

Juneau Amateur Radio Club, Inc.
KL7JRC

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NEWSLETTER
of the
Juneau Amateur Radio Club
KL7JRC

January 18, 2003

JARC 2002 Club Officers:

President KL0KZ Sam Smith
Vice President KL1AT Brent Fischer
Secretary KL1AS Jack Gregson
Treasurer WL7WB Paulette Sill
VHF Chair KL7HFI Jerry Prindle
Past President AL7BP Howard Shepard

The Annual banquet and meeting of the Juneau Amateur Radio Club will be held at McPhetres Hall, 4th and Gold St., at 6:00 PM on Saturday, January 18, 2003. This is the continuation of our annual meeting, which began on December 4th. See schedule for other events on Saturday.

Annual Meeting Schedule:

- VE Exam 2:00 PM to 4:00 PM
- Flea Market 4:00 AM to 6:00 PM
- Social Hour 6:00 PM to 6:30 PM
- Gourmet Supper 6:30 PM to 8:30 PM
- Prize Drawing 7:00 PM to 8:00 PM
- Meeting 7:30 PM to 8:30 PM

Your Club, under the expert direction of Chef Jerry will furnish the main course of prime rib and potatoes. The Club will also furnish refreshments, place settings, etc. Members are requested to bring a dessert, salad, vegetable or other side dish. Remember that you can bring your spouse, guest and other family member. There is no charge, but you must be a paid up 2003 member to attend supper and to qualify for door prizes. You can pay your membership dues when you come.

We have another great slate of door prizes this year. There will be six ARRL books selected by Charlie Gray, and the Grand Prize is a \$150 gift certificate from Ham Radio Outlet.

If you can't attend the meeting, be sure to send in your dues or bring it to McPhetres Hall anytime after 2:00 PM. You can qualify for the grand prize even if you can't attend the meeting, but you must be a paid-up member.

The flea market is a great way to get rid of extra ham gear. Bring it to McPhetres Hall anytime after 2:00 PM. Have an idea of the amount that you want for the gear. This also helps new hams acquire stuff to clutter up their basements and garages.

In Brief:

- A VEC test session will be held January 11th at the National Weather Service Building on Back Loop Road. An additional VEC session will be held on January 18th prior to the Annual Banquet. Contact Jerry Prindle at 789-7291 if you are upgrading or know of anyone in need of a test. We will announce the test schedule during the ARES net on Tuesday nights and at our regular monthly meetings.

- Equipment for the Petersburg repeater has been delivered to Petersburg and is being readied for installation. Final installation of the Haines repeater will take place this spring.

- There is a possibility of obtaining a used ambulance from the CBJ for use as an emergency communications rig. The unit available is in fine shape and would serve very well for the Club. The only financial obligations would be provision of signing and annual liability insurance. We will discuss this issue at the annual banquet.

- The National Weather Service, Skywarn recognition day on December 7th was well attended and successful.
- At the VE session on November 16th Jackie Smail passed the Technician Class test. On December 21st Kelsi Bettridge, KL1KP, passed the Technician test, Lindy Jones passed the Technician and General class tests and Jake Musselwhite passed the General Class test. On January 11th, Jackie Smail passed both the General Class and Extra Class tests. Congratulations to all the new and upgraded Hams!! A special note, Kelsi Bettridge is 11 years old. Thanks to Jerry Prindle and all of the volunteer examiners who have taken much time this past year to make testing so accessible to the amateur radio community.
- Our web site has been expertly maintained by Jon Newstrom, from his business location in Croatia for the last few years. Jon is about to be married to a Canadian diplomat currently stationed in Croatia, so he will be remaining there for several more years. Jon is also changing jobs, but will continue to maintain our site, although we may be changing providers. We'll keep you informed. Congratulations and best wishes to Jon!!

Election of Officers: We will hold the election of officers during the business portion of our annual meeting on January 18th. The Nominating Committee is presenting the following slate of officers for Year 2003.

President: Jack Gregson, KL1AS
 Vice President Brent Fischer, KL1AT
 Secretary: Joel Gilbert, KL1EF
 Treasurer: Paulette Sill, WL7WB
 VHF Chairman: Jerry Prindle, KL7HFI
 Additional nominations can be made from the floor.

Wednesday Lunchtime Meetings: The informal lunch meetings continue to take place at the Atrium Café in the Jordan Creek Mall at noon every Wednesday. The new café food service provides a good selection of soup and sandwiches.

Time to Reenlist: It's again that time of year to fill out your JARC application and send in your dues for year 2003. Your Club has been very active and careful stewards of the dues money paid into the Club treasury. Most of the money has been spent keeping up the VHF repeater network and in providing new repeaters. The Club has also supported the purchase of educational materials for new amateur radio licensees and we have provided scholarship prizes for high school students at the annual science fair.

Applications are available at monthly meetings and on-line at [www.kl7hf.com](#).
 Annual membership dues are :

\$36.00 for an individual membership including one autodial number, plus
 \$12.00 for each additional family member;
 \$10.00 for reverse patch and mailbox; and
 \$5.00 for each additional autodial numbers.

Please bring your dues to the next meeting or mail to:

Juneau Amateur Radio Club
P.O. Box 35484
Juneau, Alaska 99803-5484
Attn: Treasurer

ARES Activities: ARES Net meets on 146.82 repeater system each Tuesday at 7PM. The Northern Southeast Alaska Amateur Radio Emergency Service (ARES) net operates with very good participation from Hoonah, Haines, Gustavus, and Juneau every Tuesday at 7:00 PM on the 146.82 repeater. The purposes of this net are to check on the readiness of ARES members and their equipment, to make announcements pertaining to amateur radio, to conduct informal training and to give members experience in managing a net. All are welcome to check in. We hope to see you on the radio!

VE Testing: Testing will be available on Saturday, January 11th at 10:00 AM and at the Annual Banquet at 2 PM on January 18th at McPhetres Hall. Contact [redacted] by email or 789-7291 to register for this test or future tests.

