

# Anchorage Amateur Radio Club

Radio Club Meeting, DECEMBER 5th, 2008 7:00 PM, APU



- ⇒ **CHRISTMAS SOCIAL: December 5th at APU**
- ⇒ **SANTA NET: 12/20 at 7PM**
- ⇒ **NWS Skywarn Recognition Day: 12/6**

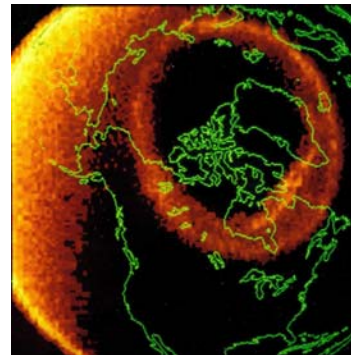
## Auroral Oval

Twin halos called the auroral ovals encircle the two polar regions of the earth. Each oval consists of a band of hard-to-see auroral glow within which are embedded visible auroral arcs, bands and other shapes. The oval in the southern hemisphere is nearly a carbon copy of the one in the north, so when one sees an aurora, he or she can be certain that a similar aurora is occurring in the other hemisphere at the same time. This statement is not quite correct because observations have shown that when a particularly extensive and bright aurora is in one hemisphere the exact counterpart to it in the other might not be found, or at least not at the expected location.

The two auroral ovals pivot around the earth's geomagnetic poles, located near Thule, Greenland and Vostok, Antarctica. They are displaced somewhat toward the night side of the earth with the consequence being that the ovals extend to lower latitude at night than they do in daytime. Usually the dayside of the northern auroral oval lies about 500 km north of the Alaska-Canada coast of the Beaufort Sea, but at night the oval extends down over the land in this region.

When conditions in the solar wind blowing out from the sun to the earth are quiet, the auroral ovals contract poleward and become quite narrow. During active conditions the ovals enlarge in diameter and widen. Under highly active conditions the northern oval might extend from Barrow to Ketchikan, Alaska. On rare occasions the northern oval may expand to reach southern California; likewise, the southern oval will expand toward the equator, simultaneously. The auroral zones represent the places on earth where auroras occur most often and with greatest intensity. It was the Swiss physicist Herman Fritz (1829-1902), in the 1881 book "Das Polarlicht," who first showed that the northern lights have a maximum zone close to 67 degrees north. He called this belt the auroral zone.

Thus, the auroral zones encompass the statistical distributions in latitude of all visible, night side auroras. The more detailed location of the auroral zones is based on professor Størmer's extensive auroral observations between 1910 and 1950.



The oval is asymmetrical, but generally around the region of the Arctic and Antarctic. The oval increases in intensity and size when auroral activity is more intense.

The momentary, instantaneous distribution of the auroras as a function of

both latitude and local time were mapped by ground, rocket and satellite measurements in the 1960s. The best overview was obtained by satellite photos of the earth. Then it was discovered that the auroras display a continuous oval zone around the magnetic pole in both hemispheres. Thus the auroral ovals are the regions on earth where the auroras are seen most often and with the greatest intensity.

The auroral oval is nearly twice as wide and twice as far from the magnetic pole at midnight as at midday, about 23 degrees and 12 degrees, respectively. On the night side the oval is roughly 10 degrees (about 1100 kilometres) closer to the equator than at the day side.

The auroral oval can be regarded as fixed in space with reference to the sun. As the earth revolves underneath, the daily variations in the aurora's position occur. In the Scandinavian sector you find that Andøya Rocket Range is located under the oval at night, while the oval lies across Svalbard during daytime. Halfway between northern Norway and Svalbard, northern lights can be observed in zenith both morning (around 0600) and evening (around 1800).

Modern studies have clearly shown that the shapes and locations of the ovals vary greatly with solar activity. With increasing activity on the sun, the oval widens and spreads, mainly towards the equator. □

# CLUB ANNOUNCEMENTS

## Santa Net

**WHEN: DECEMBER 20, 2008**

**7PM - 9PM**

**WHERE: 147.27(+) 103.5**

**HAVE YOU EVER WANTED TO TALK TO SANTA CLAUS. SANTA WILL JOIN US ON THE MT. SUSITNA REPEATER ON SATURDAY DECEMBER 20. IF YOU HAVE ANY QUESTIONS FOR SANTA OR KNOW OF ANY KIDS WITH QUESTIONS FOR SANTA PLEASE FEEL FREE TO JOIN US. WE HOPE TO HAVE STATE-WIDE PARTICIPATION.**

**QUESTIONS, PLEASE CONTACT KATHLEEN O'KEEFE, KL7KO AT 243-4675.**



## Christmas Social

**WHEN: DECEMBER 5, 2008**

**7PM - 9PM**

**WHERE: APU MEETING**

**WE WILL BE HAVING A RADIO CLUB HOLIDAY SOCIAL FOR THE DECEMBER 2008 MEETING. A SANTA CLAUS LOOK ALIKE CONTEST WILL TAKE PLACE AND SEVERAL OTHER ACTIVITIES.**

