

Anchorage Amateur Radio Club

Next Meeting October 5th 2007, 7:00 PM



OCTOBER PROGRAM:

Tom Murray
Volcanologist U.S.G.S.

Alaska is one of the most geologically active areas in the world. Alaska is the most seismically active state in the U.S. by a large margin and one of the most active areas in the world. Three of the six largest earthquakes ever recorded world-wide occurred in Alaska as did seven of the 10 largest in the U.S. Roughly 10% of the world's active volcanoes are in Alaska and on average, 1-2 erupt each year. The largest eruption in the 20th century was at Katmai on the Alaska Peninsula in 1912. Though many of Alaska's volcanoes are in the remote Aleutians, volcanic ash resulting from eruptions any of these volcanoes pose a significant hazard to the aviation industry, including the wide-body jets flying the North Pacific air routes between North America and Asia.

The Hazards Office of the Alaska Science Center is the focal point for U.S. Geological Survey earthquake and volcano work in Alaska. Scientists in the Hazards Office work closely with USGS scientists outside Alaska as members of national teams striving to understand better seismic and volcanic processes. Their goal is to minimize the loss of life and property resulting from their inevitable occurrence. Tom has a bachelor of Science degree from Stanford University. He has worked on Volcanic crisis situations around the world including the Philippines, New Guinea, Ecuador and Columbia. He relocated to Alaska in 2000 where he was appointed the chief scientist in charge of the Alaska Volcano Observatory for the USGS.

Introduction to Packet Radio

By Larry Kenney, WB9LOZ

WHAT IS PACKET RADIO?

A Short History - How it all began

It was in March, 1980, that the Federal Communications Commission approved the transmission of ASCII for Amateur Radio in the United States. That was a year and a half after Canadian hams had been authorized to transmit digital "packet radio", and the Canadians had already been working on a protocol for it. Doug Lockhart, VE7APU, of Vancouver, British Columbia, had developed a device that he called a terminal node controller (TNC). It worked with a modem to convert ASCII to modulated tones and convert the demodulated tones back to ASCII.

Doug had also formed the Vancouver Amateur Digital Communications Group (VADCG) and named his TNC the "VADCG board".

Hams here in the U.S. started experimenting with the VADCG board, but in December, 1980, a ham from the San Francisco Bay Area, Hank Magnuski, KA6M, put a digital repeater on 2 meters using a TNC that he had developed. A group of hams interested in Hank's TNC started working together on further developments in packet radio and formed the Pacific Packet Radio Society (PPRS). AMRAD, the Amateur Radio Research and Development Corporation, in Washington, DC became the center for packet work on the east coast, and in 1981 a group of hams in Tucson, Arizona, founded the Tucson Amateur Packet Radio Corporation (TAPR).

Working together these groups developed a modified version of the commercial X.25 protocol called Amateur X.25 (AX.25) and in November, 1983, TAPR released the first TNC in kit form, the TAPR TNC1. In 1984, a great deal of packet experimentation was done, software for packet bulletin board systems was developed, and packet radio started becoming more and more popular all across the U.S. and Canada.

Packet Radio was one of the major developments to hit the world of Amateur Radio and thousands of hams soon caught the "packet bug". If you're wondering what it's all about and why so many people got so excited about it, continue reading. You're about to find out.

Packet Radio - What It's All About

Packet seems to offer something different from other facets of Amateur Radio, yet it can be used for everything from a local QSO to a DX contact thousands of miles away, for electronic mail, message transmission, emergency communications, or just plain tinkering in the world of digital communications. It presents a new challenge for those tired of the QRM on the low bands, a new mode for those already on FM, and a better, faster means of message handling for those on RTTY. Packet is for the rag chewer, the traffic handler, the experimenter, and the casual operator.



A ham can get involved very easily with relatively small out-of-pocket expenses. All you need is a transceiver, a computer, and a TNC or special packet modem and software. A two-meter rig is preferred, since that's where most of the packet activity is located. You probably already have the rig and the computer, so all you need to buy is the TNC, which costs just over \$100, or the special modem and software, which sell together for about \$50.

The TNC, the Terminal Node Controller, is a "little black box" that's wired between the computer and the radio. It contains software for controlling the outgoing and incoming transmissions for your station and a modem that converts the data from the computer into AFSK tones for transmission and changes the tones that are received by the radio into data for the computer. The TNC modem works much like a modem that's used to connect your computer to the telephone lines. It's a simple matter of wiring up a plug and a couple of jacks to become fully operational on packet. If you prefer to use the small modem instead of a TNC, you'll need special software for your computer to replace the software in the TNC. Either method works equally well.