Tell us your new E-mail Address: Sam Smith, KL0KZ, our Newsletter editor has been sending out our Newsletters electronically to the 90 percent of our membership who use Email. Please contact [redacted] if you obtain a new e-mail address.

The Newsletter: The Editor of your Newsletter continues to search for interesting information from Club members that can be used in the Newsletter. We are frequently able to include articles and information by Club members, which are far more interesting than the usual dry information produced by the editor. If you have time to put something together that would interest the membership, please send by e-mail to [redacted]. We will edit it for you, so don't hesitate. The appropriate length is less than one page.

Club Web Site: The Club's website is [redacted]. The site is maintained by Jon Newstrom from sunny Zagreb Croatia. An archive of past Newsletters, Club Minutes and ARES information are available on the site. It also provides excellent exposure for selling used radio equipment.

The Newsletter for the Anchorage Amateur Radio Club may be found at the following address:

A Microsoft Word version is at:

Repeater Status: Following is the status of repeaters in the Juneau area, which are available for use by Club members and out of town

guests. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide.

REPEATER LOCATION	H-T FREQUENCY	CONDITION
Mt. Roberts Tramway		R146.82/T146.22
FAA site, Lena Point		R147.00/T146.40
Heinzelman Ridge		R146.64/T146.04
Hoonah Mountain		R146.70/T146.10
Pederson Hill (FAA)		R147.30/T147.90
Petersburg/Duncan Canal		
Haines Repeater		R147.06/T147.66

NEWSLETTER
 of the
Juneau Amateur Radio Club
KL7JRC

December 4, 2002

JARC 2002 Club Officers:

President KL0KZ Sam Smith
Vice President KL1AT Brent Fischer
Secretary KL1AS Jack Gregson
Treasurer WL7WB Paulette Sill
VHF Chair KL7HFI Jerry Prindle
Past President AL7BP Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, December 4th, at 7:30 PM at the National Weather Service Office on Back Loop Road. Jerry Prindle, KL7HFI, will demonstrate point to point VHF packet communications. Should be an interesting program.

In Brief:

- Harold Hogberg, KL7JAW, SK. See story in this issue.
- A VEC test session will be held in December at the National Weather Service Building on Back Loop Road. Contact Jerry Prindle at 789-7291 if you are upgrading or know of anyone in need of a test. We will announce the test schedule during the ARES net on Tuesday nights and at our regular monthly meetings.
- We have received the \$5000 in grant funds from the CBJ for the VHF repeater upgrade in Haines and Petersburg, and equipment for the emergency operations center (EOC) in Juneau. All of the equipment has been ordered and everything has been received except for the antennas and the Haines repeater. Final installation in Haines and Petersburg is still planned for Spring. No decision has been made regarding installation of equipment for the EOC in Juneau, but one direction being considered is obtaining a vehicle of some type which could be used in emergency applications and have several operator positions.
- Skywarn recognition day is this weekend. The National Weather Service office in Juneau and the JARC will participate in Skywarn beginning at 4 PM AST on Friday December 6th and ending December 7th at 4 PM. See story this issue.
- Annual meeting banquet set for January 18th at McPhetres Hall. We will have a flea market and a VE session earlier in the day. We will have great door prizes and a prime rib dinner so be sure to reserve the date. Start collecting gear for the flea market. If you would like to help with any aspect of the meeting contact Sam Smith or Jack Gregson.
- Jerry Prindle, KL7HFI is the new ARRL frequency coordinator for SE Alaska. Congratulations!!

Skywarn Recognition Day:

SKYWARN Recognition Day was developed in 1999 by the National Weather Service and the American Radio Relay League. It celebrates the contributions that volunteer SKYWARN radio operators make to the National Weather Service. During the day SKYWARN operators visit NWS offices and contact other radio operators across the world.

The Juneau office of the National Weather Service and the Juneau Amateur Radio Club will participate in the event beginning this Friday at 4 PM and ending on Saturday at 4 PM. We will use

the Club's HF equipment in the NWS office. Last year we were reasonably successful considering where we live. We had a total of 129 QSOs in 27 states and we contacted 12 NWS stations. We will be using the new call sign obtained by the NWS office, WL7NWS. NWS meteorologist, Kim Custer, is the station custodian.

Try to spend some time at the station. A great opportunity for new members to gain experience on the air.

Harold Hogberg, SK:

Harold, KL7JAW, passed away November 12, 2002 at his home in Juneau. He was born March 28, 1929 in Tacoma, Washington and attended Stadium High School in Tacoma. He joined the United States Marine Corps and retired as a staff sergeant after 20 years service. He and his family moved to Juneau in 1973 where he was employed by the State of Alaska, Legislative Affairs Agency as Maintenance Foreman. He was a loving husband, father, grandpa and friend and is survived by his children, grandchildren, great grandchildren and especially by his high school sweetheart and wife of 52 years, Pat Hogberg of Juneau. Harold was active in Ham radio and the Club for many years. He'll be missed by his many friends at the Wednesday lunch meeting and on the air. 73s Harold!

News from the VHF Chairman:

The Hoonah repeater squelch has been adjusted with the Kerchunk filter set back to normal. It seems to be working just fine, but we would like to get some feedback from users in Hoonah, etc. The antenna is still installed at the building, but will be placed on the tower next spring when time permits.

The Haines repeater has been removed for rebuilding and setting up with the new equipment purchased with grant funds. This equipment will be reinstalled in the spring. The Canadians have removed their 6-meter equipment for repair and will reinstall it in the spring. Should be a great system.

Training Materials Available:

The club now has videos and CD's available to check out to assist candidates in studying for Technician and General class licenses. There is also a CD to help with learning Morse Code.

Now You're Talking is available at Snow Free Video and from Radio Shack. Contact Bob Simpson to check out any of the training materials.