**FOOD AND BEVERAGES WILL BE AVAILABLE AND MEMBERS ARE ASKED TO BRING A POTLUCK ITEM. WE WILL NOT BE DOING A FORMAL GIFT EXCHANGE EVENT HOWEVER MEMBERS SHOULD BE CAUTIOUS OF INCOMING SNOWBALLS.**

## Electronic Class

Corny, KLOFK (Fully Knowledgeable) is currently teaching an electronics course on Friday evenings at the KL7AA Hamshack. All ham operators are invited. In DECEMBER the class will meet on 12/5, 12/12 and 12/19. They will be assembling an Elenco AM/FM -108tk Radio Kit and testing as assembled. Extra kits are available for \$26.00 for those who wish to purchase one to assemble at home. [www.elenco.com](http://www.elenco.com)



### Article Feedback: Crossband Repeater Article:

The article in the newsletter about crossbanding was informative, and easy reading. There was however one missing thing, one HUGE missing item in the article. ID's. The FCC requires that each transmitter be identified.

So if you ID on your VHF transceiver, that ID only covers that particular radio, you don't have an ID on the crossbanding unit (there are several options, small circuit boards that are either programmable with dip switch's or a external computer) that can add in the required ID.

I've discovered over the years that many of the cross band radio's leave the local mike HOT when in crossbanding operation, which means unintended comments from someone near the radio, external to the car/truck, or outside noises (aircraft, sirens etc) can be picked up with the local mike and transmitted along with the intended crossband audio. This can prove embarrassing to say the least. A final thought on the crossbanding, while in band repeaters are designed for 100% duty cycle at their rated power, there's not one mobile or handheld out there that I know of in the amateur service that is designed to operate at full power at 100% duty cycle. If your going to crossband, besides ID'ing the crossband unit, look at operating it at medium or low power, else you may melt down that fancy new crossbanding radio.

73,

Doug Dickinson, KL7IKX

\* Doug has over 30 years of experience with radios installations throughout Alaska for the Bureau of Land Management. Doug is also an ARRL Official Observer for the Alaska Section.



**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.

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# AARC BADGES

## KL7AA BADGES are AVAILABLE!

The badge comes with your Name and Callsign engraved, the club logo on an arch 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, KI7MD at 907-351-4038 or via email at: [mok@gci.net](mailto:mok@gci.net).

When ordering, please indicate your name, Call-sign and if you wish to have any additional name plates added.

Orders take approximately 10 days for printing and our made locally in Anchorage.



### 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** has been an ARRL affiliated club for more than 50 years. Consider becoming a member of ARRL today. [www.arrl.org](http://www.arrl.org)

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

**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.

**OPINIONS** expressed in The Modulation Times are not necessarily those of the Anchorage Amateur Radio Club. **MEMBERS** and **non-members** are invited to submit articles of interest. AARC assumes no responsibility for contributed items or their return without a self addressed stamped envelope. Sources of the items must be provided and ALL material is subject to editing required to conform to space limitations.



## CLUB COATS

With a removable liner, lots of pockets, and waterproof, the coat gives the radio club great publicity with a full back, club logo and a Name and Call-Sign Personalization on the left chest. For those of you interested in purchasing a coat, the costs are **\$75 per club member**. This is a great price for a coat than can be used during summer amateur activities or as a winter coat during Sled Dog races or November Sweepstakes. Must have a current club membership. If you are interested in ordering a coat, a sign up sheet will be available at the club meeting or feel free to contact Craig Severson, KL2FN; [chipman@clearwire.net](mailto:chipman@clearwire.net)



# KL7AA Club Business: General Meeting

## ANCHORAGE AMATEUR RADIO CLUB MEMBERSHIP MEETING

November 7, 2008

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.

### Presentations

Anchorage Water and Wastewater (AWWU) Safety Manager, Bob Sternberg gave a presentation on AWWU's Emergency Response (ERP) and Disaster Plans. Bob noted the ERP plan was developed as required by the Environmental Protection Agency and primarily addresses man-made emergencies. Talking points on the ERP included maintaining public confidence, AWWU employee and family safety, dispatch procedures for employees following an event, constant monitoring of AWWU's infrastructure via SCADA, in house laboratory testing and monitoring of water throughout the utility, ERP training at all levels, annual training requirements and communications needs. Bob noted AWWU's goal to have its Disaster Plan rolled into the ERP by the end of 2008. Questions and discussion included chlorine usage by the utility and storage, fire hydrant locations, earthquake damage and response plans and laboratory monitoring and testing.