Packet is communications between people either direct or indirect. You can work "keyboard to keyboard" or use electronic mailboxes or bulletin board systems to leave messages. Due to the error checking by the TNC, all of it is error free, too. (That is, as error free as the person at the keyboard types it!) As the data is received it's continuously checked for errors, and it isn't accepted unless it's correct. You don't miss the information if it has errors, however, because the information is resent until it is correctly received.

The data that is to be transmitted is collected in the TNC and sent as bursts, or packets, of information, hence the name. Each packet has the callsign or address of who it's going to, who it's coming from and the route between the two stations included, along with the data and error checking. Since up to 256 characters can be included in each packet, more than three lines of text can be sent in a matter of a couple of seconds. There is also plenty of time between packets for several stations to be using the same frequency at the same time.

If all of this sounds confusing, don't let it bother you, because the TNC or special packet software does everything for you automatically. Packet radio might seem very confusing at first, but in a day or two you'll be in there with the best of them. In this series I'll be telling you all about packet radio - how you get on the air and how to use it. We'll talk about the little black box, the TNC, and tell you about all its inner-most secrets. We'll discuss mailboxes, bulletin board systems, and the packet networks that allow you to work stations hundreds, even thousands, of miles away using just a low powered rig on 2 meters, 220 or 450. The world of packet radio awaits you!

KL7AA Club Business

AARC Membership Meeting

September 7, 2007

APU Carr Gottstein Building

The meeting was called to order by Kathleen O'Keefe (KL7KO) at 7:00pm with 40 members and guests in attendance.

Presentations

Mead Treadwell gave a presentation on the International Polar Year. A PowerPoint slide show accompanied the presentation and highlighted the changing map of the Arctic as well as permafrost conditions, buoy deployment for measurements, Polar class icebreakers, polar shift, Arctic energy, Arctic languages, water salinity, ocean vents, and Iridium satellites. Additional information may be found at the following websites <http://www.Arctic.gov> , <http://www.us-ipy.org> . and <http://www.us-ipy.gov> .

Jim Wiley (KL7CC) noted that the exam session during the 2007 Hamfest would be held at 2pm for those interested. Jim noted that he had miscellaneous equipment of Richard Zook's (KL7BDG) for disposal which would also be at the Hamfest. Jim also noted that a 50-60 foot windmill tower at 71st and Arctic would be taken down the following weekend and he was in need of two ground men to assist.

Michael O'Keefe (KL7MD) noted that the CCV tower is nearing 100% completion with the exception of the beam needing to be assembled and the boom installed on the mast, VHF/UHF and packet brackets need to be installed and cabling for the rotor installed.

Piet Van Weel (KL2CR) announced that he a pickup bed full of removed coax, Cat5 and miscellaneous cabling available for members to help themselves to after the meeting.

Nominations

The Election Committee slate was presented to the membership and nominations were opened from the floor for the positions of Activities Manager (1 – 1 year position), 3 year Board member (1 – 3 year position), and 1 year Board members (8 – 1 year positions). The Election Committee slate and an additional nomination of Sean Jensen (KL2CO) by Piet Van Weel (KL2CR) for a 3 year Board member position were approved by the membership. (Final ballot sample attached)

Door Prizes

KL2DI, KB8JXX, N9RNL, WL7NJ, AL7OK

The meeting adjourned at 8:30pm

Respectfully submitted as recorded on September 7, 2007

Richard Tweet KL2AZ

Secretary

KL7AA Club Business

ANCHORAGE AMATEUR RADIO CLUB
BOARD MEETING
September 19, 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, Treasurer Heather Hasper KL7SP, Secretary Richard Tweet KL2AZ, Activities Director Richard Kotsch WL7CPX, Paul Spatzek WL7BF, Piet Van Weel KL2CR, Frank Pratt KL7RX, Diane Olson KL1MY, Michael O'Keefe KL7MD, Jim Wiley KL7CC, John Orella KL7LL, Edward Moses KL1KL.

NON-VOTING MEMBERS PRESENT

Fred Erickson KL7FE

EXCUSED

TJ Sheffield KL7TS, Vice President Jim Larsen AL7FS, Susan Woods NL7NN, Richard Block KL7RLB

UNEXCUSED

None

REQUEST FOR AGENDA ITEMS

Election committee report was added. Membership was added to reports. Kathleen O'Keefe noted that the election ballots would be mailed out soon and asked if there was discussion as to include a membership renewal reminder out with the ballots. Discussion noted that Grants will be introduced at the October Board meeting. The Treasurers Budget will be introduced at the October Board Meeting with approval of the Budget occurring at the November Board meeting.