ARES Activities:

The Northern Southeast Alaska Amateur Radio Emergency Service (ARES) net operates with very good participation from Haines, Gustavus, and Juneau every Tuesday at 7:00 PM on the 146.82 repeater. The purposes of this net are to check on the readiness of ARES members and their equipment, to make announcements pertaining to amateur radio, to conduct informal training and to give members experience in managing a net. All are welcome to check in. We hope to see you on the radio!

Newsletter:

Newsletters are sent electronically to the 90 percent of our membership who use e-mail. Please contact [redacted] if you obtain a new e-mail address. If you have time to put something together that would interest the membership, please send by e-mail to [redacted]. We will edit it for you, so don't hesitate. The appropriate length is less than one page.

Wednesday Lunchtime Meetings:

The informal lunch meetings continue to take place at the Atrium Café in the Jordan Creek Mall at noon every Wednesday. If you cannot find Jordan Creek Mall, it is across the street from the Nugget Mall in the Mendenhall Valley. The JARC repeaters are monitored and someone will provide directions.

Club Web Site:

The Club's website is www.kl7jrc.com. The site is maintained by Jon Newstrom from sunny Zagreb Croatia. An archive of past Newsletters and Club Minutes are available on the site. It also provides excellent exposure for selling used radio equipment.

Repeater Status:

Following is the status of repeaters in the Juneau area, which are available for use by Club members and out of town guests. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide.

REPEATER LOCATION H-T FREQUENCY CONDITION

Mt. Roberts Tramway R146.82/T146.22 Operating normally. Backup battery replaced during September.

FAA site, Lena Point R147.00/T146.40 Operating normally

Heinzelman Ridge R146.64/T146.04 Operating normally

Hoonah Mountain R146.70/T146.10 Operating normally antenna not in final location. Squelch working better.

Pederson Hill (FAA) R147.30/T147.90 Operating normally

Petersburg/Duncan Canal New equipment and ready for installation.

Haines Repeater R147.06/T147.66 Off the air for repair and rebuilding.

(Receive and transmit frequencies refer to your hand held transceiver)

**NEWSLETTER
of the
Juneau Amateur Radio Club
KL7JRC**

November 6, 2002

JARC 2002 Club Officers:

President KL0KZ Sam Smith

Vice President KL1AT Brent Fischer

Secretary KL1AF Jack Gregson

Treasurer WL7WB Paulette Sill

VHF Chair KL7HFI Jerry Prindle

Past President AL7BP Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, November 6th, at 7:30 PM at the National Weather Service Office on Back Loop Road. Larry Walter, KL7IWC, will demonstrate RTTY using our Club station. RTTY is one of several digital communication modes available on HF. Should be an interesting program.

In Brief:

- The National Weather Service has requested that we continue to sign in at our meetings and at any times we use their office on the Back Loop Road. We should leave a copy of our sign in sheet at the front desk. The acting Meteorologist in Charge (MIC) is Carl Dierking 790-6806. The new MIC is Tom Ainsworth 790-6804. His effective date is November 17th. Kim Custer has his amateur license and is now serving as the Amateur Radio focal point. You may reach him at 790-6812. The NWS has been a very good host for our Club meetings and other uses such as VEC testing. Be sure to express your appreciation whenever you have an opportunity.
- A VEC test session will be held during November at the National Weather Service Building on Back Loop Road. Contact Jerry Prindle at 789-7291 if you are upgrading or know of anyone in need of a test. We will announce the test schedule during the ARES net on Tuesday nights and at our regular monthly meetings.
- Jerry has obtained new batteries and chargers for the repeaters at Mount Roberts and Heinzelman Ridge. He also plans to obtain the same equipment for Henry. This should now put us in good shape during power outages.
- The CBJ Assembly consented to our request for funds to extend our repeater link to Petersburg and to Haines. See details below.

Haines and Petersburg Repeaters Approved:

On Monday, October 21st the CBJ Assembly approved our Club's request for a grant in the amount of \$5,000 for equipment needed to extend our repeater link to Haines and Petersburg and to place a 2-meter station at the police station Emergency Operations Center in Juneau. Many thanks to Dave Palmer and Jerry Prindle for putting this together and making the necessary contacts to explain the value of the improved system to members of the Assembly.

System improvements include a 220mhz link between the Lena Point and Mt. Ripinski repeaters. The work includes the addition of a new controller that will allow the repeater to be linked to Lena Point to the South, or Montana Mountain in the Yukon Territory, or both. The proposal also included the purchase of about \$1,000 worth of 2-meter equipment for use at the Juneau Police Department's Emergency Operations Center (EOC). (It is possible the equipment could be installed in a mobile unit to provide communication equipment at the EOC or other locations as well). Finally, at the recommendation of the Local Emergency Planning Committee (the City's committee of volunteers who advise the Assembly on emergency planning matters), the proposal was expanded to add an additional \$1,000 to upgrade the repeater at Duncan Mountain to link it to Lena Point. The result of this work is that 2 meter capability will be expanded from the Petersburg/Duncan Canal area to Juneau, and from Juneau to Haines and further north through the system of repeaters operated by the Yukon Amateur Radio Association. The repeater system will cover most of the northern area of SE Alaska, including most of the popular waterways and cruise ship routes. In the event of an emergency or failure of commercial communication systems, the 2 meter amateur repeater system will provide dependable coverage

over a large area.

The labor, maintenance, and operational costs for this equipment will be donated by the JARC. The cost to link Juneau to its northern neighbors and sister city of Whitehorse is \$2900. The cost to add equipment to the Emergency Operations Center adds \$1000 (\$900 plus freight). The estimated cost of the Petersburg link is \$1000 for a grand total of about \$5000.

The Yukon Amateur Radio Club in Whitehorse (Juneau's sister city) has provided equipment in Haines and in the Yukon that links the Haines repeater to several Yukon cities - Carcross, Teslin, Haines Junction, Beaver Creek, Mayo, and Faro for example. The Whitehorse club utilizes the system from Haines to support the Kluane bike relay from Whitehorse to Haines. These repeaters and equipment have been funded through the efforts of the Juneau and Whitehorse amateur radio clubs. The Anchorage Amateur Radio Club, recognizing the statewide benefit of a repeater system, has generously contributed toward Juneau's repeater system as well.