2008 Anchorage Amateur Radio Club Elections Chair Richard Tweet, KL2AZ, reported on the election results for Officers and Directors for terms beginning January 1, 2009. 213 ballots were mailed out and 107 of them were returned. Results are as follows;

### Officers (2 Year term 2009-2010)

- ⇒ President – Randy Vallee, KL7Z
- ⇒ Vice President – Heather Hasper, KL7SP
- ⇒ Treasurer – Calex Gonzalez, KL2BT
- ⇒ Secretary – Richard Tweet, KL2AZ

### Officers (1 Year term)

Activities Manager – No candidates (3 write in candidates, all declined)

Directors (elected) 3 Year Term (2009-2011)

### Three Year Board Member

- ⇒ Bruce McCormick KL7BM

### Directors (elected) 1 Year Term

One Year Board Member (1 of 7) -

- ⇒ Tom Rutigliano NL7TZ

One Year Board Member (2 of 7) -

- ⇒ T.J. Sheffield KL7TS

One Year Board Member (3 of 7)

- ⇒ Eric McIntosh KL2FM

One Year Board Member (4 of 7)

- ⇒ Sean Jensen KL2CO

One Year Board Member (5 of 7)

- ⇒ John Orella KL7LL

One Year Board Member (6 of 7)

- ⇒ Susan Woods NL7NN

One Year Board Member (7 of 7)

- ⇒ Paul Spatzek WL7BF Directors  
(automatic) 1 Year Term

- ⇒ Past President – Kathleen O'Keefe KL7KO

Rich Gillin, KL2RG, gave a presentation on the HughesNet Satellite Internet Project as approved at the October AARC Board Meeting. Rich presented the project team, scope and details for installation and deployment. Project funds approved were \$4500.00. President O'Keefe asked for a show of hands to approve the requested project and associated cost. This passed unanimously

Treasurer Heather Hasper, KL7SP, presented the AARC 2009-2010 budget, Heather gave a detailed, line by line presentation and explanation of the budget and the requirements of State gaming laws as applicable. Motion made Jim Larsen AL7FS, seconded Keith Clark KL7MM to accept the budget as presented and amended. The motion passed with a majority and 1 nay vote.

### OTHER

Grants, as approved at the October AARC Board meeting, were presented for membership approval.

President O'Keefe asked for a show of hands to approve the Hope Community Resource Grant for \$10,900. This passed unanimously.

President O'Keefe asked for a show of hands to approve the Alaska Mountain Rescue Group (AMRG) Grant for \$10,500. This passed unanimously.

### Door Prize Drawing

No door prize drawing was held

The meeting adjourned at 8:40pm.

Submitted as recorded on November 7, 2008 by:

Richard Tweet, KL2AZ

Secretary

# AMATEUR RADIO

# KL7AA Club Business

## ANCHORAGE AMATEUR RADIO CLUB BOARD MEETING

November 18, 2008  
540 WEST INTERNATIONAL ROAD  
Anchorage, AK  
(UNAPPROVED at Printing)

The meeting was called to order at 7:05 PM by President Kathleen O'Keefe

A quorum was established: (2 Officers, 7 Board members required)

### BOARD MEMBERS PRESENT:

President Kathleen O'Keefe KL7KO, Vice President Jim Larsen AL7FS, Secretary Richard Tweet KL2AZ, Calex Gonzalez KL2BT, Paul Spatzek WL7BF, Eric McIntosh KL2FM, Susan Woods NL7NN, Tom Rutigliano NL7TZ, John Orella KL7LL.

### NON-VOTING MEMBERS PRESENT

Keith Clark KL7MM, Fred Erickson KL7FE

### EXCUSED

Treasurer Heather Hasper KL7SP, Michael O'Keefe KL7MD. Both were excused to instruct at the Technician training class.

### UNEXCUSED

Frank Pratt KL7RX, Mike Romanello KL7BK, Craig Severson KL2FN, Richard Kotsch WL7CPX, T.J. Sheffield KL7TS.

### REQUEST FOR AGENDA ITEMS

T.J. Tombleson, KB8JXX – Use of Club Equipment  
Bruce McCormick, KL7BM – CCV Safety and Security

Gordon Hartlieb, AL1W – Iditarod Dog Race

Michael O'Keefe, KL7MD – Missing Club Equipment

### GUESTS

Sean Jensen KL2CO, Rich Gillin KL2RG, and Gordon Hartlieb AL1W.

T.J. Tombleson (KB8JXX) was not in attendance, so the agenda item of use of club equipment was removed from the agenda. General Board discussion of the topic noted concern of the use of AARC equipment by individuals not trained on the equipment in use and the need for trainers to accommodate this need if the club is to allow use of the equipment by members. Several qualified individuals will be contacted by the Board to discuss their ability to train members on the use of equipment.

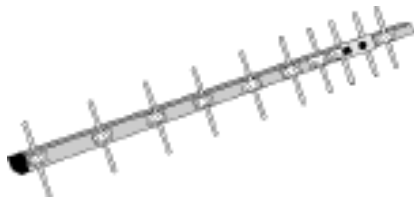
Gordon Hartlieb (AL1W) returned to discuss the involvement of the AARC with the Iditarod Trail Committee (ITC). Gordon noted the progressively difficult time recruiting volunteers and support for this event and noted he will continue to pursue the recruitment of volunteers for the event. General Board discussion noted the confusion of responsibilities by the ITC, CCV location at the event, ITC treatment of volunteers, getting new hams involved with the race. Gordon will pursue communications with ITC officials to see if a formal, documented plan can be developed and will report back at the December AARC Board meeting.

