

Anchorage Amateur Radio Club

Next Meeting December 7th 2007, 7:00 PM



DECEMBER PROGRAM:

We will be having a December gathering however there is no official agenda items at this time.

AARC CHRISTMAS PARTY:

When: Saturday, December 8 at 6 PM

Where: Sourdough Mining Company

The fare will be off the menu. If you plan on attending, you need to notify Lil Marvin NL7DL at 277-6741 by the evening of December 7 (or preferably sooner) so we can have a head count for the restaurant by the morning of December 8.

If you would like to participate in the gift exchange/Chinese auction at the Christmas party, then bring a wrapped gift of no more than \$25.00.

TOWER ORDINANCES? In Anchorage?

What are they and how do they impact your station?

You can not have not been in Anchorage for the last month without hearing something about antennas and tower restrictions. If you have been monitoring any of the local repeaters in South Central Alaska you have been hearing discussion about what are an amateur radio operators 'rights' to have an antenna tower in Anchorage.

Why all the chatter? Well as with most things in Alaska it takes time for municipalities, government bodies and the citizens to catch up to the rest of the country. Alaska typically has been about 10—20 years behind 'changing technology' that impacts a community.

Since the early period of cell phone towers during the 1980's in the lower 48, tower ordinances started popping up across the country limiting a citizen's ability to install an antenna tower. This has been done all over the nation through modification of local and regional zoning ordinances and state statutes.

When the statutes started to occur, the ARRL petitioned the FCC by filing a Request for Issuance of a Declaratory Ruling asking them "to delineate the limitations of local zoning and other local and state regulatory authority over Federally-licensed radio facilities." In response to this request, the FCC issued a Memorandum Opinion and Order in PRB-1 adopted September 16, 1985.

To get a copy, go to:

<http://www.k3pgp.org/prb-1.pdf>

While the FCC recognized that there are certain general state and local interests, they also acknowledge that there is also strong federal interest in promoting amateur communications. They acknowledge amateur radio service as a voluntary, noncommercial communications service, particularly with respect to providing emergency communications. The ruling stated that 'the amateur radio service provides a reservoir of trained operators, technicians and electronic experts who can be called on in times of national or local emergencies.

They go on to conclude that 'State and local regulations that operator to preclude amateur communications in their communities are in direct conflict with federal objectives and must be preempted.'



So what does Pre-emption mean?

Preemption is a legal doctrine rooted in the Supremacy Clause of the U.S. Constitution. It provides that federal law "shall be the supreme Law of the Land." Thus, certain state and local laws that are inconsistent with federal law are void and unenforceable. Preemption is a useful legal tool for those who face burdensome local regulations. If federal law preempts a local tower ordinance, then the tower owner may not have to comply with the local requirement.

Rules adopted by federal agencies have the same preemptive effect as laws passed by Congress. Thus, all four preemption theories may be used to challenge local ordinances that are inconsistent with FAA or FCC rules and objectives.

(While the next page of reading may seem boring or dry to some of you, this is our effort to provide you with the precedent cases that set standards for your rights as an amateur station to have a tower in your community.)

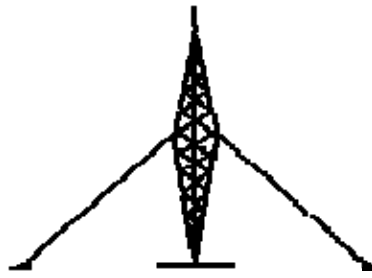
Regulation already in place

Pertinent federal law – Federal law often dictates tower height and how tower owners must light, paint and site tower structures. The FAA's Advisory Circular 70/7460-1K "Obstruction Marking and Lighting" advises how to light and mark towers. Although the FAA's advisory is not mandatory, FCC rules make the FAA's advisory mandatory for certain communications towers built after July 1, 1996. In addition, some tower owners must obtain a determination from the FAA that their towers will not pose a danger to air safety and navigation. This is known as a "no hazard" determination.

Tower use makes a difference – As the Supreme Court has noted, preemption cases turn on each case's specific facts and the applicable federal law. (See *City of Burbank v. Lockheed Air Terminal*, 411 U.S. 624, 638 [1973].) Thus, when determining whether federal law preempts a particular local law, tower owners should focus on two variables: the type of communications equipment on the tower and the nature of the local law. As for the first inquiry, towers fall into three general categories for preemption purposes: (1) personal wireless service ("PWS") facilities; (2) amateur radio towers; and (3) broadcast towers. (Over-the-air-reception devices ["OTARDS"] are another type of antenna structure outside the scope of this article). Second, although local laws take many forms, they generally are classified as regulating tower painting and marking, lighting, height, or siting.

Knowing the type of communications facilities on the tower and the type of local regulation, a tower owner can make some initial determinations about whether the local law is preempted. For example, Congress and the FCC expressly preempted (in part) local zoning and siting regulations as applied to PWS and amateur radio towers. Although a rulemaking on the issue has been pending since 1997, the FCC has yet to expressly preempt local regulation of broadcast towers siting.

Express preemption – This type of preemption occurs when Congress or a federal agency expressly states that federal law shall preempt state law. The FCC adopted a rule (which has the force and effect of federal law) that requires local regulators to reasonably accommodate amateur communications and prohibits local authorities from completely precluding amateur radio towers. Thus, if a locality passed an ordinance prohibiting all amateur radio towers, the ordinance would be expressly preempted by federal law, and therefore invalid. (See, e.g., *Evans v. Board of County Commissioners of the County of Boulder, Colorado*, 994 F.2d 755, 760 [10th Cir. 1993].)



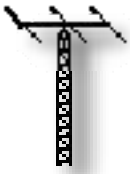
Congress partially preempted local zoning and siting of PWS facilities in a 1996 amendment to the Communications Act. (See 47 U.S.C. § 332(c) (7).) While generally preserving local and state

governments' zoning authority, Congress limited how local and state governments may exercise that power with respect to PWS facilities. For example, local regulations may not have the effect of prohibiting PWS, and decisions to deny PWS tower applications must be in writing and based on substantial record evidence. Congress did not want localities completely prohibiting PWS facilities and inhibiting the spread of advanced wireless services.

Conflict preemption – As noted above, conflict preemption occurs when requirements of local law and federal law actually conflict. Local law may require the tower owner to do something that federal law prohibits. Local laws sometimes specify the maximum height of towers. A few years ago, a tower owner obtained an FCC license for an AM radio tower in Lebanon, NH. The license required a tower more than 200 feet tall. The city's zoning ordinance restricted new towers to 42 feet. Because the local law limited construction to a height that the FCC prohibited, the court found that the local law was preempted by operation of the Supremacy Clause. (See *Koor Communications, Inc. v. City of Lebanon*, 813 A.2d 418 [N.H. 2002].)

(2) Local law may impermissibly apply new painting and lighting requirements to grandfathered towers. Local ordinances, such as a proposed Beaufort County, SC, ordinance, often require all towers to comply with newly adopted marking and lighting requirements. Federal law (in the form of FCC and FAA rules) specifically provides that new tower painting and lighting requirements shall not apply to towers built prior to July 1, 1996. Accordingly, local ordinances that require grandfathered towers to comply with new requirements are preempted and unenforceable.

Tower owners are unlikely to be able to argue that federal law preempts the field of tower siting and zoning because federal law expressly contemplates that local governments shall retain their traditional power over local zoning decisions. This evinces a congressional intent for local and federal law to coexist in that particular field of law and is fatal to a field preemption argument.



Some support exists for a field preemption argument relative to tower lighting and marking, but making such an argument would be an uphill battle. In the Communications Act, Congress vested

the FCC with the “authority to require the painting and/or illumination of radio towers if and when in its judgment such towers constitute . . . a menace to air navigation.” (47 U.S.C. §303(q), *emphasis added*). Moreover, the FCC’s Rules interpreting section 303(q) confirm Congress’ grant of jurisdiction:

“If an antenna installation is of such a nature that its painting and lighting in accordance with these specifications . . . endanger rather than assist airmen, or are otherwise inadequate, the Commission will specify the type of painting and lighting or other marking to be used in the individual situation.” (47 C.F.R. §17.22, *emphasis added*).