The TNC for the Emergency Operations Center has been received. The "e" series repeater with built-in 220mHz link radio is on order. It takes about 8 weeks for delivery as the unit's crystals have to be ordered and the unit "burned in". So far, the two units we have previously purchased have worked perfectly out of the box. Jerry hopes to have the project completed before the end of November. So far about \$3,700 has been utilized for the project.

The Assembly's support of the funding was unanimous. The proposal was also supported by Chief of Police Richard Gummow and by Fire Chief Mike Doyle. If you've been looking for a reason to buy that new 2 meter rig, the Juneau Assembly just provided an incentive.

Training Materials Available: The club now has videos and CD's available to check out to assist candidates in studying for Technician and General class licenses. There is also a CD to help with learning Morse Code. Now You're Talking is available at Snow Free Video and from Radio Shack. Contact Bob Simpson to check out any of the training materials.

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Pederson Hill (FAA) R147.30/T147.90 Operating normally

Petersburg/Duncan Canal Equipment on order

Haines Repeater R147.06/T147.662 m repeater is intermittent. 6 m link to White Horse is also intermittent.

New repeater equipment is on order.

(Receive and transmit frequencies refer to your hand held transceiver)

**NEWSLETTER
of the
Juneau Amateur Radio Club
KL7JRC**

October 2, 2002

JARC 2002 Club Officers:

President KL0KZ Sam Smith

Vice President KL1AT Brent Fischer

Secretary KL1AF Jack Gregson

Treasurer WL7WB Paulette Sill

VHF Chair KL7HFI Jerry Prindle

Past President AL7BP Howard Shepard

In Brief:

- Congratulations to Sam Thigpen, KL1FE, who passed his 5 wpm test and to Christopher Custer for passing requirements for technician class license on September 21st. Thanks to VEs Jerry Prindle, Glenn Sicks, and Bob Simpson for hosting the exam.
- A VEC test session will be held on October 19th at the National Weather Service Building on Back Loop Road. Be sure to pre-register with Jerry if at all possible.
- Jerry Prindle, Howard Shepard, and Sam Smith serviced the Mount Roberts repeater. Howard had done

some preliminary trouble shooting and found that the backup battery was completely gone. The battery was replaced and had a practical test shortly after, when there was a citywide power outage. The repeater worked just fine during the outage.

- IRLP Update: Frederick, WA6AXO, and Steve, KL1AR continue to sponsor the Internet Radio Linking Project in Juneau. The link is temporarily up on simplex at 444.7 MHz with a PL of 141.3. Using the link is somewhat complicated. For this reason Frederick requests that you contact him before using the link, listen for a while or check the website. For more info contact Frederick's web site:

- It sounded as though our repeater got a fair amount of use by visitors this summer. Thanks to everyone who took the time to show our hospitality to travelers and tourists in Juneau.
- We received the \$1500 grant payment from the Anchorage Amateur Radio Club. This grant was generously provided to our Club to help cover costs associated with the new repeater in Hoonah. Be sure to extend thanks to our neighbors up north when you have an opportunity.

Training Materials Available: The club now has videos and CD's available to check out to assist candidates in studying for Technician and General class licenses. There is also a CD to help with learning Morse Code. Now You're Talking is now available at Snow Free Video and from Radio Shack. Contact Bob Simpson to check out any of the training materials.

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KL7JRC
September 4, 2002

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Secretary KL1AF Jack Gregson

Treasurer WL7WB Paulette Sill

VHF Chair KL7HFI Jerry Prindle

Past President AL7BP Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, September 4th, at 7:30 PM at the National Weather Service Office on Back Loop Road. Planning for a new Club project will begin at this meeting. We have some good ideas, but we'd like input from the members. See more on this project below. We will also discuss emergency power at the VHF repeaters.

In Brief:

- Laura Furgione, KLOXG, is transferring to Anchorage with the Weather Service. Laura was instrumental in obtaining our meeting place at the NWS building and the Club will miss her. We wish her all the best in her new responsibilities.
- A VEC test session will be held at 10 AM on September 21st at the National Weather Service Building on Back Loop Road. Be sure to pre-register with Jerry if at all possible.
- Congratulations to Brian Bezenek and Jeff Wood for passing their Technician Class exams on August 10th. Thanks to VEs Jerry Prindle, Bob Dewey and Bob Simpson for hosting the exam.
- You may have noticed on the repeater that the Club has a new call sign, NL7JRC. The station at the

National Weather Service also has a new vanity call sign, WL7NWS.

- The Club will have to vacate the FAA site on Pederson Hill this year due to requirements by FAA resulting from placement of a new receiver at the site.
- Club activities this past summer included Field Day, Club Picnic and help with the July 4th parade. See write-up.
- IRLP Update: Frederick, WA6AXO, and Steve, KL1AR continue to sponsor the Internet Radio Linking Project in Juneau. The link is temporarily up on simplex at 444.7 MHz with a PL of 141.3. Using the link is somewhat complicated. For this reason Frederick requests that you contact him before using the link, listen for a while or check the website. For more info contact Frederick's web site:
- It sounded as though our repeater got a fair amount of use by visitors this summer. Thanks to everyone who took the time to show our hospitality to travelers and tourists in Juneau.

Club Project:

Several Club members have suggested that we embark on a Club sponsored project which would involve the general membership and increase our knowledge and preparedness in the event of emergencies. One suggestion is that we design and construct a portable HF station that can be carried in a small tote and contain all necessary components to operate remotely. This station would contain a generator, 100-watt transceiver, tuner, antenna/s, etc. We would like to discuss this concept at the meeting on September 4th. Please bring your ideas to the meeting. It would be good to bring various types of gear to the meeting to spark the interest and knowledge of the membership. If you have something interesting, bring it.