General Board discussion was held regarding missing club equipment and CCV safety and security as the requesters of this agenda item were unavailable. Discussion noted a missing antenna in addition to the previous list and access to the rear CCV room. As related to club equipment, Jim Larsen (AL7FS) noted a request to have the Anchorage Senior Center ham shack equipment removed and recovered by AARC by Clyde Bloker (KL7IBY) due to issues and problems with current management of the facility in regard to the station.

### SECRETARY REPORT

Previous Board meeting minutes for the October Board meeting were presented as well as the membership meeting minutes from the November membership meeting. Motion made Paul Spatzek WL7BF, seconded Calex Gonzalez KL2BT to accept the minutes as presented. The motion carried unanimously.

The final 2008 AARC election committee report was submitted.





Board member attendance was reviewed. AARC by-laws were reviewed and the 3 year Board position held by Frank Pratt KL7RX was declared vacant by consensus of the Board. The two unsuccessful candidates for the 2009-2011 Three Year Board position were both asked if they were interested in fulfilling the vacant position's remaining term (2008-2010). Sean Jensen (KL2CO) declined the position. Paul Spatzek (WL7BF) expressed interest. Motion made Tom Rutigliano (NL7TZ), seconded John Orella (KL7LL) to recommend Paul Spatzek to fill and complete the term of the vacant Three Year Board position. The motion passed unanimously. Discussion noted that, if this is approved by the membership at the December meeting, the 2009 One Year Board position to be occupied by Paul Spatzek would be vacant.

Motion made John Orella KL7LL, seconded Eric McIntosh KL2FM to recommend Craig Severson to fill and complete the term of the vacant 2009 One Year Board position. The motion passed unanimously.

## **TREASURER'S REPORT**

No report given as Treasurer Hasper was excused from the meeting.

## **VE REPORT**

No report given as the VEC was not in attendance.

## **TRUSTEE REPORT**

Keith Clark reported on November Sweepstakes with results of 79 of 80 sections obtained and a score of approximately 103,000.

## **MEMBERSHIP REPORT**

Fred Erickson reported there are currently 321 on the active roster of which 307 are hams. Fred noted 106 memberships expire in December 2008. Fred noted he will be unavailable for membership renewal at the December membership meeting. Calix Gonzalez (KL2BT) volunteered to take care of renewals during the meeting.

## **ARES TRAINING**

No training will be held in December. Discussion noted the use of Santa Nets to involve amateur radio families. The Board noted support of such an event by the AARC and will request that a Net Control and Santa volunteer will be requested in the AARC newsletter and any other available means. Discussion noted the need to understand third party traffic rules.

## **OLD BUSINESS**

### **TITLE 21**

Keith Clark (KL7MM) noted that issues related to the amateur radio community are mostly complete with all decisions being favorable. Title 21 will continue to be monitored until it is complete.

### **CCV TOILET**

Susan Woods (NL7NN) reported that she has been unable to locate a Toilevator device locally and has priced a replacement toilet for the CCV facility at \$286.00. John Orella (KL7LL) volunteered to further research the availability of the device. Discussion noted that this may be a negotiable lease item with the owner.

### **REAL ESTATE**

Keith Clark reported the Car Care Center facility at 332 Muldoon Road is still available. Keith will be meeting with the AARC bank to discuss details regarding such a purchase.

## **NEW BUSINESS**

### **PROGRAM FOR DECEMBER MEETING**

No program for December is planned. General discussion was held regarding a December membership meeting/Food Social event. Motion made Tom Rutigliano NL7TZ, seconded John Orella KL7LL to approve up to \$200 for purchase of foods and refreshments for a Christmas Social to be held with the December membership meeting. The motion passed unanimously.

### **APPROVALS, KL7AA IN THE NEXT MONTH**

None

### **ADJOURNMENT**

Motion made Jim Larsen AL7FS, seconded Calix Gonzalez KL2BT to adjourn. Motion carried. The meeting adjourned at 8:20pm.

Respectfully submitted as recorded on 11/18/08 by

Richard Tweet, KL2AZ  
Secretary



November Sweepstakes was a great success thanks to the efforts of many. Our score is still being calculated, however we did have a great turnout at both station locations.



L=>R: Pat Wilke, WL7JA, Rich Gillin, KL2RG, Roger Gollub, WB0CMZ (SK) and TJ Sheffield, KL7TS.

Thanks to Pat Wilke, WL7JA for the photos and to the Cliffside Amateur Radio Association for providing SAT morning breakfast for the set up crew.

# AMATEUR RADIO

The Alaska DX Club (KL7DX and KL7CQ) has been granted a third call sign which we will be using for a yearlong special event (2009) in honor of the 50th Anniversary of Alaska's Statehood. The call sign is KL5O.