GUESTS

Bruce McCormick (KL7BM) reported on Hamfest 2007. Bruce thanked all that helped on the event and reported that it was well attended by an estimated 150 people. Results are still being tabulated. Tom Rutigliano (NL7TZ) won the Grand Prize. 22 tables were sold for the event. HRO Portland and Icom both had large displays at the event. Thanks to Mike Romanello (KL7BK) for picking up the vendors and coordinating shipping with Carlisle who donated the shipping for the event.

Eric McIntosh (KL2FM) and Craig Severson (KL2FN) were also in attendance.

SECRETARY REPORT

Previous Board meeting minutes for August Board Meeting and General Membership meeting minutes for September were presented. A correction to the August Board meeting was noted that that MOK as noted in the minutes on page 3 needed to be corrected to Michael O'Keefe and on page 4 to correct the spelling of Clark. A correction to clarify the language in the Membership meeting minutes regarding the cabling made available by Piet Van Weel was noted. Motion made Diane Olson KL1MY, seconded Jim Wiley KL7CC to accept the Board meeting minutes as corrected. The motion carried unanimously. Motion made Diane Olson KL1MY, seconded Heather Hasper KL7SP to accept the membership meeting minutes as corrected. The motion carried unanimously.

TREASURER'S REPORT

Heather Hasper presented the Treasurers report for month ending August 2007. Heather noted she has not received reimbursement requests and expense receipts in a timely fashion making reconciliation and project closeout difficult. Heather reported on Hamfest finances and expenses. The CCV Garage Ham Shack printer has been purchased and the laptops have arrived. The desktop computers have not been purchased yet. Heather made a recommendation to the Board to accept the general accounting policy for reimbursement requests of 60 days maximum. A discussion was held regarding timelines, events, projects, policy vs. guideline, exceptions, routine business, and budgets. Motion made Diane Olson (KL1MY), seconded Michael O'Keefe (KL7MD) to accept as a policy, the Treasurers recommendation of a 60 day limit for reimbursement requests to be submitted. A friendly amendment was offered by Piet Van Weel (KL2CR) to include the verbiage "for projects or events". The amendment was accepted by both the maker and second of the original motion. The motion as amended is to adopt a policy of a 60 day/2month limit for reimbursement requests to be submitted for projects and/or events. The motion passed with 9 yeas and 3 nays. It was requested that this be read to the membership at the next membership meeting and also be highlighted in the newsletter. Jim Wiley wished to go on record as being against the action of adopting a policy that the Board has not seen, thinks it a bad idea and thinks the Board should think things through before rushing to judgment. Motion made Diane Olson (KL1MY), seconded Piet Van Weel (KL2CR) to accept the Treasurers report as given. The motion carried unanimously.

VE REPORT

Jim Wiley reported that 19 candidates tested at the exam session during the 2007 Hamfest. 9 were successful with their testing. There were no candidates testing for the Extra Class during this session. The Fairbanks area will be using an alternate VE supervisor while the regular individual is on vacation. Feedback from this testing session was very positive.

TRUSTEE REPORT

There is no Trustee's report as Keith Clark is unavailable.

MEMBERSHIP REPORT

There is no membership report as Fred Erickson is unavailable at this time, however Fred was in contact prior to the Board meeting and will be updating the Membership list tonight to provide all members an opportunity to participate in the 2007 election.

ELECTION COMMITTEE REPORT

Richard Tweet (KL2AZ) reported that ballots would be mailed out by October 1st. Discussion was held whether to include membership reminders in the ballot, bylaw procedures for election and election ballot instruction verbiage. Instructions will be updated to include procedures for voting for individuals appearing in more than one position on the ballot.

OLD BUSINESS

ARRL 2008 Statewide HAMFEST

Heather Hasper noted that vendors are being contacted in order to be secured for the event and that the volunteers will be meeting bi-monthly to continue organization of the event.

Alarm System Installation Project

Bruce McCormick reported that he hoped to begin the final installation within the next 2 weeks as his work schedule will allow.

File cabinets

The cabinet that was wrongly delivered to the CCV Garage Ham Shack has been removed and Kathleen is working with Nancy at Home Depot to have the correct unit delivered.