If nothing else, this overview of preemption doctrine shows that uncertainty remains about whether and when federal law preempts local tower laws. With this information, however, tower owners will have a better understanding of how the preemption doctrine works and the types of local tower laws that are unenforceable.

So what does this have to do with Anchorage?

The Municipality of Anchorage, Planning Department is writing a new land use code of regulations. The purpose of the code rewrite is to modernize Anchorage's land use regulations to include development techniques and design standards; to make the code more useable and easier to understand; and to implement recently adopted plans and policies. (The city wants to accommodate the change in growth and the limited land available in the municipality.)

Throughout the project, the Municipal Assembly, Planning & Zoning Commission, Title 21 Citizens Advisory Committee, key stakeholders, municipal staff, and the general public have been involved. The overall project started in spring 2002. It is now approaching its 6th year and is slowly going before the assembly a few chapters at a time.

A Little history here:

The basic structure of Title 21 – Land Use Planning, of the Municipal Code of Ordinances, is essentially the same as it was when first adopted by the Greater Anchorage Area Borough in 1969. Unification of the Municipality in 1975 resulted in the blending of City and Borough Codes into the current Municipal Code of Ordinances, including Title 21, which was adopted in 1977.

Many ham operators attended these hearings and proactively educated the community about the importance of amateur stations in the community.

Since then, there have been numerous specific amendments to Title 21 provisions but these have been done on an as-needed basis, without an evaluation of the overall Title as to its organization, need for updating, or ease of use by the general public. Over time, some Title provisions have become dated, and cross-referencing of information has become more cumbersome and difficult for users, particularly for those not familiar with the Title.

Due to the increased disparity between the Title’s provisions and comprehensive plan policies, the Municipality has determined that an overall diagnostic review of the Title is necessary (**THE CITY IS GROWING, TIMES ARE CHANGING**)

21.14.030 provides definitions for Title 21. These are important for clarification of preempted status as mentioned earlier. Here are a few definitions in Title 21 that pertain to amateur radio:

♦ **Antenna or Antenna Array**

Any exterior transmitting or receiving device mounted on a tower, building, or structure and used in communications that radiate or capture electromagnetic waves, digital signals, analog signals, radio frequencies (excluding radar signals), amplitude modulation arrays, wireless telecommunications signals, or other communications signals.

♦ **Tower, Amateur Radio (page 34)**

An antenna and structure of any type used exclusively by a licensed amateur operator which is part of federally licensed amateur radio station for radio communication for the purpose of self-training, intercommunication, and technical investigations carried out by amateurs solely with a personal aim and without pecuniary interest.

It is important to note that the focus of the Title 21 update is not residential, but to focus on multi-story, multi-family dwellings such as commercial apartments as well as other industrial and commercial dwellings and land use.

If you do some research and start looking at zoning ordinances that are currently in place across the country, you will find that Anchorage statute is very broad and uses language favorable to the ham community.

Members of AARC have been attending the TITLE 21 hearings on behalf of amateur radio operators in Anchorage. While attending a public hearing, TJ Sheffield, KL7TS provided a presentation to the commission regarding the importance of amateur radio stations and reminding them of the preempted status of the FCC Order PRB-1. The commission acknowledged the importance of amateur stations to the municipality.



An Amateur Radio Station under the Municipality of Anchorage Title 21 is defined as:

21.45.263 Amateur radio stations and receive only antennas.

1. Amateur radio stations are exempt from the location, tower type, and height limitations contained in this title provided:

- a. The antenna and tower structure are part of a federally-licensed amateur radio station, and
- b. In residential zoning districts there is no use of the tower structure by a third party commercial antenna operator.

2. The installation and use of antenna(s) smaller than one meter in any dimension for use by a dwelling unit occupant for personal, home occupation, or utility telemetry purposes, or by an electric or gas utility on an existing power pole or cabinet to monitor or control equipment thereon, and non-commercial receive only antennas are exempt from this title except for roof mounted satellite dishes greater than one meter in residential districts as specified in this section. Roof mounted satellite dishes greater than one meter in diameter in residential districts shall be only permitted by conditional use.

3. Notwithstanding the above, any antenna or tower structure that is not operated for a continuous period of 12 months shall be considered abandoned, and the owner of such antenna or tower structure shall remove the same within 180 days of receipt of notice from the administrative official notifying the owner of such abandonment. Failure to remove an abandoned antenna or tower structure within said 180 days shall be grounds for the municipality to remove the tower structure or antenna at the owner's expense.

4. Any antenna or tower structure erected under this section shall not exceed the height limits set forth in [Chapter 21.65](#) of this title nor interfere with Federal Aviation Administration Regulations on airport approaches.

(AO No. 99-62, § 32, 5-11-99; AO No. 2000-71(S-3), § 1, 6-27-00)

Note: It should be noted that § 4 of AO No. 2000-71(S-3), provides that "The planning and zoning commission shall review the terms of AO No. 2000-71(S-3) and advise the municipal assembly on any revisions required to maintain the effectiveness and intent of the ordinance as the result of changes and technology prior to January 1, 2003. This provision amends Section 38 of AO 99-62."

<http://www.municode.com/resources/gateway.asp?pid=12717&sid=2>

HOW CAN YOU HELP?

Most of the Title 21 public hearings on topics that pertain to amateur stations have now ended. The chapters that reference amateur stations are now before the assembly review committee to be voted on by the assembly.

Have you ever been affected by Title 21 for your amateur station? The KL7AA team wants to know what your experiences were.

- ♦ Do you have experience or historical knowledge of previous Planning and zoning efforts in Anchorage?

- ♦ As the assembly considers the approval of Title 21, there may be an outreach by the KL7AA team to march on the assembly hearing and demonstrate the number of amateur stations that would be impacted by any decisions.

- ♦ If you wish to be involved in these efforts or if you have feedback and knowledge that would be helpful to the members of the board that are following this issue, feel free to contact us.

Email: kl7ts@hotmail.com

- ♦ We need to speak with one united voice that demonstrates knowledge, professionalism and the dedication of amateur operators to emergency and public service.

Questions to ask or consider:

- ♦ At what point should the radio club get involved?
- ♦ At what point should ARRL be asked to get involved?
- ♦ An established ham operator station, someone who has been grandfathered in or has been in the same location for the last 20 years may not encounter the same challenges that a new ham operator station is being faced with before the planning and zoning commission.
- ♦ Do I need a building permit? How do I know? When and why would you need a building permit?
- ♦ Do you need engineering drawings?
- ♦ How are you securing your tower? Guy wires, foundations? Each have different requirements.
- ♦ Where and what to do if the city is an 'obstacle'?

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These are the questions that are filling the airways around Anchorage. Two cases at this time are being pursued.

In the first case:

The individual was installing a 'vertical' station. This was guyed across property lines where the individual had permission of the owner of both properties in question. A complainant in the neighborhood saw this and reported it to the city's enforcement division who then told the amateur station to take down the 'tower' in question.

In the second case:

The operator is installing a crank up tower. The tower manufacturer has specific engineering drawings for the required foundation needed to support the wind load of the tower structure. (Notice all the terms in that statement) The tower was previously certified under UBC:97; the city is stating that the tower must conform to TIA-222F (*Structural Standards for Steel Antenna Towers and Antenna Supporting Structures*) a more recent standard excepted by the Telecommunications Industry.

Second case cont:

The operator has spent almost \$2,000 to date to try and get a station installed. This includes the \$700 tower purchase from another ham station where it had previously been installed for the last 20 years with no problems from the municipality.