Emergency Power for Repeaters:

Following the last city-wide power outage, it became apparent that the Club should look at the status of emergency power at our repeater sites. The Lena Point FAA site has an emergency power generator which we are fortunate to be hooked up to. The other sites may not have any emergency power or may not be in great condition. Please bring your knowledge and ideas to the meeting on September 4th. We will come up with some direction on this important subject.

Field Day Results:

The Club had another active Field Day on June 22nd and 23rd. The Club had forty participants and 322 contacts on HF plus satellite QSOs. Modes included phone, CW and digital. Twenty-six members participated and there was a lot of help setting up and tearing down. Great food was brought by KL1HR and KL1EF including a barbecue. Charlie and Bob (WL7QC and KL7IG) coordinated and sent in our final score of 1228 points thanks to a lot of bonus points. Thanks to everyone that helped out and businesses that provided great support.

Summer Picnic:

The Club picnic was held August 3rd at Sandy Beach. We had 50 attendees, excellent food and excellent weather. Frederick gave an IRLP demonstration that was very interesting.

Training Materials Available:

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Club Web Site:

The Club's website is www.k7jrc.com. The site is maintained by Jon Newstrom from sunny Zagreb Croatia. An archive of past Newsletters and Club Minutes are available on the site. It also provides excellent exposure for selling used radio equipment.

Repeater Status:

Following is the status of repeaters in the Juneau area, which are available for use by Club members and out of town guests. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide.

REPEATER LOCATION H-T FREQUENCY CONDITION

Mt. Roberts Tramway R146.82/T146.22 Operating normally

FAA site, Lena Point R147.00/T146.40 Operating normally

Heinzelman Ridge R146.64/T146.04 Operating normally

Hoonah Mountain R146.70/T146.10 Operating normally antenna not in final location. Squelch working better.

Pederson Hill (FAA) R147.30/T147.90 Operating normally

Haines Repeater R147.06/T147.662 repeater is intermittent. 6 m link to White Horse is also intermittent.

(Receive and transmit frequencies refer to your hand held transceiver)

The FAA has requested that all transmitters be removed from Pederson Hill within the next year or so as their new receiver will be located at the site.

NEWSLETTER

of the Juneau Amateur Radio Club

June 5, 2002

JARC 2002 Club Officers:

President KL0KZ Sam Smith
Vice President KL1AT Brent Fischer
Secretary KL1AF Jack Gregson
Treasurer WL7WB Paulette Sill
VHF Chair KL7HFI Jerry Prindle
Past President AL7BP Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, June 5th, at 7:30 PM at the National Weather Service Office on Back Loop Road. Ed Plumb, KL0ZO, is going to describe (with pictures) his recent winter trip across Siberia and Mongolia by rail. Sounds like a great program! This is the last meeting until September -- Have a good summer!!!

In Brief:

- Jerry Prindle got the 220 MHz link at Heinzelman Ridge working and the 2 m repeater working at Haines. He also got the 6 m link functioning, but couldn't raise anyone in Whitehorse so the status of the Whitehorse link is questionable. Jerry will communicate with someone in Whitehorse on this issue. Also, the 2 m repeater at Haines has a short tail so it is difficult to know if the repeater has been keyed. Thanks Jerry.
- Richard Kaplan, KL7AK, will again organize our Club's participation in July 4th parade activities. Be prepared to volunteer!!
- Field Day is June 22 and 23. See detail write up in this Newsletter.
- The Club picnic will be held Saturday, Aug 3rd from 4 to 8 PM. There will be great food and a transmitter hunt. Watch for a reminder and details later this summer.
- IRLP Update: Frederick, WA6AXO, and Steve, KL1AR are fostering the Internet Radio Linking Project in Juneau. The link is temporarily up on simplex at 444.7 MHz with a PL of 141.3. Using the link is somewhat complicated. For this reason Frederick requests that you contact him before using the link, listen for a while or check the website. For more info contact Frederick's web site:
- A New Antenna Bill has been introduced in the U.S. House of Representatives by Rep Greg Walden, WB7OCE, from Oregon. This new legislation H.R. 4720 would subject private land-use regulations to the PRB-1 limited federal preemption. If passed this legislation should reduce private deed covenants, conditions and restrictions concerning antennas. We encourage you to contact your representative concerning this legislation. For more information see the ARRL e-mail letter of May 15th.

- **Welcome Visitors:** Please show our warm Alaskan hospitality to visitors from other places who attempt to make brief contacts with Juneau hams on our repeaters. When you hear them monitoring our repeaters, take a moment to welcome them to Juneau, perhaps advise them about the various sites we have here. You might advise them to use our Lena Pt. Repeater if they are going on to Haines or Glacier Bay and to use the tram site repeater if headed south. The frequencies are listed in this Newsletter.

Field Day Activity Schedule:

Location: Storage Lot, adjacent to the Fire Training Center, Sherwood Lane

Friday, June 21, 2002

5:30 p.m. Set up for Field Day operations. This involves erecting tower, main antenna, and other site preparations. Your participation will make this task go quickly (2 hours or so). Eight to ten members needed.

Saturday, June 22, 2002

8:30 a.m. Set up KL7IG station and related preparations for Field Day operation.

10:00 a.m. Begin Field Day using station call sign KL7IG. Station will operate continuously for 24 hours.

5:30 p.m. Hamburger and hot dog barbecue including beverage and condiments. Nominal charge of \$ 2.00 for adults. Children free.

Sunday, June 23, 2002

10:00 a.m. Field Day station KL7IG closes operation. Take down antenna and tower, clean up site, and conclude JARC Field Day operations. Need eight to ten members to help close Field Day operations.

Field Day is a great opportunity for everyone to experience the many facets of the amateur radio hobby. Field Day is open to all licensed amateurs and unlicensed persons interested in the hobby. Field Day is an excellent opportunity for young people to learn about amateur radio. Everyone is given the opportunity to operate the Field Day amateur radio station. The JARC Field Day operation will include at least one high frequency station operating CW and SSB, a digital station operating RTTY, a VHF/UHF satellite station using hand held radio and antenna. Hopefully, a PSK31 digital station will be operational. See you there.