Sale of Assets Procedure

Tabled to the October Board meeting per Kathleen O'Keefe.

Capital Projects

Tabled to the October Board meeting as the members

championing this are not in attendance.

Silent Key Plaque

Diane Olson reported that Alaska Memories will be contacting her when returning from vacation on pricing. Diane has asked for a 100 space plaque.

Teleconference Bridge

Heather Hasper reported that Josh McDonald (KL7EA) has contacted her with information on how to request a teleconference bridge from the local carrier that may result in a major price cut from earlier quotes. Heather will report her findings at the next meeting.

Inventory club property

Tabled to the October Board meeting as the member championing this is not in attendance.

AARC Laser Printer

Heather Hasper reported that the printer has been purchased and is in place at the CCV Garage.

Christmas Party

A discussion was held as to the need to have a December membership meeting. Motion made Diane Olson (KL1MY), seconded Richard Kotsch (WL7CPX) to not hold a December membership meeting and to have a Christmas Party the following evening. Discussion on the motion noted the possible need to complete club business. The motion passed with a large majority. Follow up discussion included the need for members to vote on large budget items, and possibly combining the two events. Motion made Paul Spatzek (WL7BF), seconded Richard Kotsch (WL7CPX) for a vote of reconsideration of the previous motion. The vote for reconsideration of the previous motion was 3 yeas and 5 nays which resulted in the decision to hold a December membership meeting minus a guest speaker and to hold the Christmas party the following evening.

Ham Shack

Michael O'Keefe reported that the station is 100% built and is fully functional. The VHF, UHF and the Packet stations are fully functional. The tower is up, the beam is built and on the roof. The VHF and UHF antennas are mounted to the cross pieces. Final assembly will begin tomorrow. Michael also reported that a project to build 2 Digipeater, 2 APRS stations and 2 Packet stations is ongoing and that cabling issues have been resolved. Heather Hasper reported that she is waiting the arrival of the desktop PC's prior to having the DSL installed at the CCV garage Ham Shack. A PC with logging software will be located next to the HF radio in the CCV ham Shack to allow for proper logging while operating.

Real Estate

The last building viewed by the Real Estate Committee and Board members was deemed not to meet the needs of the AARC for several reasons. The Real Estate Committee will continue to inspect properties brought forward for review. The possibility of building a facility was introduced. Heather Hasper noted that Keith Clark will be meeting with banking officials to determine our line of credit available for a real estate purchase. Non profit property tax exemption status was discussed.

Hospitality

Richard Kotsch (WL7CPX) has volunteered to continue his practice of welcoming members to the membership meetings. The need to inform our members and guests at the Membership meetings to NOT take food or drinks from any table on the APU premises that AARC did not set up was noted.

Other Old Business

Michael O'Keefe noted that he is in need of a pickup to pull the trailer to Jim Wiley's residence to allow for the return of his personal equipment. Piet Van Weel volunteered to champion this project.

NEW BUSINESS

Programs for Membership Meetings

Volcanologist, Jennifer Aleman will be the guest speaker at the October membership meeting. The guest speaker for November will be John Lynn (KL7CY) on the topic of Go Buckets.

Richard Kotsch noted that news organizations will publish AARC meeting dates and guest speaker information and requested the Board's permission to use this resource. No objection was noted. Richard will invite the State and City's EOC leaders to attend and present at the February meeting.

Approvals, KL7AA in the next month

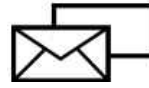
Heather Hasper noted the possibility of Boy Scouts Jamboree in October and SET (Simulated Emergency Test) held the first weekend in October at the Anchorage Emergency Operations Center.

Corporate Credit Card

Heather Hasper noted that she has a response from our CPA that addresses issues and questions raised and will present it at the October Board meeting.

Motion made Diane Olson KL1MY, seconded Piet Van Weel KL2CR, that the meeting be adjourned. Motion passed unanimously. Meeting adjourned at 8:20pm

Respectfully submitted as recorded on 9/18/07 by
Richard Tweet, Secretary



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.

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.



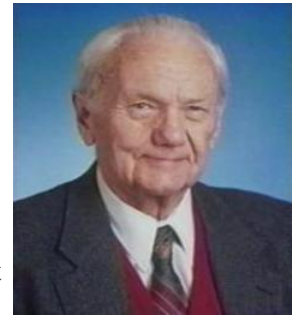
714

For those of you interested in purchasing a coat, the costs are **\$50 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 KL7SP@arrl.net.