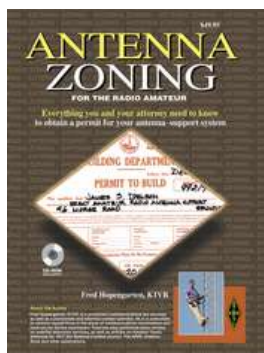
Some of the challenges here have included the requirement of a foundation for the tower and the tower manufacturers' previous certification of the safety and integrity of the 'tower' under ANSI and UBC 97. The tower manufacturer has specific engineering drawings for the required foundation needed to support the wind load of the tower structure, however the manufacturer has not provided updated drawings for TIA-222F which the city is requesting. The manufacturer does not have an engineer on staff and out sources this responsibility. Therefore the amateur operator is being left to **prove to the city** that the tower does meet TIA-222F. *Should an amateur be required to do this by the city? Does not the city recognize a manufactures certification of the tower under nationally recognized previous standards? Should the FCC require the manufacturer to 're-certify' the tower under TIA-222F?* These are questions that need to be addressed if this regulation is going to be required by the Municipality of Anchorage.

Meanwhile, the hole is dug, and the tower sits laying under snow and ice while another amateur station is not allowed to operate.

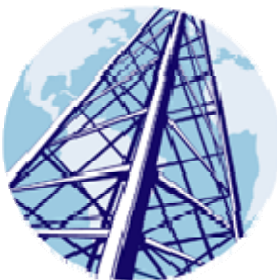
At what point should the radio club get involved? At what point should ARRL get involved? This is the discussion buzzing the airwaves around South Central Alaska. We want to hear from you. Email: editor@kl7aa.net with your comments.☐

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To learn more about antenna ordinances and how they can affect your station check out "Antenna Zoning for the Radio Operator" by By Fred Hopengarten, K1VR, available at www.arrl.org



NEXT MONTH: Do you think because you live in the Mat-Su valley, the Kenai peninsula or some other area of Alaska that this does not apply to you? Next month we will discuss state statutes and other borough ordinances that affect amateur stations throughout Alaska.



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.



This years ham club Christmas Dance was not as enjoyable as last year due to poor band conditions.

FCC Update

In case you haven't heard, Riley Hollingsworth, K4ZDH, the FCC Special Council for Amateur Radio Enforcement, announced his retirement....then rescinded that saying he had unfinished work to do in amateur radio matters. Riley is rightly credited with a new era of enforcement of the commission's rules bringing that last bit of order back to our bands after a long, dark time of little notice of offenders. We have invited Riley to attend our 2008 ALASKA HAMFEST this coming August. Whether in retirement or not, we look forward to the next time he checks in with us in ALASKA.



The ARRL DX Century Club Program

The DXCC List is based upon the principle espoused by Clinton B. DeSoto, W1CBD, in his landmark 1935 *QST* article, "How to Count Countries Worked, A New DX Scoring System". DeSoto's article discussed problems DXers had in determining how to count the DX they had worked. He presented the solution that has worked successfully for succeeding generations of DXers.

In DeSoto's words, "The basic rule is simple and direct: Each discrete geographical or political entity is considered to be a country". This rule has stood the test of time -- from the original list published in 1937 to the *ARRL DXCC List* of today. For more than 60 years, the *DXCC List* has been the standard for DXers around the world.

DeSoto never intended that all DXCC "countries" would be countries in the traditional, or dictionary, meaning of the word. Rather, they are the distinct geographic and political Entities which DXers seek to contact. Individual achievement is measured by working and confirming the various Entities comprising the DXCC List. This is the essence of the DXCC program.

DXCC activity was interrupted by World War II. In 1947, the program started anew. Contacts are valid from November 15, 1945, the date US amateurs were authorized by the FCC to return to the air.



Over time, the criteria for the List has changed. However, Entities are not removed when changes are made. The List remains unchanged until an Entity no longer satisfies the criteria under which it was added. Thus, today's *DXCC List* does not fully conform with today's criteria.

The DX Century Club is the premier operating award in all of Amateur Radio. The basic certificate is awarded for working and confirming at least 100 entities on the ARRL DXCC List.

The DX Century Club Award, with certificate and lapel pin is available to Amateur Radio operators throughout the world. ARRL membership is required for DXCC applicants in the US, its possessions, and Puerto Rico. ARRL membership is not required for foreign applicants. All DXCCs are endorsable.



Each nation of the world manages its telecommunications affairs differently. Therefore, a rigid, universal accreditation procedure cannot be applied in all situations. During more than 50 years of DXCC administration, basic standards have evolved in establishing the legitimacy of an operation.

QSL cards for new DXCC awards and endorsements may be checked by a DXCC Card Checker.

2) DXCC Card Checkers:

a) Nominations for Card Checkers may be made by:

i) The Section Manager of the section in which the prospective checker resides.

ii) An ARRL affiliated DX specialty club with at least 25 members who are DXCC members, and which has DX as its primary interest. If there are any questions regarding the validity of a DX club, the issue shall be determined by the division director where the DX club is located. A person does not have to be a member of a nominating DX club.

iii) by Division Director.

b) Appointments are limited to one per section, one per DX club, and one per Division.

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

c) Qualifications:

i) Those nominated as a card checker must be of known integrity, and must be personally known to the person nominating them for appointment. **ii)** Candidates must be ARRL members who hold a DXCC award endorsed for at least 150 entities.

iii) Candidates must complete an open book test about DXCC rules concerning QSL cards and the Card Checker training guide.

iv) The applicant must be willing to serve at reasonable times and places, including at least one state or Division ARRL Convention each year.

v) The applicant must have e-mail and Internet capabilities, and must maintain current e-mail address with DXCC Desk.

d) Approval:

Applications for DXCC Card Checkers are approved by the Director of the ARRL Division in which they reside and are appointed by the Membership Services Manager.

e) Appointments are made for a two year period. Retention of appointees is determined by performance as determined by the DXCC Desk.

3) Card Checking Process:

a) Only eligible cards can be checked by DXCC Card Checkers. An application for a new award shall contain a minimum of 100 QSL confirmations from the list and shall not contain any QSLs that are not eligible for this program. Additional cards may not be sent to HQ with field checked applications. The application may contain any number of cards, subject to eligibility requirements and fees as determined by Section I, Basic, 15.

b) It is the applicant's responsibility to get cards to and from the DXCC Card Checker.

c) Checkers may, at their own discretion, handle members' cards by mail.

d) The ARRL is not responsible for cards handled by DXCC Card Checkers and will not honor any claims.

e) The QSL cards may be checked by one DXCC Card Checker.

f) The applicant and DXCC Card Checker must sign the application form. (See Section I no. 11 regarding altered, forged or otherwise invalid confirmations.)

g) The applicant shall provide a stamped no. 10 envelope (business size) addressed to ARRL HQ to the DXCC Card Checker. The applicant shall also provide the applicable fees (check or money order payable to ARRL-no cash, credit card number and expiration date is also acceptable).

h) The DXCC Card Checker will forward completed applications and appropriate fee(s) to ARRL HQ.

4) ARRL HQ involvement in the card checking process:

a) ARRL HQ staff will receive field-checked applications, enter application data into DXCC records and issue DXCC credits and awards as appropriate.

b) ARRL HQ staff will perform random audits of applications. Applicants or members may be requested to forward cards to HQ for checking before or after credit is issued.

c) The applicant and the DXCC Card Checker will be advised of any errors or discrepancies encountered by ARRL staff.

d) ARRL HQ staff provides instructions and guidelines to DXCC Card Checkers.

5) Applicants and DXCC members may send cards to ARRL Headquarters at any time for review or recheck if the individual feels that an incorrect determination has been made. □



DXCC in ALASKA

My name is Wayne Mears, callsign of AL0E, with my qth of about 8 miles north of Palmer, AK. I just recently have been appointed as the Field Card Checker for the state of Alaska.