Thanks to Bob, WL7QC

VE Testing:

A VE session was held on Saturday, May 18th. Congratulations to James Wycoff who completed the last requirements for Technician and is a new Club member. Thanks to members Jerry Prindle, KL7HF, Bob Dewey, WL7QC, and Jack Gregson, KL1AS for conducting the exam. Monthly VE Testing will generally be available sometime during each month. Contact _____ or 789-7291 to register for a test.

Training Materials Available:

The club now has videos and CD's available to check out to assist candidates in studying for Technician and General class licenses. There is also a CD to help with learning Morse Code. Contact Bob Simpson to check out any of the training materials.

ARES Activities:

ARES Net meets on 146.82 repeater system each Tuesday at 7PM. The Northern Southeast Alaska Amateur Radio Emergency Service (ARES) net operates with very good participation from Haines, Gustavus, and Juneau every Tuesday at 7:00 PM on the 146.82 repeater. The purposes of this net are to check on the readiness of ARES members and their equipment, to make announcements pertaining to amateur radio, to conduct informal training and to give members experience in managing a net. All are welcome to check in. We hope to see you on the radio!

Newsletter:

Newsletters are sent electronically to the 90 percent of our membership who use e-mail. Please contact [redacted] if you obtain a new e-mail address. The Editor of your Newsletter continues to search for interesting information from Club members that can be used in the Newsletter. We are frequently able to include articles and information by Club members, which are far more interesting than the usual dry information produced by the editors. If you have time to put something together that would interest the membership, please send by [redacted]. We will edit it for you, so don't hesitate. The appropriate length is less than one page.

Wednesday Lunchtime Meetings:

The informal lunch meetings continue to take place at the Atrium Café in the Jordan Creek Mall at noon every Wednesday. If you can not find Jordan Creek Mall, it is across the street from the Nugget Mall in the Mendenhall Valley. The JARC repeaters are monitored and someone will provide directions.

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Repeater Status:

Following is the status of repeaters in the Juneau area which are available for use by Club members. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide.

REPEATER LOCATION	H-T FREQUENCY	CONDITION
Mt. Roberts Tramway	R146.82/T146.22	Operating normally
Point	R147.00/T146.40	Operating normally
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location
Pederson Hill (State Owned) Repeater	R147.30/T147.90	Operating normally
Haines Repeater	R147.06/T147.66	2 m repeater now working, but not linked to Juneau - 6 m link to White Horse is working

(Receive and transmit frequencies refer to your hand held transceiver)

For Sale:

•For the following items contact _____ at 780-4004

1. Icom 735 - Peaked and tweaked by a professional. Very hot receiver - \$495
2. Cushcraft A3S Classic 3 element tribander - \$225 available after field day.
3. HD 73 rotator for the A3S \$100
4. Ham II rotator -negotiable

•The following items are available from Doug Gregg. He is giving this equipment away, along with miscellaneous quantities of wire, etc., at no cost to Club Members. Doug would like to show these items on Saturday afternoon in his garage or you could contact him at home by phone or by if you are unable to make the Saturday time.

1. Heathkit five band linear and power supply. Probably in the 400 watt range, but no book. Missing the interconnect cables including the high voltage line. The unusual high voltage jumper arrangement, like all high power equipment, is extremely dangerous. THIS IS AVAILABLE ONLY TO ADULT LICENSED AMATEURS WHO CAN BE PRESUMED TO HAVE THE TRAINING TO UNDERSTAND THE DANGER.
2. Drake transmatch, includes SWR meter and wattmeter scale.
3. Heathkit SB300 5 band SSB receiver.
4. Heathkit VFO.
5. Heath 8-channel scanner and 12v supply.
6. Drake TR22C 2m rig, about 1.5 watts 12 channel with touchtone mic. Internal rechargeable AA cells are dead. Charges with a 120v ac cord or can run from a 12 volt supply; there is a 12v supply but it may not be working or may have wrong polarity. Probably has crystals for 146.34/94 and 145.76.
7. Autotronic electronic keyer and key.
8. Realistic HTX-202 2m hand-held. Working.
9. Icom IC215 2m rig, 3 channel, with touchtone mic.
10. Two 2 meter portable 3-element yagis with carrying case and cables.
11. Two Hustler 5-band center loaded mobile antenna sets with elements for 75, 40, 20, 15, and 10m, except one is missing the element for one band. Both have the fold down base element but no bumper mount. There is also an extra fold-down element hinged at a different location, possibly for cowl mounting.
12. A 60 foot crank up tower with rotator and rotator control. The crank-up cable and handle are rusted and must not be used. The tower is still bolted to the concrete foundation. Theoretically it can be leaned over but the condition is questionable. ANYONE WHO WANTS THIS MUST HIRE A CONTRACTOR WHO IS LICENSED, BONDED AND INSURED TO TAKE IT DOWN SAFELY. (This would probably take less than an hour so the cost of hiring a contractor will be minimal.)

Note: The **For Sale** items are listed in the Newsletter as a service to our members. The JARC takes no responsibility for the value or performance of any of this equipment.

NEWSLETTER
of the
Juneau Amateur Radio Club

May 1, 2002

JARC 2002 Club Officers:

President KL0KZ Sam Smith
Vice President KL1AT Brent Fischer
Secretary KL1AF Jack Gregson
Treasurer WL7WB Paulette Sill
VHF Chair KL7HFI Jerry Prindle
Past President AL7BP Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, May 1, at 7:30 PM at the National Weather Service Office on Back Loop Road. Frederick, WA6AXO, and Steve Bodnar, KL1AR, will present a program on the Internet Radio Linking Project (IRLP). Their link will be up and running very soon here in Juneau. See the article in this Newsletter.