Silent Key

August G. (Augie) Hiebert
(1916 – 2007)



Alaska Pioneer Broadcasting Legend and KTVA-TV founder August G. (Augie) Hiebert passed away from lymphoma, early Thursday morning, September 13, 2007. He was 90-years-old.

Augie Hiebert was born December 4, 1916 in Trinidad, Washington to Peter and Josephine Hiebert. In 1953 Augie put Alaska's first television station, KTVA-TV, on the air. Legendary newsman Walter Cronkite called him a pioneer. Augie's work in our community wasn't just confined to radio and television. He was president of the Anchorage Chamber of Commerce, first president and one of the founders of the Alaska Broadcasters Association, director of the Alaska Educational Broadcasting Committee, the Civil Air Patrol and the Pioneers of Alaska.



He answered the call of adventure and challenge in 1939 by coming to the Territory of Alaska, specifically Fairbanks, to help build the first Fairbanks radio station, KFAR. For another dozen years he worked for Austin E. (Cap) Lathrop in the radio business, including designing and building KENI radio in Anchorage. He was credited as being the first broadcaster in North America to hear transmissions of the bombing of Pearl Harbor. Shortly after Cap's death, Augie ventured out on his own and on December 11, 1953 he signed on and built Alaska's first TV station -- KTVA in Anchorage, offering local news as well as popular entertainment programs and feature films. KTVA-Channel 11, Anchorage was the first television

in the Territory. Within a few years he added building KTVF-Channel 11, Fairbanks, and in 1960 the first FM radio station in the State, KNIK-FM, Anchorage. He owned Northern Television Inc. until 1997, when at age 80 he decided it was time to sell. Retirement however was not in the plan.

Among other groundbreaking feats, Hiebert brought the first live satellite broadcast, the Apollo moon landing, to Alaska. He was a strong industry voice for Alaska, educating the Federal Communications Commission about the unique difficulties facing broadcasters in the vast state.

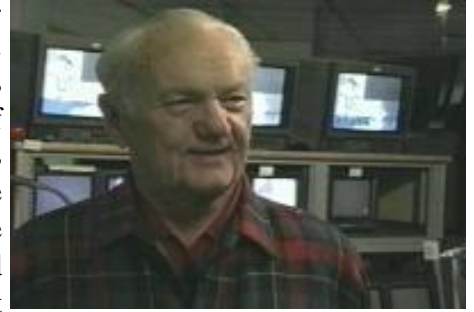
In the midst of all these engineering projects, he met and married Patricia Ann Stadler on March 16, 1947. Together they engineered the production of four daughters, all born in Anchorage.

Augie's life was spent with the mantra "public service to the community". In the early days of building KTVA in this small territory he was driven to provide the same kind of news, information and entertainment that young families were used to having in the Lower 48. Much of the live local television programs were created to provide a variety of helpful information, in particular the Norma Goodman Show.



Communications Pioneer

Although Augie did not have a full college education, he was a firm supporter of education and educational institutions. He was a member of the University of Alaska, Anchorage Journalism Department Advisory Council since its inception, 1982, retired in 1998. The most recent project and achievement was his success at helping Mirror Lake Middle School secure FCC licensing of a low-power FM radio station. Although not yet formally "on-air", Augie was presented with a copy of the FCC form showing the call letters which the school had chosen for the radio station - KAUG. His involvement at Mirror Lake Middle School came from being introduced to the Video News Team, comprised of 7th & 8th graders. These students produce a 5 minute video news program every day which is rebroadcast to the entire school via closed circuit. After a couple of years of visiting MLMS on an average of twice a month, he suggested that perhaps another learning tool would be the building of a radio station - after all, the parents were not able to see the video product because it is confined to the school. He has always been an advocate for young people, and was delighted to see these 11, 12 and 13-year-olds at work learning not only the trade, but also the life values of responsibility, teamwork and accountability.



Another focus of dedication and support in Augie's life was the military. From the 1960's up until his death, he was a member of U.S. Air Force Alaskan Command Civilian Advisory Board (to the Commanding General). Over the years, his awards, honors and accolades have been many.