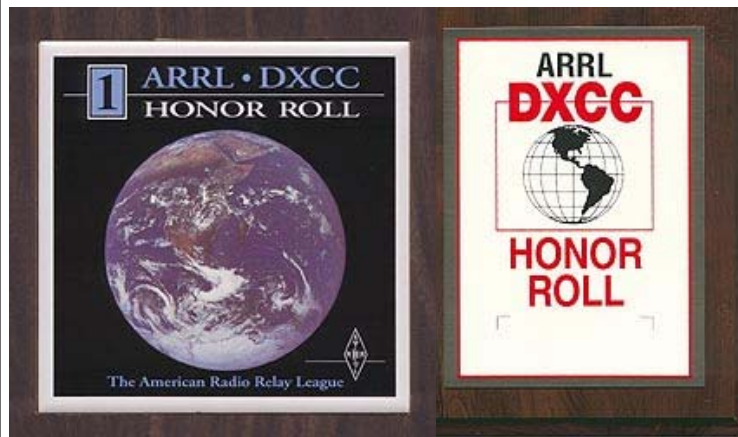
A little about myself, I have a degree in Electronic Engineering and have been a licensed Ham since 1955. I've had five DXCC foreign call signs, France, England, Japan, Korea and now Alaska. I've had three stateside (lower 48) call signs.

I am retired. I retired from the USAF in 1974, retired from Law Enforcement in 1988. While I was in Law Enforcement, my wife and I owned a horse ranch in the mountains of Northern California. We sold this in 1997 and moved back up here then. I have been in Alaska off and on since 1958.

I was first licensed out of Ohio, my home state. At the present, I can't think of anything else. I have been a member of ARRL since 1955. I have also received the ARRL Honor Roll twice, once in California and once here in Alaska. As you can imagine, I do like working DX, either CW, RTTY or SSB.

If you have any questions about the DXCC program feel free to contact me.

Cheers, Wayne, AL0E
wmears@mtaonline.net



KL7AA General Membership Meeting

ANCHORAGE AMATEUR RADIO CLUB GENERAL MEMBERSHIP MEETING

November 2, 2007

Carr Gottstein Building – APU Campus
Anchorage, AK

Call to Order

The meeting was called to order at 7:00 PM by President Kathleen O'Keefe (KL7KO). Members and guests introduced themselves. The AARC Election Committee of Richard Kotsch (WL7CPX), Paul Spatzek (WL7BF) and Richard Tweet (KL2AZ) were introduced and were excused from the meeting to count returned ballots for the 2007 AARC Election.

Presentations

The November speaker, John Lynn (KL7CY) opened the meeting with a presentation on the preparation and uses for 'Go Buckets'.

Heather Hasper (KL7SP) presented the 2008 Budget to the membership in detailed form accompanied by a PowerPoint presentation. Motion made John Lynn (KL7CY), seconded Jim Larsen (AL7FS) to accept the budget as presented. The motion passed unanimously.

Jim Larsen presented four grant requests to the membership.

- Hope Community Resources - \$4,728.00. This grant was explained as 65% funding towards the installation of a patient lift. No vote is required on this grant as this was covered in the 2007 Budget.
- Matanuska Amateur Radio Association - \$1,500. This grant was explained as a grant to MARA to provide training materials. No vote is required on this grant as it is less than the amount requiring membership approval.
- Challenger Learning Center - \$3,145.00. This grant was explained as 65% funding to the Challenger Learning Center towards the acquisition of equipment to provide communications with Shuttle Astronauts and the Orbiting Space Station. Motion made Diane Olson (KL1MY), seconded John Orella (KL7LL) to approve the grant as submitted. The motion passed unanimously.
- ♦ Matanuska Amateur Radio Assn. - \$20,583.23. This grant was explained as a grant to provide improvements to the MARA trailer including insulation, headphones, generator, and separate equipment trailer. Motion made Ken Perry (AL7GA), seconded Eric McIntosh (KL2FM) to approve the grant as submitted. The motion passed unanimously.

Announcements

The Election Committee returned to announce the results of the 2007 AARC election. Kathleen O'Keefe announced the results to the membership as follows;

ELECTION RESULTS

And the winners are:

The Election is completed. Our new club Board of Directors have been determined.

Officers:

Activities Manager – Richard Kotsch, WL7CPX: 91.1%

Board of Directors:

3 Year Board: Frank Pratt, KL7RX (3 Year): 44.6%

1 Year Board Members (8):

TJ Sheffield	KL7TS	77.70%
Diane Olson	KL1MY	69.60%
Tom Rutigliano	NL7TZ	68.80%
John Orella	KL7LL	67.90%
Mike Romanello	KL7BK	66.10%
Susan Woods	NL7NN	65.20%
Craig Severson	KL2FN	63.40%
Richard Block	KL7RLB	58.00%

191 ballots were mailed, 2 ballots were returned as undeliverable and 112 ballots were returned and counted.

Door Prize Drawing

AL7GA, KL1JJ, KL7JFT and KL7KO

Motion to adjourn by Diane Olson KL1MY, seconded Richard Kotsch. With resounding approval, the meeting adjourned at 8:45 pm

Respectfully submitted as recorded on November 2, 2007 by:

Richard Tweet, KL2AZ
Secretary

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.
www.arrl.org

KL7AA Club Business

ANCHORAGE AMATEUR RADIO CLUB

BOARD MEETING

November 20, 2007

540 WEST INTERNATIONAL ROAD

Anchorage, AK

(UNAPPROVED at Printing)

The meeting was called to order at 7:00 PM by President Kathleen O'Keefe, A quorum was established: (2 Officers, 7 Board members needed)

BOARD MEMBERS PRESENT:

President Kathleen O'Keefe KL7KO, Vice President Jim Larsen AL7FS, Secretary Richard Tweet KL2AZ, Activities Director Richard Kotsch WL7CPX, Paul Spatzek WL7BF, Jim Wiley KL7CC, Michael O'Keefe KL7MD, Frank Pratt KL7RX, John Orella KL7LL, Edward Moses KL1KL, Piet Van Weel KL2CR, T.J. Sheffield KL7TS, Susan Woods NL7NN, Richard Block KL7RLB.

NON-VOTING MEMBERS PRESENT

Fred Erickson KL7FE,

EXCUSED

Treasurer Heather Hasper KL7SP, Diane Olson KL1MY, Keith Clark KL7MM

UNEXCUSED

None

REQUEST FOR AGENDA ITEMS

None

GUESTS

Bruce McCormick KL7BM, Bill Fults KL1UK, Craig Severson KL2FN, Jeremiah Grantham KL2HO

SECRETARY REPORT

Previous Board meeting minutes for the October Board Meeting and General Membership meeting minutes for November were presented. Motion made Frank Pratt KL7RX, seconded John Orella KL7LL to accept the Board meeting minutes as written. The motion carried unanimously. Motion made John Orella KL7LL, seconded Frank Pratt KL7RX to accept the membership meeting minutes as written. The motion carried unanimously.

TREASURER'S REPORT

Heather Hasper was unavailable to present the report and the printed copy was distributed for review. Richard Block questioned the amount shown in the rent category as being over budget. It was noted that this amount is the payments made toward the 2008 Hamfest. Richard suggested noting the amount as a deferred item and to expense in the year 2008. Motion made Michael O'Keefe KL7MD, seconded Piet van Weel KL2CR to accept the Treasurers report as written with Richard Block's comments noted. The motion carried unanimously.

VE REPORT

Jim Wiley KL7CC reported that testing is proceeding normally with no outstanding news. Remote testing needs a champion to continue the program. A person with computer skills is requested.

TRUSTEE REPORT

There is no membership report as Keith Clark is unavailable at this time.

MEMBERSHIP REPORT

Fred Erickson reported that there are 299 current memberships and that 80+ have not renewed to date.

ARES Upcoming Training

Michael O'Keefe reported that the HF station is operational and the building alarm system is complete. The 3rd Saturday of December (15th) will be used to train individuals on the operation of the HF station and building alarm system. Training will be from 9am to Noon. Please contact Mike to reserve a spot as it appears that 10-15 will be the maximum size of the class. These classes will be offered as often as requested provided a qualified instructor is available. Days/evenings other than Saturday can be scheduled per the availability of an instructor. Michael O'Keefe can be reached at 243-4675 (home), 351-4038 (cell) or via email at mok@gci.net.

