched 3 inch dome as well as the option of purchasing individual name plates for each position you have served for AARC. If you are interested in purchasing an AARC badge, the costs is $20.00 per member for each badge and $2.00 per customized name plate. Badges have the option of a pin or magnet attachment. For more information about this project or to order your badge today in time for the convention and outdoor public activities, please contact Michael O’Keefe, KL7MD at 907-351-4038 or via email at: mok@gci.net.

When ordering, please indicate your name, Callsign and if you wish to have any additional name plates added. Orders take approximately 10 days for printing and our made locally in Anchorage.
Upcoming Events

Mayor’s Marathon, June 19th, 2010

NEEDED -- at least 25 HAMs for the Mayor’s Marathon on Saturday, June 19th. The AARC has supported this event for many years -- it is a fun event and a good way to get started in public service events.

If you can help, please contact John Lynn (KL7CY) KL7CY@arrl.net or 907-337-1091

Field Day 2010 — June 25, 26
Where: Kincaid Park
When: Setup June 25th, Kick-Off June 26th
Contacts: Keith Clark, KL7MM, TJ Sheffield, KL7TS
See details on page 13.

This year’s Governor’s Picnic will be held Saturday, July 17th at the Delany Park Strip, from 12-3 pm. Mike O’Keefe (KL7MD) will be unavailable for this event. We need someone to volunteer to drive the CCV (from about 9 AM to 4 PM). If you can help with this event, please contact Mike at mok@gci.net or 907-243-4675.

The 5th Annual Kenai Peninsula Hamfest will be held on Saturday, July 17, 2010. The Hamfest will be held at the same location as last year: the Kenai Emergency Management Building on Wilson Lane behind the Soldotna FD. Doors open for table setup at 9:00 am and general admission is 10am - 4pm. Admission is $4 and tables $10 (includes one door admission). Door Prizes, Raffle of new ham equipment, VE Exam Session at 2pm, Speakers, and more.
Check out the details at http://www.moosehornarc.com/Hamfest2010.htm
Ed Cole - KL7UW
MHARC VP

Anchorage Running Club’s Big Wild Life Run — Sunday, August 15, 2010
See front page for information.

AARC Hamfest — Saturday, August 28, 2010
If you have questions about the Hamfest or if you would like to participate as a donor, speaker, or vendor, please contact Kathleen O’Keefe (KL7KO) at kok@woodcross.net.
The MODULATION TIMES will no longer be sent out by US MAIL! In an effort to control club cost and to continue to modernize our resources, the board of AARC has decided that as of 5/31/2010 all future newsletters will be in ELECTRONIC format only. If you have special needs or concerns please send your comments to editor@kl7aa.net to bring to the attention of the board of AARC. Current and newsletters from years past can be found on the club website at www.KL7AA.net

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
4 element SteppIR, with 6 meter elements, 140' of control cable. Not working again this winter. Extended warranty good through October 2010. As is where is. On top of 80' guyed tower. $1,200. Price will go up if I take it down this summer.

KL7GS 376-3865

Slow Scan TV Transmitter, with Power Supply & Hub. $50 or best offer. For more information or to see equipment contact KL7SP@arrl.net 275-7474.

1. ICOM ICR7000........ $550.00
   Description: 25 - 1000/ 1025 - 2000 MHz multimode communications receiver with 99 memory channels. Operator’s manual and service manual
2. Yaesu FT-530, ........ $250.00
   FNB-26S AND FNB-26, MH-29A2B. 2M, 70CM (LCD Display mic with remote functions), VINYL CASE, NC-42 QUICK CHARGER
3. Brand new Simpson 260-8 volt-ohm meter $200.00
4. SGC SG-2000, no microphone $750.00
   This is an extremely high quality 150 watt HF SSB, CW and AM Transceiver for Marine or Ham use
5. SGC SG-230 smart tuner $450.00
6. ICOM R3 Wideband Receiver, CP-18 Cigarette lighter adapter with filter $300.00
7. Alden 9315 HF (Radio) Weather Fax............... $30.00
8. Motorola MiCOR Base radio 25-20 MHz........ $30.00
9. AVMap G4T GPS ..................................... $300.00
10. (3 each) Fluke Y8101A Clamp on AC current probe............... $35.00
11. Garmin GPS 45 ................ $25.00
12. (2 each) Garmin GPS Antenna.................... $20.00
13. BIRD 4410A Wattmeter, 2 slug w/case........... $650.00