In Brief:

- Welcome Visitors: Please show our warm Alaskan hospitality to visitors from other places who attempt to make brief contacts with Juneau hams on our repeaters. We usually get two or three visiting hams a day during the busiest part of the cruise ship season. They carry their HT's with them and quite often the only Alaskans they get to have a word with are the hams in Juneau. When you hear them monitoring our repeaters, take a moment to welcome them to Juneau, perhaps advise them about the various sites we have here. Find out about the rest of their trip. You might advise them to use our Lena Pt. Repeater if they are going on to Haines or Glacier Bay and to use the tram site repeater if headed south.
- Jerry Prindle installed the new repeater on Hoonah Mountain on April 19th. The antenna is currently installed at building height, but will be installed on the tower when time permits. Even at the lower placement, the repeater performs well. It is linked to the 147.000 MHz repeater at Lena Point which has autopatch capabilities. The repeater was designed and installed by Jerry Prindle with financial help from Club members in Hoonah, our Club general fund, and a promised donation from the Anchorage Amateur Radio Club. Members have had good results from Excursion Inlet, Gustavus and Hoonah even with the temporary antenna location.
- Second reminder -- A Club roster will be published this Spring as soon as we are satisfied that all year 2002 members have paid their dues. The roster will include name, call sign, address and telephone number. E-mail addresses will not be included. If you don't want your address or telephone number listed, please advise .
- The Willamette Valley DX Club, invites members of the Juneau Amateur Radio Club to the Northwest's premier DX Convention which will be held August 2 - 4, 2002, near Portland, Oregon. Following are the details confirmed so far.

Dates: August 2 - 4, 2002

Place: Monarch Hotel

12566 SE 93rd Ave.
Clackamas, OR 97015
(800) 492-8700

Online reservations can be made at www.monarchhotel.com. Make reservations early as the DX Convention rate is only available until July 12th. Full details and a registration form will be on their website (www.monarchhotel.com).

•Larry, KL7IWC, advises that he has found a good source of batteries for handheld radios.
Contact:

•Interesting websites brought to our attention by Larry, KL7IWC, and former member Bill, KL7BB.
and

•Nick Meacher, N3WWE, is putting together a list of e-mail addresses for the Alaska CW Net. If you would like to be included on their list please contact nmeacher@alaska-cw.net. The addresses will not be distributed.

•Richard Kaplan, KL7AK, will again organize our Club's participation in July 4th parade activities. Be prepared to volunteer!!

•John Fors, KL1HE, in Gustavus, would like to buy an 8-pin ICOM microphone. You can contact him at: jefors@gustavus.ak.us.

VE Testing:

A VE exam was held on Saturday, April 20th, Congratulations to members Ted Meyers, KL1HQ, and Bob Dewey, WL7QC. Ted completed the last requirements for General Class and Bob passed the Extra Class exam. Monthly VE Testing will generally be available sometime during each month. Contact tedm@alaska-cw.net or 789-7291 to register for a test.

Training Materials Available:

The club now has videos and CD's available to check out to assist candidates in studying for Technician and General class licenses. There is also a CD to help with learning Morse Code. Contact Bob Simpson to check out any of the training materials.

ARES Activities:

ARES Net meets on 146.82 repeater system each Tuesday at 7PM. The Northern Southeast Alaska Amateur Radio Emergency Service (ARES) net operates with very good participation from Haines, Gustavus, and Juneau every Tuesday at 7:00 PM on the 146.82 repeater. The purposes of this net are to check on the readiness of ARES members and their equipment, to make announcements pertaining to amateur radio, to conduct informal training and to give members experience in managing a net. All are welcome to check in. We hope to see you on the radio!

IRLP Information:

The Internet Radio Linking Project was started in November of 1997 as an attempt to use the internet to link radio systems across Canada. The first full time link that was established ran from

Vancouver, BC to Saint John, NB. The link had many problems and was shut down in March 1998 due to the numerous computer crashes and repeater lockups it was causing, and the lack of user control over the system. David Cameron, VE7LTD, has made significant improvements in the system using the Linux operating system and streaming software called Speak Freely . Over 400 nodes are now operating in Canada and the US and more are being added. Locally, Frederick, WA6AXO, and Steve, KL1AR, are putting a link together that will be available in the near future. Frederick and Steve will provide more info at the meeting on May 1st. For more info contact Frederick's web site:

Newsletter:

Newsletters are sent electronically to the 90 percent of our membership who use e-mail. Please contact [redacted] if you obtain a new e-mail address. A number of members have asked that we send Newsletters in plain TEXT format instead of HTML format. If you would like your Newsletter sent in plain TEXT instead of formatted, please let Sam know. The Editor of your Newsletter continues to search for interesting information from Club members that can be used in the Newsletter. We are frequently able to include articles and information by Club members, which are far more interesting than the usual dry information produced by the editors. If you have time to put something together that would interest the membership, please send by e-mail to [redacted]. We will edit it for you, so don't hesitate. The appropriate length is less than one page.

Wednesday Lunchtime Meetings:

The informal lunch meetings continue to take place at the Atrium Café in the Jordan Creek Mall at noon every Wednesday. If you can not find Jordan Creek Mall, it is across the street from the Nugget Mall in the Mendenhall Valley. The JARC repeaters are monitored and someone will provide directions.

Time to Reenlist:

As of April 6th, we have 70 paid members for year 2002. Applications are available at monthly meetings, on-line at [redacted], from the Club Secretary, [redacted] or [redacted]. Annual membership dues are :

\$36.00 for an individual membership including one autodial number, plus
\$12.00 for each additional family member;
\$10.00 for reverse patch and mailbox; and
\$5.00 for each additional autodial numbers.

Please bring your dues to the next meeting or mail to:

Juneau Amateur Radio Club
P.O. Box 35484
Juneau, Alaska 99803-5484
Attn: Treasurer

In May we will cease sending newsletters to anyone whom has not sent in Club dues.

Club Web Site:

The Club's website is [redacted]. The site is maintained by Jon Newstrom from sunny Zagreb Croatia. An archive of past Newsletters and Club Minutes are available on the site. It also provides excellent exposure for selling used radio equipment.

Repeater Status:

Following is the status of repeaters in the Juneau area which are available for use by Club members. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide.