OLD BUSINESS

Credit Card

On behalf of the President, Jim Larsen introduced a Policy for Control of Expenses in the Anchorage Amateur Radio Club. This was described as a policy and creation of a committee to monitor spending detail. The Treasurer is to provide a monthly report to the committee of all expenses for the previous month. This will provide clarity on the exact detail of our monthly purchases. Motion made Richard Block KL7RLB, seconded Michael O'Keefe KL7MD to accept the document establishing the committee as defined within. The motion carried unanimously.

Purchase of insurance. This item is pending per a response from the firm the Treasurer has contacted for a quote. General discussion was held regarding the type of insurance, amount, purpose and cost. This item was tabled until the next meeting for the Treasurer to report.

IRLP

Jim Larsen introduced the final updated version of the Memorandum of Understanding between the Anchorage Amateur Radio Club and Dave Cloyd KL7M. Purpose, issues and previous problems were discussed. Motion made Jim Wiley KL7CC, seconded Richard Kotsch WL7CPX to accept this version of the Memorandum of Understanding. The motion carried unanimously.

Alarm System Installation Project

Bruce McCormick reported that now that the alarm system is operational, he will be moving forward with the installation of a door separating the ham shack from the CCV garage and with the re-keying of the facility. Bruce proposes having the ham shack re-keyed with 50 keys being made initially to be provided to those who successfully complete training on the HF equipment and building access an additional 15 master keys that open either side of the facility will be provided to those individuals requiring access. Discussion was held on training time required for individuals. It is felt that individuals can complete the training on the HF equipment in approximately 1-2 hours with a checklist to refer to. Motion made Michael O'Keefe KL7MD, seconded Piet van Weel KL2CR to allocate \$600.00 to re-key and relock the facility as well as purchase a door and associated material to install. The motion carried unanimously.

Additional discussion noted that electronic access would be cost prohibitive. The President and/or Vice President will maintain the master key list and issue them to individuals.

Capital Projects

T.J. Sheffield reported that there are currently 20+ projects listed in various states of completion. T.J. wishes to develop a process to track progress on projects. Kathleen O'Keefe requested a report with current project status/ associated costs and budgeted amount/ definition of 'Complete' as it pertains to the project. Kathleen also noted that a written procedure of project tracking needs to be developed. A volunteer 'Projects Committee' was developed to assist T.J. Michael O'Keefe, Bruce McCormick and Jeremiah Grantham volunteered for this committee.

Title21

T.J. Sheffield reported on current status of the Title 21 re-write currently in progress by the Municipality of Anchorage. TJ was able to testify twice this month on Chapter 14, once as a Board member and once as an individual. Chapter 5 comment period is now closed by Planning and Zoning and is now turned over to the Assembly. T.J. was able to read into the record, a Joint Resolution from Congress praising amateur radio and establishing support for amateur radio. T.J. also read into the record PRB-1. A general discussion was held regarding a current tower issue in Anchorage and the steps taken so far.

November Sweeps

T.J. gave brief report on November Sweeps along with pictures from the event. The event was held at Kincaid Park and went off well with numerous volunteers.

ARRL 2008 Statewide HAMFEST

Richard Tweet reported that the planning committee is meeting twice a month, 1st Tuesday in Anchorage (Denny's on Denali) at 5:30pm and 3rd Sunday in Wasilla (Windbreak Café) at noon. Invitations have been mailed out to 274 vendors and manufactures with responses being slow at this point. A couple of vendors have indicated they would not be attending, but would like to provide a door prize. Gordon West is promoting the event on a national level. Several prominent licensed hams are being invited to attend and speak at the event. Online registration is now available at <http://www.akhamfest.com>. Kathleen O'Keefe has requested a printed document for the next Board Meeting detailing all of the work and progress of the 2008 Hamfest Planning Team to date for review.

Silent Key Plaque

Kathleen O'Keefe reported that the plaque is almost complete and looks great. Susan Woods is working on getting Anchorage Amateur Radio Club Silent Key information for the plaque. AARC founders will be noted on their individual plates on the plaque instead of having a separate founder's area.

GIS Development

As Heather Hasper is not available to report on this, it is tabled to the next meeting.

Packet Project Wasilla

As Tom Rutigliano is not available to report on this, it is tabled to the next meeting.

NEW BUSINESS

Programs for Membership Meetings

There will be no speaker at the December membership meeting. Michelle Ridgeway will speak at the January meeting on the Bering Sea Submarine Exploration and T.J. Sheffield will be the February speaker. There will be a membership meeting held on December 7th and a Christmas Party at the Sourdough Mining Company on December 8th at 6pm.

Approvals, KL7AA in the next month

None

Repair and Maintenance of repeaters

Jim Wiley reported on the status of Mount Susitna and Grubstake repeaters. The issue with Mt. Susitna appears to be temperature related and is not a repeater issue and cannot be cured with commands. Jim is looking at possible solutions to eliminate the problem.

The issue with Grubstake is that the UHF side is not working correctly. Jim will be able to put more time towards the repair and will have an updated report in February.

Teleconference Bridge

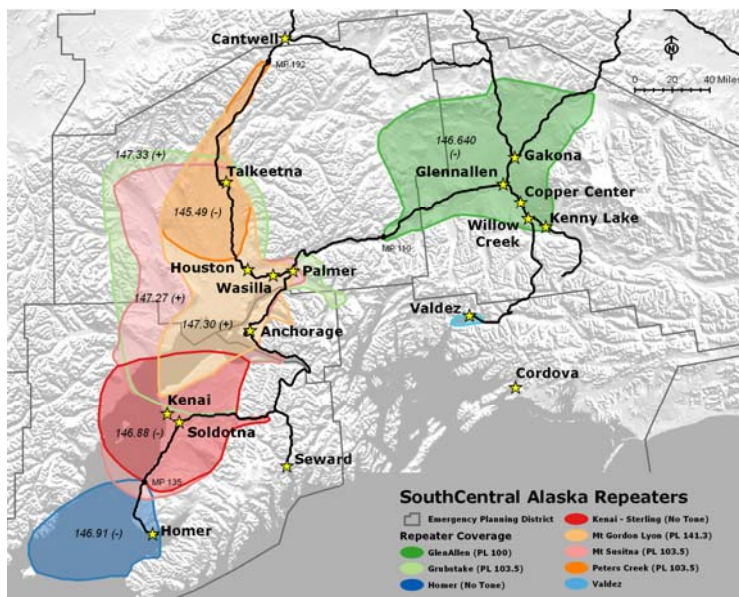
As Heather Hasper is not available to report on this, it is tabled to the next meeting.

Motion made Michael O'Keefe KL7MD, seconded Frank Pratt KL7RX that the meeting be adjourned. Motion passed unanimously. Meeting adjourned at 8:56pm

Respectfully submitted as recorded on 11/20/07 by

Richard Tweet, KL2AZ

Secretary



2008 BUDGET & Treasury

The 2008 budget and the 2009 draft budget have been approved by the general membership as required by the By-Laws. Several variables may impact the budget extensively.

♦In 2008, we have included in our budget the finances to cover costs associated with our ALASKA ARRL 2008 CONVENTION including the travel costs for our guest speakers and VIPS. A budget specific to this event is available upon request and has been provided to the board of directors

♦Property Acquisition: As the board continues to pursue property acquisition options, this capital project will impact or change the values presented to the membership and will need to be re-approved if pursued. Members of the property acquisition committee include: Jim Larsen, AL7FS, Keith Clark, KL7MM and Richard Block, KL7RLB. Any body interested in being involved in this effort is welcome.

♦2008 TREASURER ELECTION vs. Outsourcing:

The treasurer is one of five officers of the organization. Four of these positions, the President, the Vice-President, the Secretary and the Treasurer are elected for 2 year terms. The Activities manager is an officer but is elected on an annual basis.

The current treasurer is preparing to enter the 2nd year of the 2nd term for this office. That is four years of volunteer service to the organization in this capacity. This is one of the hardest and most scrutinized positions for the organization to get volunteers to step forward and get involved in.

Currently there are no candidates of our general membership or our board of directors who wish to assume the responsibility of treasurer.