CONTACT:
NL7TZ, TOM RUTIGLIANO, 376-2857 anytime or via EMAIL: NL7TZ@arrl.net

If you have equipment that you want to have listed for sale, please notify the editor at editor@KL7AA before the 20th of the month. Thanks for your help.
### June 2010

**ARES DISTRICT 7 & 5**  
**KL7AA & KL7JFU**  

**Anchorage Amateur Radio Club**  
PO BOX 101987  
9510-1987  
[www.KL7AA.net](http://www.KL7AA.net)

---

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>4</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>9</td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>10</td>
<td>11</td>
<td>18</td>
</tr>
<tr>
<td>VE Testing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>19 Mayor’s Marathon</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>14</td>
<td>15 AARC Board Meeting 7PM</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25 MARA Meeting 7PM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
|     | Parka, meets at Peggy’s restaurant, 11AM  
Contact: Lil Marvin KL7DL, 277-6741  
EARS: R1 North, Third Saturday of each month.  
Contact: Ron Keech KL7YK@arrl.net |

---

**Mayor’s Marathon**

- Saturday, June 19th.
- Volunteers needed.
- Contact John Lynn, KL7CY@arrl.net

---

**ARES NETS:**

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

### Data You Can Use:

<table>
<thead>
<tr>
<th>Freq</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>Phone patch</td>
<td>Ft. Richardson</td>
</tr>
<tr>
<td>146.88</td>
<td>no tone</td>
<td>AL7LE</td>
<td>Phone patch</td>
<td>Kenai Soldotna</td>
</tr>
<tr>
<td>146.82</td>
<td>103.5</td>
<td>KB8JXX</td>
<td>IRLP</td>
<td>Anchorage</td>
</tr>
<tr>
<td>146.76</td>
<td>123.0</td>
<td>KL3J</td>
<td>IRLP</td>
<td>Seward</td>
</tr>
<tr>
<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>Phone Patch</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>
</tr>
<tr>
<td>147.30</td>
<td>141.3</td>
<td>KL7ION</td>
<td>Very Wide Area</td>
<td></td>
</tr>
<tr>
<td>146.85</td>
<td>no tone</td>
<td>KL7FU</td>
<td>Phone patch</td>
<td>Mat Valley</td>
</tr>
<tr>
<td>146.91</td>
<td>no tone</td>
<td>KL7JL</td>
<td></td>
<td>Homer</td>
</tr>
<tr>
<td>147.15</td>
<td>107.2</td>
<td>NL7J</td>
<td>Phone patch</td>
<td>Eagle River &amp; Chugiak</td>
</tr>
<tr>
<td>147.33</td>
<td>103.5</td>
<td>WL7CVF</td>
<td>Cross linked to 443.900</td>
<td>Very Wide Area **</td>
</tr>
<tr>
<td>443.900</td>
<td>103.5</td>
<td>WL7CVF</td>
<td>Cross linked to 147.330</td>
<td>Very Wide Area **</td>
</tr>
<tr>
<td>147.27</td>
<td>103.5</td>
<td>WL7CVG</td>
<td>Cross linked to 443.300</td>
<td>Very Wide Area *</td>
</tr>
<tr>
<td>443.300</td>
<td>103.5</td>
<td>WL7CVG</td>
<td>Cross linked to 147.27</td>
<td>Very Wide Area *</td>
</tr>
</tbody>
</table>