- ★ Attached a picture of what the QSL card will look like.



**PAT WILKE, WL7JA AND ALLEN BRIER, N5XZ**



## TJ SHEFFIELD, KL7TS AND RICH GILLIN, KL2RG





# SILENT KEYS



Sadly, the amateur radio community has lost another great amateur radio operator and Elmer. Dr. Roger Gollub, WB0CMZ was killed on Wed November 19, 2008.

Roger passed away when the dog sled team he was with was run over by a snowmobile outside of Kotzebue while serving as a visiting pediatrician to the community. He recently retired from a life of service to others as a public health pediatrician.

Roger was a very high speed CW operator. His life long passion for playing with ham radio and CW fitted him perfectly. He was fast and really good in pile-ups. He had magic fingers on the paddles. It took him a couple of hours into the operation to get a quick breather and start to 'rag chew' with the many stations that were calling from all over the world. His favorite enjoyment was being able to have conversations in CW with stations from around the world.

The amateur radio community throughout Alaska is deeply saddened by the loss of this great Elmer. He was one of those extraordinary people who touch the lives of so many and leaves a legacy of inspiration behind.

The amateur radio community throughout Alaska is deeply saddened by the loss of this great Elmer. We wish comfort and peace for Roger's friends and family. A celebration of Life for Roger will be on WED, DECEMBER 3rd at 2PM at South Central Foundation, in Anchorage. All hams are invited to attend.





# SILENT KEYS

## SILENT KEY

Francis Hurlbut, III

1955 - 2008

### A KNOW CODE EXTRA

Frank Hurlbut, III, died on November 17, 2008 in Anchorage, Alaska. He was 53 years old.

Frank was an excellent amateur radio operator embracing all aspects of radio. Frank was so fascinated by radio that he worked full time for the Federal Aviation Administration as a Frequency Manager. His expertise was routinely called upon to troubleshoot RF Interference throughout the United States.

Frank was an active EME operator, loved CW and enjoyed IOTA DXpeditions. Frank was one the world's great contesters. He was a great ELMER and a founder of many radio clubs and activities, he operated under many callsigns. KL1SLE, KL7DX, KL7CQ (the Alaska DX Club), KL7FAA and many others.

The amateur radio community sends their condolences to his family, his wife Corlis, AL1G and friends for their loss. Frank will be missed by all amateur operators worldwide.







The 10th Annual SKYWARN Recognition Day (SRD) Special Event will take place Saturday, December 6, 2008. SRD is co-sponsored by the ARRL and the National Weather Service (NWS) as a way to recognize the commitment made by

Amateur Radio operators in helping to keep their communities safe. According to SRD Coordinator David Floyd, N5DBZ, Amateur Radio operators can visit their local participating NWS office, working as a team to contact other hams across the world throughout the 24 hour event.

The idea for the first SRD took shape in the summer of 1999. Meteorologist-in-Charge of the Goodland, Kansas NWS office Scott Mentzer, N0QE, tried to find a way to recognize the valuable contributions storm spotters make to the National Weather Service. "Since many of those storm spotters were also hams," Floyd said, "it seemed like a natural fit for the recognition to be centered on Amateur Radio."

With the approval of NWS headquarters and a commitment to participate from many local NWS offices across the country, the first National Weather Service Special Event took place on November 27, 1999. "At the end of the event, an amazing 15,888 QSOs were logged, with contacts made to all 50 states and 63 countries," Floyd recounted. "The Des Moines forecast office took the honor of making the most contacts of any office that first year with 761 QSOs, and went on to lead the pack until 2003 by logging between 1300-1500 contacts each year!"

Floyd said that feedback from that first event was "overwhelmingly positive" from both the NWS staff and the local ham clubs: "Suddenly there was incentive for more NWS staffers to either obtain a license or upgrade so that more people could work ham radio during severe events. In addition, many club members had never visited an NWS office before. When they came for the special event, they learned the value of their reports and how they were used in conjunction with existing technology."