If no candidate or member of the organization comes forward over the next 12 months, the board will have to consider outsourcing the treasury responsibilities and hiring a professional services agency to ensure the financial resources of the organization are handled properly and in compliance with State and Federal law. This would impact the draft 2009 budget approved by the membership. The budget would have to be modified to cover the costs of professional services, however is well within our financial resources and abilities.

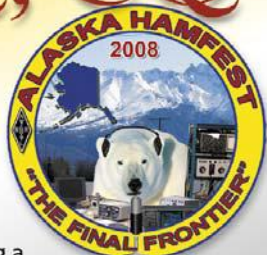
If you are interested in learning more about the AARC treasury and how the finances of the organization are maintained, you are encouraged to contact the President of AARC or the Treasurer and we will be happy to offer learning opportunities for someone who may wish to run for this office next October.

2008

ALASKA HAMFEST & ARRL Convention

CQ, CQ, CQ

ARRL ALASKA State Convention



The radio clubs of Alaska will be hosting a joint Hamfest and ARRL State Convention in Anchorage, Alaska in 2008. This is a great opportunity to combine an Alaska dream vacation with a business venture and great hobby. For travel information, venue, and exhibitor opportunities please go to www.akhamfest.com for more information.

When: August 1st thru August 4th, 2008

HAMFEST 2008 Update

Our efforts to promote our event continue. If you check out this December's issue of QST, you will find the add above on page 144. Thanks to ARRL for helping us promote our event. Look for similar advertisements over the next several months in World Radio, CQ magazine and at other hamfests across the country.

Our marketing outreach over the last few months is beginning to pay off. We have had 12 people go to our website and register and 8 national vendors commit to attend.

We have been asked to provide a HAM 'INDUSTRY' gathering opportunity for our national attendees to provide a fun and exciting retreat where industry leaders can discuss the future of amateur radio over the next 50 years.

This month we sent advertisements and Alaska promotional material to the large Pacificom Hamfest in San Ramon California. This was very well received and with the help of Gordon West, WB6AO promoting our event several national vendors are interested in activity.

We are having bi-monthly planning meetings for those wishing to attend. The planning meetings are the first Tuesday of the month at 530PM in Anchorage at the Denny's restaurant on Denali between Benson and Northern Lights Blvd. Then on the 3rd Sunday in Wasilla, at the Wind-

break Café just off the Parks Highway at 12 Noon. We have a great team of volunteers energized and helping out. We are always hoping for more volunteers and have plenty of opportunities for everyone.

You do not need to be in Anchorage to help with this planning effort. This is an all amateur radio operators effort and all radio clubs in Alaska and the Yukon are participating.

HOW CAN YOU HELP?

- ♦ Are you going to any national amateur radio events in the next 6 months? If so your help in distributing information and promoting our event would be greatly appreciated.

We have committees being formed to coordinate all the responsibilities needing to be completed. Several opportunities are available and include:

- ♦ Registration: materials, onsite services
- ♦ Printing / publications:
- ♦ Decorations:
- ♦ Awards & Prizes:
- ♦ Marketing & Advertising:
- ♦ Sponsors
- ♦ Vendors / Exhibitor coordination

If you are interested in volunteering in any of these areas, please feel free to contact us and we can put you in touch with the right person working on those tasks.

We are looking for sponsors for our event so if you have any donations for door prizes, raffle prizes or Alaska tours and gifts that you would like to donate that you feel would attract national attendance, your donations are greatly appreciated.

We are working with a sponsor to cover the costs of shipping exhibitor displays and equipment from the lower 48 to Alaska so please remember to provide that information when marketing to national vendors.

Email is the best way, but a good snail mail letter is also great to receive. You can email myself, at KL7SP@arri.net, Mike Romanello, KL7BK@mtaonline.net or Richard Tweet, KL2AZ@arri.net

ARES - Section 7, District 7 (Anchorage, ALASKA)



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.

ALASKA SECTION NEWS:

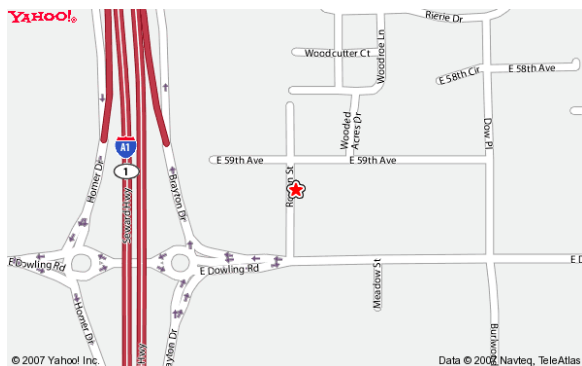
Five New and Five Returning Section Managers Take Office January 1

Five new Section Managers will take office January 1, 2008 in Alabama, [Alaska](#), East Bay, New Mexico and Tennessee. The Kansas, Western Massachusetts, Delaware, Santa Barbara and Michigan Sections will continue with their current leadership. Ballots were counted November 20 at ARRL Headquarters.

In Alaska, Jim Larsen, AL7FS (ex-WA0LPK), of Anchorage, was declared the winner with 180 votes. He outpolled incumbent Section Manager David Stevens, KL7EB, who received 54 votes. Larsen is active with the Anchorage Amateur Radio Club where he is Vice President. He has also served as the club's President for three years and as newsletter editor for four years. Larson is also founder of the [Alaska QRP Club](#) and is a member of the [A-1 Operator Club](#).

Thank you to David Stevens, KL7EB for his many years of service in this position when others would not volunteer for this responsibility.

Note: The Alaska section has 636 ARRL members.



ARES / KL7AA Training

WHEN: December 15, 2007

WHERE: CCV GARAGE Facility
5923 Rowan Street, Anchorage, AK 9957

WHAT: KL7AA HAMSHACK

In an attempt to provide access to all members of AARC to the recently completed KL7AA HAMSHACK, training will be provided to any member who wishes to obtain a key and access code to the facility to use the KL7AA station.

We'll cover the layout of the equipment, how to operate the HF radio, the packet VHF radio, VHF and UHF radio and the alarm system. Those attending will be able to set up times to meet individually with a mentor at a later date so that they can have more hands on time with the HF equipment.

The training is mandatory for all users due to the access control of the facility and to familiarize users with the equipment at the KL7AA station.

The hamshack is located in the front room/office area of our CCV storage facility. Access will be limited to the ham station.

This is your opportunity as an AARC member to become a routine user of the KL7AA station. If you don't own or can not afford an HF station, this is a great opportunity to use your radio club equipment at the KL7AA station. All contacts made from this station will be logged and use the KL7AA callsign. Logs and contacts will be confirmed and verified by the KL7AA trustee.

If you have questions about the training required or the policy, please contact Jim Larsen, AL7FS at vicepresident@kl7aa.net or ARES DEC Michael O'Keefe, KL7MD at dec@kl7aa.net.

ARES District 7 Contact Information

Michael O'Keefe, KL7MD

DEC7@alaskaares.org



PUBLIC SERVICE ACTIVITIES



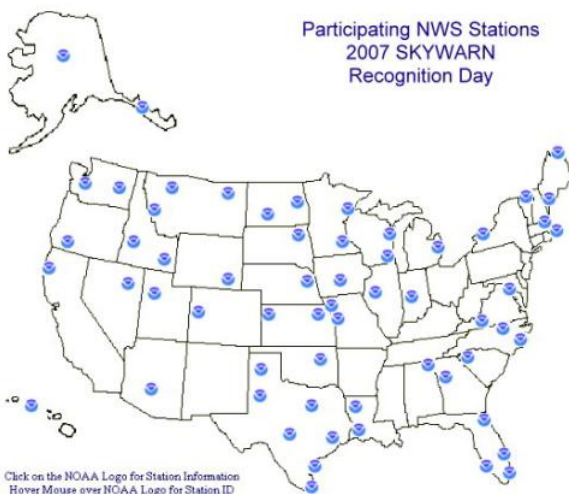
9th Annual SKYWARN Recognition special event Saturday, December 1st.