- May 2003 he was awarded the Anchorage School District's School Business Partnership STAR Award.
- March 24, 2001 he was elected "Alaskan of the Year" by vote of a panel of Statewide Judges.
- December 20, 2000 he was awarded the State of Alaska's highest civilian award, the Legion of Merit, for his "leadership in developing a system to provide emergency services to villages in the far corners of Alaska".
- In 2005, the National Academy of Television Arts and Sciences - Northwest Chapter - honored him as the first inductee into their Gold Circle.
- In 1997 he was awarded the State Chamber's William A. Egan Alaskan of the Year Award. In 1985 he was inducted into the Alaska Broadcasters Association Hall of Fame. These were just a few of the many recognitions he received over his lifetime.
- In 1992 his eldest daughter Robin published his biography, "Airwaves over Alaska, The Story of Pioneer Broadcaster Augie Hiebert".

Augie was a Depression era-born man who knew the value of hard work, as well as the importance of commitments and public service to the community. He found joy in being the father of four daughters. His leisure time during the raising of his daughters was spent at the family cabin at Big Lake, Alaska. There were many happy hours with him driving the boat while teaching them how to water-ski. He was then blessed with five grandchildren who he delighted in watching grow to be warm, versatile, contributing adults.

He, along with wife Pat were long-standing members of the Knights of Malta and he made several pilgrimages to the Holy Grottos of Lourdes and Fatima.

Augie Hiebert, a tireless broadcast pioneer who built Alaska's first television station and mentored future generations of broadcasters, died today. He was 90. Broadcast icon Walter Cronkite says, "The great state of Alaska has lost one of its most distinguished citizens. Augie Hiebert was the pioneer of communications who brought radio and later television to his beloved home state." He called Hiebert a great friend.

His family is grateful for the Dad that he was, and although we miss him beyond words, we are content that he is now at home with his loving wife Pat and Our Dear Lord.

Memorial contributions may be made to:

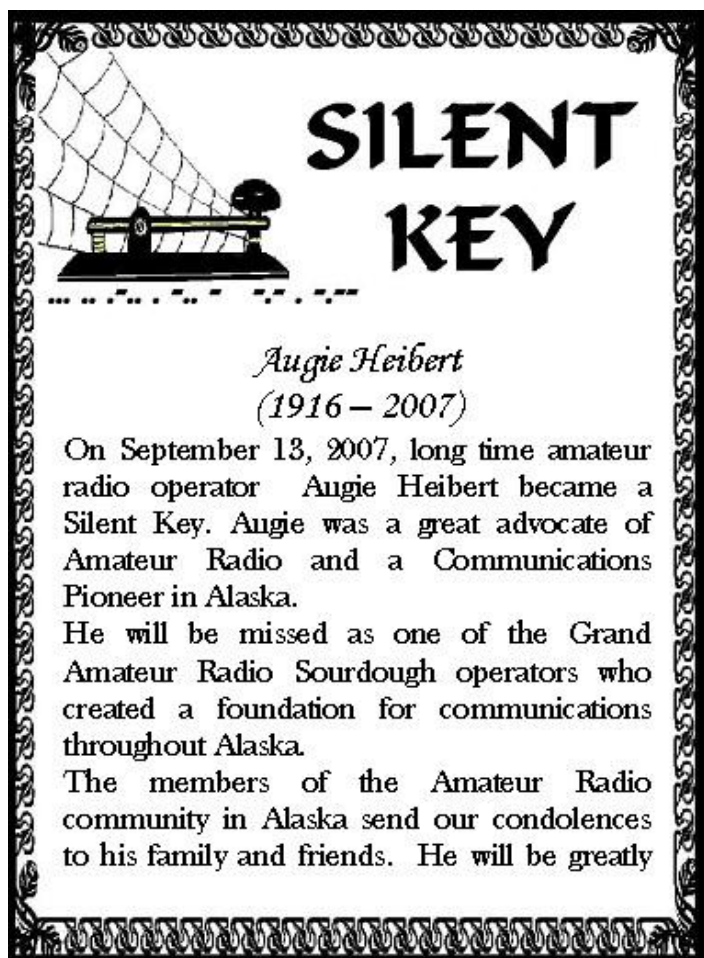
Catholic Social Services

Monastery of the Blessed Sacrament

Bonnie Martin McGee nursing scholarship at University of Alaska-Anchorage or
Mirror Lake Middle School "Media Team".

Augie was preceded in death by his wife Patricia. He is survived by his four daughters, Robin Ann Hiebert, former son-in-law Bob Chlupach, Mary Margaret (Peggy) Larson and son-in-law Dan Larson, Catherine (Cathy) Hiebert and her life partner Billy Andrews, Theresa (Terry) Puhr and son-in-law Greg Puhr; grandson Tony Larson, granddaughters, Melissa Chlupach, Christina Larson, Therese Larson, Stephanie Larson, as well as his sister-in-law, three nieces, one nephew and their extended families. Hiebert died at an Anchorage hospital. Hiebert is survived by four daughters and many grandchildren.