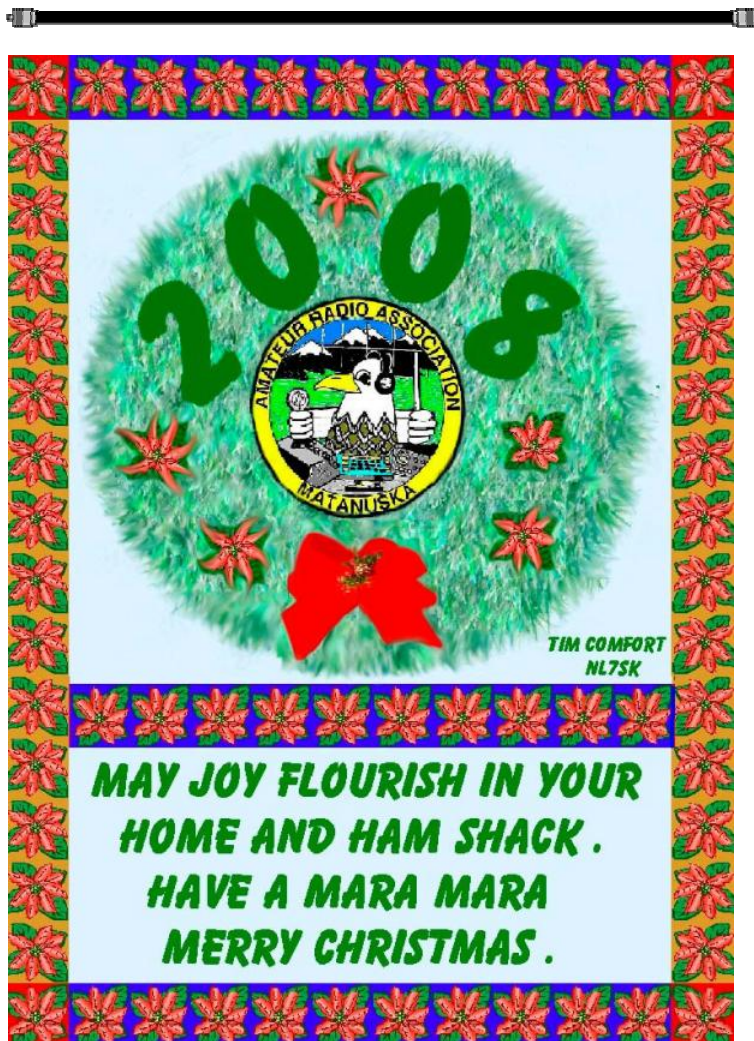
And so began an annual tradition. The following year, 85 of the 122 NWS offices -- almost 70 percent -- participated in the event, making nearly 24,000 QSOs. "Perhaps the most unusual contact occurred in 2000 was with an airliner 39,000 feet above Utah," Floyd said. "The pilot ended the QSO with a request for a 'spot weather forecast' for his arrival at Salt Lake City airport."

In 2001, the name of the event was changed to SKYWARN Recognition Day, a name Floyd said better relayed what the day was all about: "Each year since the inception of SRD, the number of NWS offices and local ham clubs participating has increased, until now more than 100 offices sign up each year to take part.



Floyd said that as SKYWARN Recognition Day has grown throughout the years, he has seen a greater use of digital communications in addition to CW, RTTY and packet radio: "Each year, more and more contacts are being made using EchoLink, Winlink and the use of e-mail reflectors."

2008 SKYWARN Recognition Day will be held on December 6 from 0000 UTC-2400 UTC. Last year, contacts were made in all 50 states and 40 countries during the 24 hour event. If you haven't joined in the fun, make 2008 your year to do so!





## ARES TRAINING December 6, 2008 (Anchorage, ALASKA)

**In ALASKA all NWS offices are asked to participate in Skywarn Recognition Day.** Ham operators in each community are being asked to send forecast data on behalf of the NWS. This will be an exercise to see if we can support the national MOU between the NWS and ARRL in ALASKA.

Fairbanks will be using Winlink.

In South Central Alaska, the exercise will run from **10AM - 11AM AKST.**

We will be operating from the NWS Anchorage Forecast office on Sand Lake, the Tsunami Warning Center in the MATSU valley and other weather observation stations.

### **FREQUENCY:**

VHF: 147.27(+) 103.5

PACKET: 146.96

HF: 3.920 MHz or 7.092 MHz and 20M as back up.

For questions about this event please contact the following people:

In Anchorage: Michael O'Keefe, KL7MD  
mok@gci.net or 351-4038

In MATSU: Don Bush, KL7JFT,  
dbush@gci.net or

In Kodiak: Rich Courtney, State Emergency Coordinator,  
NL9H@arrl.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.

**Upper Susitna Emergency Communications Group (USECG)** meets each Monday evening on 146.54 at 8:00 PM AST.

This group was formed following the 2006 flood at which time telephone and cell phone connects were lost. We now have an estimated 35 hams within the area. Participation is welcome by all.

The **ARRL Certification and Continuing Education Program**, was approved by the ARRL Board in January 2000. Volunteers from all over the country assisted in pulling together information for the course. Because the topic of emergency communications is so diversified and so much information is available, the material is broken into three levels: **Introductory**, **Intermediate** and **Advanced Emergency Communications (Levels I, II and III)**.

Each on-line course has been developed in segments -- learning units with objectives, informative text, student activities, and quizzes. Courses are interactive and include direct communications with a Mentor/Instructor and other students.

Check out: <http://www.arrl.org/cce/> for more information.