*The following nets are active in Alaska:*

**VHF**

- **ARES Net:** 147.27/87 103.5Hz - Thursdays at 8:00 PM local
- **No Name Net:** 146.85/25 repeater Sundays 8:00 PM
- **Big City Simplex Net:** 146.520, 446.0, 52.320 FM, 29.6 FM, 28.400 USB With Packet 145.01 and 147.96, Tuesdays 8:00 PM local
- **Grandson of SSB Net:** 144.20 USB Mondays 8:00 PM local
- **Alaska VHF Up Net:** 144.200 USB Saturdays 9:00 AM local
- **Statewide LINK Net:** 145.15(-) PL 123.0Hz; Sundays 8PM local
- **ALASKA ARES Statewide ARES NET:** IRLP Alaska Reflector (9070) Thursdays at 830PM Local
- **Alaska Morning Net:** 145.15(-) PL123.0Hz; Daily at 9:00 AM

**HF**

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

---

### 2010 Board of Directors

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Callsign</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Randy Vallee</td>
<td>KL7Z</td>
<td>president at kl7aa.net</td>
</tr>
<tr>
<td>Vice President</td>
<td>Heather Hasper</td>
<td>KL7SP</td>
<td>vicepresident at kl7aa.net</td>
</tr>
<tr>
<td>Secretary</td>
<td>Paul Spatzek</td>
<td>WL7BF</td>
<td>secretary at kl7aa.net</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Calex Gonzalez</td>
<td>KL2BT</td>
<td>treasurer at kl7aa.net</td>
</tr>
<tr>
<td>Activities Chairman</td>
<td>TJ Tombleson</td>
<td>KB8JXX</td>
<td>activities at kl7aa.net</td>
</tr>
<tr>
<td>Trustee</td>
<td>Keith Clark</td>
<td>KL7MM</td>
<td>trustee at kl7aa.net</td>
</tr>
<tr>
<td>Membership Chairman</td>
<td>Alice Baker</td>
<td>KL2GD</td>
<td>membership at kl7aa.net</td>
</tr>
<tr>
<td>News Letter Editor</td>
<td>Lara Baker</td>
<td>AL2R</td>
<td>editor at kl7aa.net</td>
</tr>
</tbody>
</table>

#### Three Year Board Members

- 3rd Year: Eric McIntosh KL7FM KL7FM@arrl.net
- 2nd Year: Bruce McCormick KL7BM KL7BM@arrl.net
- 1st Year: Tom Rutigliano NL7TZ NL7TZ@arrl.net

#### One Year Board Members

- TJ Sheffield KL7TS KL7TS@arrl.net
- Michael O’Keefe KL7MD mok@gci.net
- John Orell KL7L KL7L@arrl.net
- Susan Woods NL7NN NL7NN@ Yahoo.com
- Pat Wilke WL7JA w7ja@cleanwire.net
- Sean Jensen KL2CO KL2CO@arrl.net
- Hugh McLaughlin KL7HM KL7HM@arrl.net
- Kathleen O’Keefe KL7KO kok at woodscross.net

### South Central Area Simplex Frequencies

<table>
<thead>
<tr>
<th>Freq</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>146.52 MHz</td>
<td>Calling and Emergency frequency</td>
</tr>
<tr>
<td>147.57 MHz</td>
<td>National DX Calling / Coordinating 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>
</tr>
<tr>
<td>146.42 MHz</td>
<td>Peninsula simplex chat</td>
</tr>
<tr>
<td>447.57 MHz</td>
<td>DX Calling / Coordinating frequency</td>
</tr>
</tbody>
</table>

#### WINLINK

<table>
<thead>
<tr>
<th>WINLINK</th>
<th>Callsign</th>
<th>Frequency</th>
</tr>
</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>
Who Do I Contact to Join AARC
Fred Erickson KL7FE
12531 Alpine Dr
Anchorage, AK 99516-3121
E-mail: membership (at) 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.
Ask about Life Memberships