Arrangements were entrusted to Witzleben Family Funeral Home, Bragaw Chapel..



Mt. Susitna Repeater



Summer



Winter

Elections

ARRL Alaska Section Manager Election Information

Jim Larsen, AL7FS

Originally WNØLPK in March 1965 (WAØLPK), I changed my callsign to AL7FS when I moved to Alaska. I have participated in HF from 160-10 meters, packet radio, satellite, 6 meter, UHF, VHF, ATV, Moon Bounce and QRP. As founder of the Alaska QRP Club, I still enjoy CW. I have the Extra Class license and I am a member of the ARRL A-1 Operator Club, a group of amateurs who have met the highest operating standards.

As a member of the Anchorage Amateur Radio Club (AARC), I was Vice President for three years, President for three years and am now Vice President again. For four years I was the editor of the 16 page-per-month newsletter for AARC. See: <http://www.KL7AA.net/> for back issues. I have been a radio operator in Shaktoolik for the Iditarod, worked at headquarters and was the Race Communications Director in 1987. More recently I was the project manager for our Alaska State Fair booth presenting ham radio to hundreds of fair goers. As the grant chairman for AARC I have interfaced with many of the clubs around Alaska and helped to facilitate club grants.

If elected to ARRL Section Manager (SM) I plan to raise the activity levels of the SM position to more effectively present Amateur Radio to the public and to the hams as well as to foster good relations between the clubs. I will be visible and reachable. One area of emphasis will be the Amateur Radio Emergency Services (ARES). I hope to recruit Emergency Coordinators throughout the state and help to build a state-wide structure to facilitate ARES activities between areas.

I ask for your vote in the upcoming election for Alaska Section Manager. Together we can improve amateur radio for everyone in Alaska.

Questions to Jim@AL7FS.us
Website: <http://www.AL7FS.us>



ANCHORAGE AMATEUR RADIO CLUB ELECTIONS

Ballots have been sent out. If you are a fully paid member of AARC living in Alaska, as defined by the ByLaws, then you should have received an Election Ballot in the mail. If you did not receive a ballot, please contact Richard Tweet, KL2AZ as soon as possible to try and resolve the problem.

Ballots should be mailed in the Self addressed envelope provided with your ballot to the AARC Post Office Box. Ballots must be received and postmarked by October 31st, to be included in the count. Ballots received after that date will not be counted.

If you have questions about the election, please contact the club Secretary Richard Tweet at secretary@kl7aa.net.



VE Report

Thanks to the VE's who came out for our Special testing Session. The Ham Radio Course sponsored by the Anchorage Emergency Operations Center was a great success. We had several ham radio operators successfully pass their Technican license and several are working towards their Extra licenses.

Congratulations to:

**Janet E Linnell KL2HH
Hugh A McLaughlin KL2HI
Adam F Grove KL2HJ
William D Fleming KL2HK
Mark D Hill KL2HL
Aaron K Jokela KL2HM
Arthur P Bowen KL2HN**

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.

ARES TRAINING:

October 20, 2007

We will be discussing the Incident Command System and the role of Amateur Radio operators in the Communications support function during emergency operations.



Simulated Emergency Test:

The ARRL Simulated Emergency Test is a nationwide exercise in emergency communications, administered by ARRL Field Organization Leaders including Emergency Coordinators, District Emergency Coordinators, Section Emergency Coordinators and Net Managers. Many other Section Leaders like the Section Manager and the Section Traffic Manager may have a hand in planning the exercises and/or reviewing the results. Amateur Radio Emergency Service (ARES), National Traffic System (NTS), Radio Amateur Civil Emergency Service (RACES) and other public-service oriented groups can be involved. The SET weekend gives communicators the opportunity to focus on the emergency-communications capability within your community while interacting with NTS nets.

We will be operating out of the Anchorage Emergency Operations Center from **10Am to 4PM on Saturday October 6, 2007.**

We will be sending traffic via HF, Packet Radio, 2M, 70cm, APRS and Satellite modes. If you are interested in participating, feel free to contact the following coordinators;

In Anchorage, Heather Hasper, KL7SP, ANC ARES EC at kl7sp@arrl.net

In the MAT-SU Valley, contact Don Bush, KL7JFT, ARES EC at dbush@gci.net

For the KL7AIR and MARS stations in Anchorage, contact Ron Keesh, KL7YK who will be operating from the Elmendorf Amateur Radio Society ham station.