### **ARES District 7 Contact Information**










Michael O'Keefe, KL7MD

[DEC7 at kl7aa.net](mailto:DEC7@kl7aa.net)



# ARES DISTRICT 7 & 5 KL7AA & KL7JFU

# December 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4 	5  <b>AARC Meeting 7PM</b>	6  <b>ARES Training 0930</b>
7	8	9	10 <b>MARA Board Meeting 7PM</b>	11  	12	13 <b>PARKA Meeting 11 AM</b>
14	15	16 <b>AARC Board Meeting 7PM</b>	17	18 	19	20  EARS: 3PM <b>SANTA NET: 7PM</b>
21	22	23	24	25 	26  <b>MARA MEETING 7PM</b>	27
28	29	30	31	EARS: R1 North, Contact: Ron Keech: KL7YK@arll.net Parka, meets at Denny's on Denali Street at 11AM Contact: LI Marvin NL7DL, 277-6741		

ARES NET: Thursday Nights 8:00 PM 147.27+ PL: 103.5 or 443.30+ PL 103.5

## 12/6 ARES Training: 10AM - 11AM Skywarn Recognition Day

Stations are encouraged to check in from local NWS offices throughout Alaska and relay traffic on VHF, HF and packet data. IRLP will also be operational.

## 12/20 SANTA NET: 147.27(+) 103.5

  
Talk to Santa Claus  
Saturday at 7PM - 9PM  
We will taking check-ins on IRLP from all over Alaska



Anchorage Amateur Radio Club  
PO BOX 101987  
Anchorage, AK 99510-1987



### ARES NETS:

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







## Data You Can Use:



### 2008 Board of Directors

**President:** Kathleen O'Keefe, KL7KO [president at kl7aa.net](http://president.at.kl7aa.net)

**Vice Pres:** Jim Larsen, AL7FS [vicepresident at kl7aa.net](http://vicepresident.at.kl7aa.net)

**Secretary:** Richard Tweet, KL2AZ [secretary at kl7aa.net](http://secretary.at.kl7aa.net)

**Treasurer:** Heather Hasper, KL7SP [treasurer at kl7aa.net](http://treasurer.at.kl7aa.net)

**Activities Chairman:**

Richard Kotsch, WL7CPX [activities at kl7aa.net](http://activities.at.kl7aa.net)

**Trustee:** Keith Clark, KL7MM [trustee at kl7aa.net](http://trustee.at.kl7aa.net)

**Membership Chairman:**

Fred Erickson, KL7FE [membership at kl7aa.net](http://membership.at.kl7aa.net)

**News Letter Editor:** Heather Hasper, KL7SP [editor at kl7aa.net](http://editor.at.kl7aa.net)

### Three Year Board Members

Paul Spatzek, WL7BF Paul.Spatzek at acsalaska.net (3rd Year)

Michael O'Keefe, KL7MD mok at gci.net (2nd Year)

Frank Pratt, KL7RX kl7rx at arrl.net (1st year)

### One Year Board Members

Eric McIntosh - KL2FM, kl2fm at arrl.net

TJ Sheffield - KL7TS, kl7ts at arrl.net

Craig Severson - KL2FN, chipman at clearwire.net

John Orella: KL7LL, kl7ll at arrl.net

Susan Woods: NL7NN, NL7NN4606 at yahoo.com

Calex Gonzalez: KL2BT, calex.gonzalez at hdrinc.com

Tom Rutigliano, NL7TZ, tomr at alaska.net

Mike Romanello, KL7BK, kl7bk at mtaonline.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](http://membership.at.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

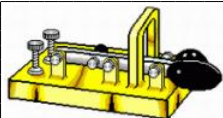
147.57 MHz National DX Calling / Coordinating frequency

146.49 MHz Anchorage area simplex chat

146.43 MHz Mat-Su Valley simplex chat

147.42 MHz Peninsula simplex chat

146.58 MHz Simplex IRLP - Wasilla Lake



### VHF

The following nets are active in South-Central Alaska:

**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

**Morning Road and Weather Report:**

147.27/87 103.5Hz - Daily at 9:00 AM

**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, 52.320 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 ARES Net:** 147.27/87 103.5Hz

Sunday 8:00 PM local: Echolink: KL7TQ

## Nets in Alaska:

### 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



## Internet Links, the favorites from our readers:

AARC <http://www.KL7AA.net/>  
SCRC <http://www.KL7G.org>  
EARS <http://www.kl7air.us>  
MARA <http://www.kl7jfu.com>  
Moose Horn ARC <http://www.moosehornarc.com>  
PARKA <http://www.parka-kl7ion.com>  
ARES <http://www.aresalaska.org>  
Practice Exams : <http://www.AA9PW.com>  
Fairbanks AARC: <http://www.kl7kc.com/>  
ALASKA MARS: <http://www.akmars.org>  
Alaska VHF-Up Group: <http://www.kl7uw.com/avg.htm>  
Bethel Amateur Radio Klub: <http://www.al7yk.org/>  
Yukon Amateur Radio Association:  
<http://www.yara.ca/>

## Links for Propagation

<http://www.harp.alaska.edu/>  
<http://www.amgrp.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](mailto: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 about amateur radio in Alaska.