SKYWARN Recognition Day is the National Weather Service's way of expressing its appreciation to Amateur Radio operators for their commitment to help keep communities safe.



During the 24-hour special event, Amateur Radio operators, working together with their local National Weather Service offices, will activate Amateur Radio stations and work as a team to contact other hams around the world. This celebration of a life-saving partnership is cosponsored by the National Weather Service and the American Radio Relay League. (ARRL)

SKYWARN is a concept developed in the early 1970s that was intended to promote a cooperative effort between the National Weather Service and communities. The emphasis of the effort is often focused on the storm spotter, an individual who takes a position near their community and reports wind gusts, hail size, rainfall, and cloud formations that could signal a developing tornado. Another part of SKYWARN is the receipt and effective distribution of National Weather Service information.



If you are interested in participating in this event, please contact Kathleen O'Keefe, KL7KO at president@kl7aa.net for CCV access and schedule.

<http://www.skywarn.org/>

[National Weather Service Ham radio website](http://www.skywarn.org/)

Public Service

It is that time of year again when we start planning for Sled Dog Races. Time to purchase those 2008 calendars and get them pre marked with all the upcoming 2008 events. Listed below are events that local radio clubs and event coordinators will be looking for communication volunteers to support these upcoming public service events. Your participation is appreciated.

Volunteers!



Knik200 January 5-6, 2008

Contact: KL1IL, Ray A. Hollenbeck: 373-6771

fuzz@mtaonline.net

Copper Basin January 13-16, 2007

Contact: Eric Lutz elutz@crsd.k12.ak.us

Fur Rondy Sled Dog Race February 22, 23 & 24

Contact: **VOLUNTEER Needed to Coordinate**

Junior Iditarod February 23-24, 2008

Contact KL7DY Richard Plack 745-5222

kl7dy@arrl.net

36th Annual IDITAROD START: March 1, 2007

Contact: AL1W, Gordon Hartlieb al1w@arrl.net

Iditarod Restart: March 2, 2007

Contact KL1IL Ray A. Hollenbeck 373-6771

fuzz@mtaonline.net



December 2007



Anchorage Amateur Radio Club

PO BOX 101987

Anchorage, AK 99510-1987

www.KL7AA.net

ANCHORAGE ARES

DISTRICT 7 & 5

KL7AA & KL7JFU

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>QRP club meetings held at the Denny's at Bragaw and DeBarr. Parka, meets at Peggy's restaurant, 11AM Contact: Kathy O'Keefe, KL7KO, 243-4675 EARS: R1 North, Contact: Ron Keesch: KL7YK@arrl.net</p>						<p>1</p>
2	3	<p>4</p> <p>2008 HAMFEST Planning MTG 5:30 PM</p>	5	<p>6</p>	<p>7</p> <p>AARC meeting 7PM</p>	<p>8</p> <p>AARC Christmas Party</p>
9	10	11	12	<p>13</p>	14	<p>15</p> <p>ARES Training</p>
<p>16</p> <p>2008 HAMFEST Planning MTG 12 PM</p>	17	<p>18</p> <p>AARC Board Meeting 7PM</p>	<p>19</p> <p>MARA Board Meeting 7PM</p>	<p>20</p>	<p>21</p> <p>QRP meeting 7PM</p>	22
23	24	<p>25</p>	26	<p>27</p>	<p>28</p> <p>MARA meeting 7PM</p>	29
30	31	<p>ARES NET: Thursday Nights 8:00 PM 147.27+ PL: 103.5 or 443.30+ PL 103.5</p>				

Schedule of Events:

ARES NETS:

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



To add to the Calendar please contact: John Lynn at Johnlynn@gci.net

12/1 SKYWARN Recognition Day: ARRL

12/8 AARC CHRISTMAS Party: Saturday December 8th at 6pm

WHERE: Sourdough Mining, "off the menu"; each person is responsible for their own meal costs.

Chinese Auction gifts under \$25.00 will be exchanged

12/15 ARES Training; CCV Access training for all members;

At the CCV Facility; 5923 Rowan Street, Anchorage, AK.



Data You Can Use:



2007 Board of Directors

President: Kathleen O'Keefe, KL7KO [president at kl7aa.net](mailto:president@kl7aa.net)

Vice Pres: Jim Larsen, AL7FS [vicepresident at kl7aa.net](mailto:vicepresident@kl7aa.net)

Secretary: Richard Tweet, KL2AZ [secretary at kl7aa.net](mailto:secretary@kl7aa.net)

Treasurer: Heather Hasper, KL7SP [treasurer at kl7aa.net](mailto:treasurer@kl7aa.net)

Activities Chairman:

Richard Kotsch, WL7CPX [activities at kl7aa.net](mailto:activities@kl7aa.net)

Trustee: Keith Clark, KL7MM [trustee at kl7aa.net](mailto:trustee@kl7aa.net)

Membership Chairman:

Fred Erickson, KL7FE [membership at kl7aa.net](mailto:membership@kl7aa.net)

News Letter Editor:

Heather Hasper, KL7SP [editor at kl7aa.net](mailto:editor@kl7aa.net)

Three Year Board Members

Frank Pratt, KL7RX kl7rx at arrl.net (3rd year)

Paul Spatzek, WL7BF Paul.Spatzek at acsalaska.net (2nd Year)

Michael O'Keefe, KL7MD mok at gci.net (1st Year)

One Year Board Members

Diane Olson, KL1MY, oldwoman_69 at hotmail.com

TJ Sheffield - KL7TS, kl7ts at arrl.net

Edward Moses - KL1KL, kl1kl at ak.net

Jim Wiley - KL7CC jwiley at alaska.net

Piet van Weel - KL2CR pmvw at outwardfocus.net

John Orella: KL7LL, kl7ll at arrl.net

Susan Woods: NL7NN, NL7NN4606 at yahoo.com

Richard Block: KL7RLB, kl7rlb at clearwire.net

AARC web page & Email contact addresses:

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

Webmaster: [webmaster at kl7aa.net](mailto:webmaster@kl7aa.net)

Membership: [membership at kl7aa.net](mailto:membership@kl7aa.net)

Newsletter: [editor at kl7aa.net](mailto:editor@kl7aa.net)

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting

Email: [editor at kl7aa.net](mailto:editor@kl7aa.net)

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.

Anchorage & Mat Valley Area Repeaters-a/o Feb 28, 2007

KL7AA: Flattop Mountain 2,200 ft

146.94/34 MHz, 80 watts, auto-patch, 141.3 Hz PL

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

444.70/449.70, 25 watts, auto-patch, 103.5 PL

WL7CVG: Mount Susitna 4,396 ft

VHF: WL7CVG/R1 147.270/147.870 PL 103.5, no auto-patch

UHF: WL7CVG/R3 443.300/448.300 PL 103.5, no auto-patch

WL7CVF: Grubstake: Hatcher Pass 4,536 ft

VHF: WL7CVF/R1 147.330 / 147.930 PL 103.5 Hz (no patch)

UHF: WL7CVF/R3 443.900 / 448.900 PL 103.5 Hz (no patch)

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

147.30 / 147.90, MHz - 80 watts, no patch, 141.3 Hz PL

KL7AIR Elmendorf AFB: EARS: 146.67/146.07, 107.2 Hz PL

WL7CWE: Cliffside Amateur Radio Association

KL7CC, Anchorage Hillside, SCRC & QCWA

146.97/.37 MHz, 30 watts, auto-patch, 103.5 Hz PL

KL7M Anchorage Hillside

147.21 / 147.81 MHz, on IRLP, 97.4 Hz PL

KL5E Chugiak: 147.15/147.75, 123.0 Hz PL, auto-patch

KL7JFU, KGB road, MARA: 146.85/146.25, auto-patch, 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 / 146.16 MHz, 25 watts, no patch, 97.4 Hz PL

KL7AX: South Anchorage IRLP - 146.79/ 146.19 MHz, 100 Hz PL

WL7CWE Anchorage IRLP

2 Meter: 146.82/146.22MHz PL 103.5

6 Meter: 51.65 output / 51.15 input, PL 103.5Hz

70 cm: 444.85/449.850 MHz PL: 103.5 Hz (Node 3400)

South Central Area Simplex Frequencies

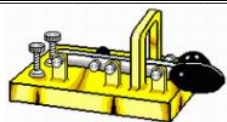
146.52 MHz Calling and Emergency frequency

147.57 MHz National DX Calling / Coordinating frequency

146.49 MHz Anchorage area simplex chat

146.43 MHz Mat-Su Valley simplex chat

147.42 MHz Peninsula simplex chat



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) 3534, 7042 Daily @ 0700 -1000,

Net Purpose: Formal NTS traffic via CW.