To familiarize yourself with the State and Local Emergency Plans where Amateur Radio Emergency Services might be utilized, please check out the following hyperlinks for more information. It is suggested that you have a copy of these plans in your emergency supplies.

City of Anchorage Office of Emergency Management; ANC EOC: <http://www.muni.org/oem/EOP.cfm>

MATSU Borough Emergency Services: <http://www.matsugov.us/PublicSafety/>

State of Alaska, Department of Homeland Security; Office of Emergency Management: <http://www.ak-prepared.com/>



ARES District 7 Contact Information

Michael O'Keefe, KL7MD

[DEC7 at alaskaares.org](http://DEC7.alaskaares.org)





October 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
	1	2 <i>Hamfest Planning Meeting 7PM</i>	3	4 	5  <i>AARC meeting 7PM</i>	6  STATE SET
7	8	9	10	11  	12	13  <i>PARKA meeting 11 AM</i> <i>EARS: 3PM</i>
14	15	16 <i>AARC Board</i>	17 <i>MARA Board</i>	18   <small>Amateur Radio Cross</small>	19  <i>QRP meeting 7PM</i>	20  <i>ARES Training 930 - 1200 PM</i>
21 <i>Hamfest Planning Meeting 1200 PM</i>	22	23	24	25  	26  <i>MARA meeting 7PM</i>	27
28	29	30	31 	<i>QRP club meetings held at the Denny's at Bragaw and De-Barr. Parka, meets at Peggy's restaurant, 11AM Contact: Kathy O'Keefe, KL7KO, 243-4675 EARS: R1 North, Contact: Ron Keesch: KL7YK@arrl.net</i>		

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

Schedule of Events:



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

10/6: SIMULATED EMERGENCY TEST

Contact: Heather Hasper, KL7SP; to participate in the ARRL National SET in Anchorage or Don Bush, KL7JFT to participate at the Valley EOC. The Military Amateur Radio Stations will also be participating.



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

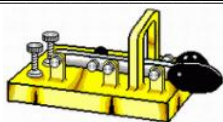
146.52 MHz Calling and Emergency frequency

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.

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 at alaska.net](mailto: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 at arrl.net](mailto:NL7SK@arrl.net).

ALASKA 2008 HAMFEST

In an effort to attract National Vendors to Alaska, a date has been selected for a 2008 statewide HAMFEST. This event involves all radio clubs in Alaska and more than 3600 amateur radio operators throughout ALASKA. Representatives of the Matanuska Amateur Radio Club, the Anchorage Amateur Radio Club have worked hard to promote this event at several national events.

www.akhamfest.com



37th ANNUAL

ALASKA HAMFEST 2008

National
Vendors

FCC & ARRL
Guest Speakers

QST, QST

"THE FINAL FRONTIER"

Anchorage, ALASKA 2008

August 1st thru 4th, 2008



!!!!!!! DATE CHANGE UPDATE !!!!!!!

- ⇒ The date of the event has been moved forward to not conflict with other national Hamfests. This allows a great opportunity to combine an Alaska dream vacation with a business venture and great hobby. Please check your calendars and mark the update!
- ⇒ We have secured a venue for 2008. The Hamfest planning team received several proposals from local hotels and facilities and the team has selected the Anchorage Sheraton for the location of the 2008 Alaska Hamfest.
- ⇒ We also have secured parking outside the building for communications vehicles to allow us to demonstrate our statewide mobile communication vehicles from Kenai to Fairbanks as well as the opportunity to set up a special event station for the duration of the HAMFEST.

NEW! 2008 HAMFEST approved as
ARRL STATE CONVENTION!

This has not happened in Alaska since 1978!

Planning and Volunteers

Several people have indicated they would be willing to assist with the planning and preparation activities needed to make this be a successful amateur radio event.

Confirmed Guests:

- **ARRL, Jim Fenstermaker** NW Division Director
- **FCC: Riley Hollingsworth**



With only **334 days left**, LESS THAN A YEAR, we are going to start having bi-monthly meetings to prepare for our guests. If you wish to be part of the planning team, please send an email to secretary@k17aa.net so that you can be in the loop of all the upcoming schedules and events.



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: _____ E-MAIL: _____

_____ HOME

_____ WORK

_____ MOBILE

Are you a member of ARRL?

☐ YES ☐ NO

DUES:

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
Post Office Box 101987
Anchorage, Alaska 99510-1987
www.kl7aa.net

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