**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 Northeast 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

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

**1<sup>st</sup> 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.

**2<sup>nd</sup> 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+.

**2<sup>nd</sup> 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.

**3<sup>rd</sup> 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](mailto:KL7AIR@arrl.net) or [KL7YK@arrl.net](mailto:KL7YK@arrl.net)

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

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

**4<sup>th</sup> 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](mailto:NL7SK@arrl.net).



# Anchorage Amateur Radio Club

## Membership Application / Renewal

Membership Chairman: Fred Erickson, KL7FE  
Email: [membership@kl7aa.net](mailto:membership@kl7aa.net)  
Phone Number: 345-2181

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

Mail - In Membership Application

NAME: \_\_\_\_\_

CALL SIGN: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_

ZIP CODE: \_\_\_\_\_

PHONE:

E-MAIL:

HOME

WORK

MOBILE

Are you a member of ARRL?

YES \_\_\_\_\_

NO \_\_\_\_\_



### **DUES:**

Dues for the calendar year (Jan through Dec) are as follows:

Individual Membership	\$12.00 (\$6.00 for each additional member at the same address)
Full Time Student	No Charge

Dues for **New** Members, joining the club for the first time will have their dues pro-rated from the month they first join to the end of the year at a rate of \$1 per month. For example, if you join in the beginning of August, your dues for the remainder of the year are \$5

Life Time Membership	\$250.00 (if over 65, inquire about reduced rates)
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I am enclosing payment for:

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

Total US Dollars Enclosed: \$ \_\_\_\_\_

What year did you get  
your first Ham  
License? \_\_\_\_\_

Please mail your payment and completed application to:

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

## THE MODULATION TIMES

Anchorage Amateur Radio Club, Inc  
Post Office Box 101987  
Anchorage, Alaska 99510-1987  
[www.kl7aa.net](http://www.kl7aa.net)

PRSRT STD  
U.S. Postage  
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Permit No. 69

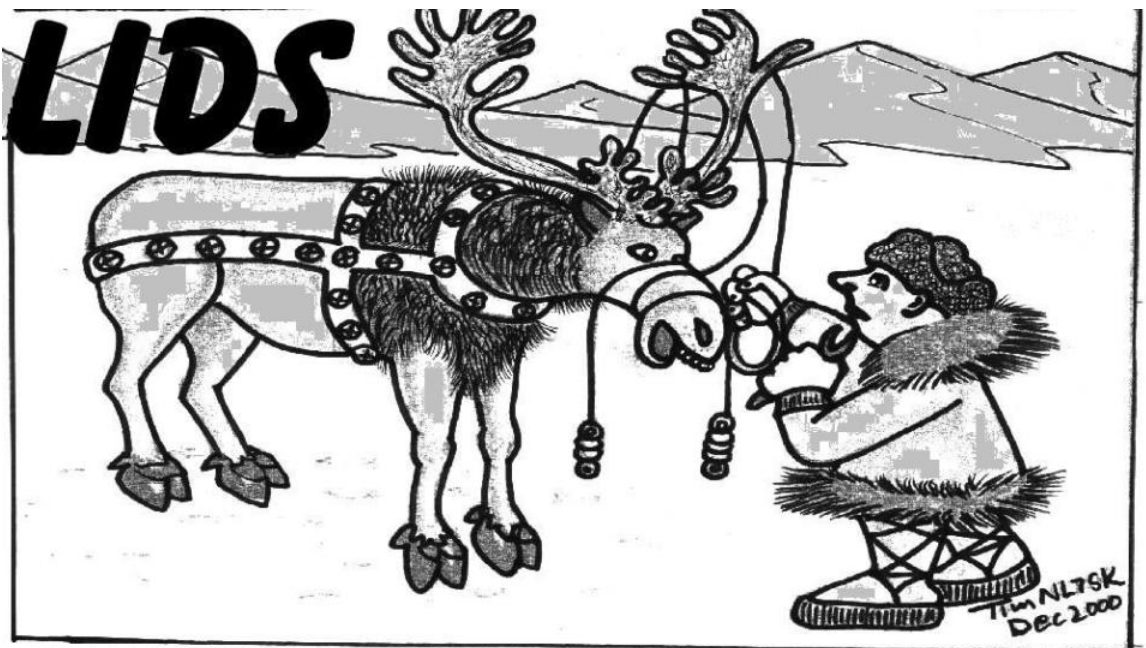


*ARRL Affiliated  
Club for more  
than 50 years*

## AMATEUR RADIO

**LIDS Cartoons** are the creation of NL7SK, Tim Comfort and are available for purchase on CD for only \$15. All sale proceeds go to support the Matanuska Amateur Radio Association.

[www.kl7jfu.com](http://www.kl7jfu.com)



**TO MAKE A LONG STORY SHORT, I THOUGHT HE HOLLERED "DIVE LOW-DIVE LOW", BUT HE REALLY SHOUTED "DIPOLE-DIPOLE" ! SORRY ABOUT YOUR ANTENNA. YAH GOT ANY EGG NOG TO WASH THE COPPERCLAD TASTE FROM MY MOUTH ?**