Alaska Pacific Net: 14.292 MHz 8:00 AM M-F

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

Nets in Alaska:

The following nets are active in South-Central Alaska:

VHF

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

PARKA Net 147.30/90, 141.3 HZ Thursdays at 7:00 PM local

No Name Net: 146.85/.25 repeater Sundays 8:00 PM
and 1900 - 2400 Alaska Time - AL7N or KL5T monitoring.

Big City Simplex Net: 146.520, 446.0, & 52.525 FM

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

Statewide LINK ARES Net:

147.27/87 103.5Hz Sunday 8:00 PM local



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.alaksa.net/~kl7fg>

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

Practice Exams : <http://www.AA9PW.com>

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

ALASKA MARS: <http://www.akmars.org>

Yukon Amateur Radio Association:

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

Links for Propagation

<http://www.haarp.alaska.edu/>

<http://www.amqrp.org/misc/links.html>

QRP and Homebrew Links <http://www.AL7FS.us>

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

Regular HAM Gatherings:

Tuesday Lunch, 11:30 AM: Denny's on Denali behind Sears. Several old timers show for this and have lots of stories to share.

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 American Diner, at the SE corner of Arctic and International. Great Fun.

Who Do I Contact to Join AARC

Fred Erickson KL7FE

12531 Alpine Dr

Anchorage, AK 99516-3121

E-mail: [membership \(at\) kl7aa.net](mailto: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.

SCRC general meeting has been suspended until further notice. No meetings are scheduled at this time.

2nd Saturday each month: PARKA Meeting at 11:00 AM. Polar Amateur Radio Klub is the only YL club in Alaska. All amateurs welcome. Peggy's, across from Merrill Field. 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.

2nd Saturday of each month: EARS general meeting at 3:00 PM. Meetings are held 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@qth.net or kl7yk@arrl.net

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

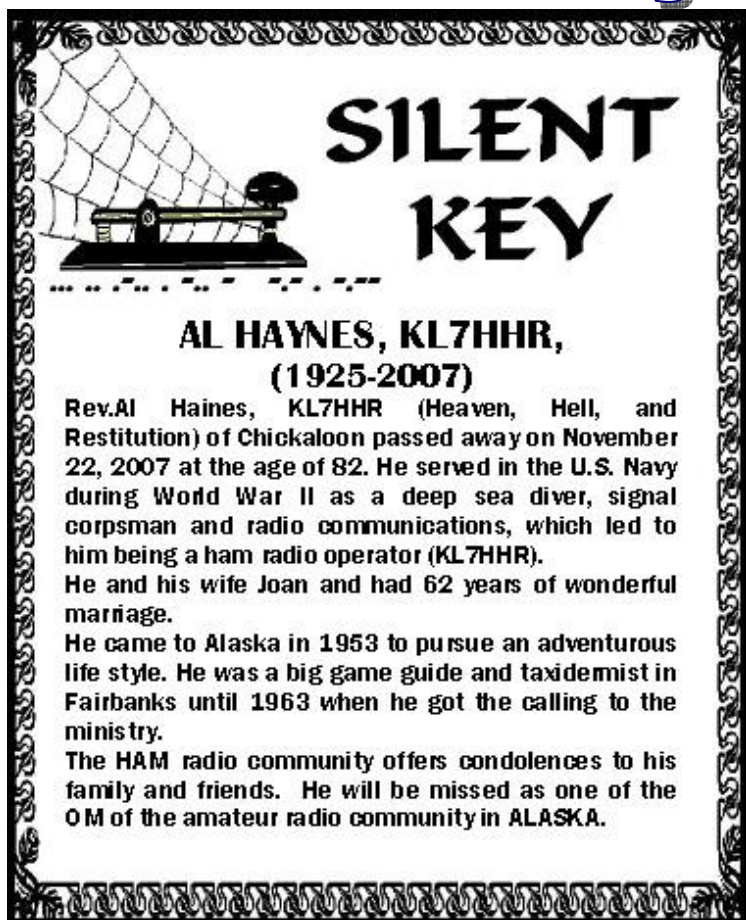
3rd Friday each month: Alaska QRP Club meeting 7:00 PM: Hams with QRP (low power under 5 watts) and Homebrewing interests meet for a social meeting monthly. Meet at Denny's on DeBarr & Bragaw in the back room. Bring projects to share with the group. Hungry QRPers start showing up about 6PM. Info contact Jim Larsen, AL7FS, JimLarsen2002@alaska.net or 345-3190.

3rd Saturday each month: ARES General meeting 9:30AM to 12:00 PM. Call Michael O'Keefe, ANC DEC: dec@kl7aa.net HM: 243-4675 for additional information. Also check for ARES Info at: <http://www.qsl.net/aresalaska/>

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@arrl.net.

Silent Key



AMATEUR RADIO



Gordon West, WB6NOA (left) promotes ALASKA 2008 to HRO owners (center and right) at PACIFICOM 2007!



Editor's Corner

editor@kl7aa.net

After one year of doing the newsletter I once again have great respect for the founders of AARC and their efforts on behalf of our organization.



When I go back and read newsletters from the past during the 1970's and early 1980's I am amazed at the graphics, hand and typed written documents that were submitted by members and leaders of our organization.

I feel fortunate to have a fast computer and easy clipart graphics compared to having to create my own in MS DOS or without a computer for the newsletter pioneers, and can not even fathom the number of hours that went into the newsletters of the past.

For all of you who have provided articles, information about silent keys, as well as feedback about information presented, THANK YOU for your input.

Thank you also to Harvey Rookus, John Orella, Bob Perez and many others who have sent positive input and feedback. It is nice to know when your efforts are appreciated and hopefully we can do more of that positive recognition of the members of our organization over the coming year as we venture into our second year as Newsletter editor and the 37th year of The MODULATION TIMES.

Happy Holidays,
Heather Hasper, KL7SP
AARC Newsletter Editor



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News Letter Submissions, Information or corrections: Submissions must be received 2 weeks before meeting Email: editor@kl7aa.net
Mail: PO BOX 101987, Anchorage, AK 99510-1987

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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.



Anchorage Amateur Radio Club

Membership Application / Renewal

Membership Chairman: Fred Erickson, KL7FE
Email: membership@kl7aa.net
Phone Number: 345-2181

**All annual memberships expire
on December 31st.**

Mail - In Membership Application

NAME: _____ CALL SIGN: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

PHONE: _____ HOME _____

E-MAIL: _____

_____ WORK _____

Are you a member of ARRL?

_____ MOBILE _____

YES _____

DUES:

NO _____

Dues for the calendar year are as follows:

- | | |
|-------------------------|---|
| ◆ Individual Membership | \$12.00 (\$6.00 for each additional member at the same address) |
| ◆ Student | No Charge ¹ |
| ◆ Life Time Membership | \$250.00 ² |

I am enclosing payment for:

Subscription / Renewal for _____ year(s).

Total US Dollars Enclosed: \$_____.

Please mail your payment and completed application to:

Anchorage Amateur Radio Club
c/o: Fred Erickson, KL7FE
12531 Alpine Drive
Anchorage, AK 99516-3121



1. **STUDENT** is defined as any individual enrolled Full-Time at any educational institution, using the criteria of Full Time enrollment for that institution
2. If Over 65, please contact Membership Chairman for pro-rated rates.

THE MODULATION TIMES

Anchorage Amateur Radio Club, Inc
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