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

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

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

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

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

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

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

The last Friday each month: MARA meeting at 7PM Fire Station 61, located two blocks up Lucille Drive, from the Parks hwy. Talk-in help for the meeting can be acquired on either the 146.640 or 146.850 repeaters. Further details can be found by contacting Tim Comfort, NL7SK, NL7SK at arrl.net

AARC web page & Email contact addresses:
Homepage: http://www.KL7AA.net/
Webmaster: webmaster at kl7aa.net
Membership: membership at kl7aa.net
Newsletter: editor at kl7aa.net
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 operations. The station is fully integrated with a PC and soundcard to operate in many digital modes. There are weekly contests to participate in even if just helping Hams all over the world gain points and multipliers to win awards.

Your club station is quite capable and has great ears. Club operators have made many QSO's with all modes on all continents. Recent activities have seen SSTV QSO with New Zealand, hearing a Fallujah Iraq operator on PSK, a 15 meter contact to Peru during the CQ WW Phone contest. Common contacts are made with the lower 48 states and Caribbean, Canada, Japan, Korea, Taiwan, China, Russia and islands in the Pacific.

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

Are you a member of ARRL?

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

Fore more information about the ARRL DXCC Program check out: http://www.arrl.org/awards/dxcc/

KL7AA Mail Reflector

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

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

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

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

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

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

The MODULATION TIMES is the monthly newsletter of the Anchorage Amateur Radio Club, published by and for its members. The entire contents of this newsletter are copyright 2008 by the Anchorage Amateur Radio Club.

Permission is hereby granted to any not for profit Amateur Radio Publication to reprint any portion of this newsletter provided both the author and Anchorage Amateur Radio Club are credited.
Field Day 2010

Field Day is an annual emergency communications training exercise and is the largest on-the-air operating event in amateur radio. The last full weekend in June provides a unique opportunity to showcase the capabilities of the Amateur Radio Service. At Field Day we have a chance to demonstrate these resources to the public, elected officials, served agencies and other amateur radio operators world-wide.

Where and When?

Field Day 2010 is at Kincaid Park. We've been out there for the past several years.

Meet at the CCV garage on Rowan Street, Friday morning, June 25th, at 0900 hrs for setup and testing.

The event officially kicks-off the next day, on Saturday, June 27th at 10:00AM, with continuous operation for the next 24 hours.

To get to Kincaid Park, take Raspberry Road west. Turn left (south) approximately one-half (1/2) mile after crossing under the wooden foot bridge, into a parking lot called the Nike Staging Area.

When we’re driving (on Friday and Sunday) we’ll be on 146.490 simplex, however event talk-in is on the portable repeater, 449.650, minus (-) no tone.

The SSB, Get-On-The-Air (GOTA) and Digital stations are located at the Nike Staging Area. We call this area the “South” location.

The CW station (North) is a right turn onto the road just before the FAA radar site, leading to the Hundeplatz dog training area.

This location, the bunker near Kincaid Chalet and the facilities on Site Summit are remnants of the last two Nike-Hercules missile battalions in the United States.

Purpose

What is the real purpose behind Field Day?

This event provides an opportunity to design and test enhancements to our communications systems, develop operator skills, continue relationships with served agencies and showcase our capabilities to elected officials and the general public.

Get-On-The-Air (GOTA) Station

The ARRL wants us to provide an opportunity for new (or generally inactive) operators to Get-On-The-Air. The GOTA station will be a “time-share” with the high powered SSB station in the CCV. We have dedicated, full-time “coaches” to assist new operators in making contacts.

Help Make Field Day a Success

Please join us for Field Day 2010 and begin your field based training experience using the club’s high performance communication and support systems!

Sincerely,

Keith Clark, KL7MM
TJ Sheffield, KL7TS
Field Day Co-Chairmen