REPEATER LOCATION	H-T FREQUENCY	CONDITION
Mt. Roberts Tramway	R146.82/T146.22	Operating normally FAA site, Lena
Point	R147.00/T146.40	Operating normally Heinzelman Ridge
	R146.64/T146.04	220 Link to Lena not working
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location
Pederson Hill (State Owned)	R147.30/T147.90	Operating normally Haines Repeater 6 m link to White Horse not working

(Receive and transmit frequencies refer to your hand held transceiver)

NEWSLETTER of the Juneau Amateur Radio Club

April 3, 2002

JARC 2002 Club Officers:

President KL0KZ Sam Smith
Vice President KL1AT Brent Fischer
Secretary KL1AS Jack Gregson
Treasurer WL7WB Paulette Sill
VHF Chair KL7HFI Jerry Prindle
Past President AL7BP Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, April 3, at 7:30 PM at the National Weather Service Office on Back Loop Road.

In Brief:

A Club roster will be published this Spring as soon as we are satisfied that all year 2002 members have paid their dues. The roster will include name, call sign, address and telephone number. E-mail addresses will not be included. If you don't want your address or telephone number listed, please advise.

VE Testing:

Monthly VE Testing will generally be available sometime during each month. Contact _____ or call 789-7291 to register for a test.

Training Materials Available:

The club now has videos and CD's available to check out to assist candidates in studying for Technician and General class licenses. There is also a CD to help with learning Morse Code. Contact Bob Simpson to check out any of the training materials.

Interesting Web Sites:

The following sites have been found interesting especially for DXing.

Near-Real-Time MUF Map - <http://solar.spacew.com/www/realtime.html> (Maximum Usable Frequency Map).
DX Summit - <http://oh2aq.kolumbus.com/dxs/> (DX spots).
Monitor - <http://www.benlo.com> (Works with DX summit site for automatic spots).
Beam - <http://www.benlo.com> (A great graphic prefix identifier and great circle program. Only seems to work on older slow computers. If anyone can make it work on the new fast computers please let KL7IWC know).
SM3CER Contest Service - <http://www.sk3bg.se/contest/index.htm> (List of all world wide HAM radio contests).
Anyone interested in Radio Teletype should get on their favorite search engine and type in "Radio Teletype". They will be surprised at how much info is out there. The same goes for Packet Radio, just type in "Packet Radio". Also, try your other favorite radio subjects.

Thanks to NL7IWC (Larry)

ARES Activities:

ARES Net meets on 146.82 repeater system each Tuesday at 7PM. The Northern Southeast Alaska Amateur Radio Emergency Service (ARES) net operates with very good participation from Haines, Gustavus, and Juneau every Tuesday at 7:00 PM on the 146.82 repeater. The purposes of this net are to check on the readiness of ARES members and their equipment, to make announcements pertaining to amateur radio, to conduct informal training and to give members experience in managing a net. All are welcome to check in. We hope to see you on the radio!

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Newsletters are sent electronically to the 90 percent of our membership who use e-mail. Please contact Sam at ssmith@ptialaska.net if you obtain a new e-mail address. A number of members have asked that we send Newsletters in plain TEXT format instead of HTML format. If you would like your Newsletter sent in plain TEXT instead of formatted, please let Sam know. The Editor of your Newsletter continues to search for interesting information from Club members that can be used in the Newsletter. We are frequently able to include articles and information by Club members, which are far more interesting than the usual dry information produced by the editors. If you have time to put something together that would interest the membership, please send by . We will edit it for you, so don't hesitate. The appropriate length is less than one page.

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Time to Reenlist:

This will be our last plea this year to send in your JARC application and dues for year 2002. Applications are available at monthly meetings, on-line at , from the Club Secretary, or . Annual membership dues are :

\$36.00 for an individual membership including one autodial number,

plus \$12.00 for each additional family member;

\$10.00 for reverse patch and mailbox; and

\$5.00 for each additional autodial numbers.

Please bring your dues to the next meeting or mail to:

Juneau Amateur Radio Club

P.O. Box 35484

Juneau, Alaska 99803-5484

Attn: Treasurer

In April we will cease sending newsletters to anyone who has not sent in Club dues

Club Web Site:

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Pederson Hill (State Owned)	R147.30/T147.90	Operating normally
Haines Repeater		6 m link to White Horse not working

(Receive and transmit frequencies refer to your hand held transceiver)

NEWSLETTER
of the
Juneau Amateur Radio Club
March 6, 2002

JARC 2002 Club Officers:

President	KL0KZ	Sam Smith
Vice President	KL1AT	Brent Fischer
Secretary	KL1AF	Jack Gregson

Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	AL7BP	Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, March 6th at 7:30 PM at the National Weather Service Office on Back Loop Road. Brent Fischer will lead a discussion on the means to involve middle school and high school students in amateur radio.

In Brief:

· A Club roster will be published this Spring as soon as we are satisfied that all year 2002 members have paid their dues. The roster will include name, call sign, address and telephone number. E-mail addresses will not be included. If you don't want your address or telephone number listed, please advise ..

· The Juneau-Douglas High School Science Fair will be held on March 2nd. Jerry Prindle and Brent Fischer will act as judges for the JARC special award. Our Club will again offer a \$100 cash prize, ARRL book *Now You're Talking*, and the offer of a hand-held transceiver for the project which demonstrates the best use of electronics and radio communications.

The Alaska CW Net (ACWN) is looking for participants.

The purpose of the net is to improve the handling of third party traffic written traffic into, out of and within the State of Alaska.

The ARRL National Traffic System (NTS) operation has long had problems passing traffic into Alaska.

The net is a little different that most nets, it is not a directed net.

There are "calling" frequencies established on the 80-meter and 40-meter bands; 3535kHz and 7042 kHz. The intent is that someone will be monitoring these frequencies at all times, well most of the time! The idea behind this is that there is a frequency that is being monitored most of the time that anyone can call on, without having to wait until a regularly scheduled net.

"Chit-chat" is encouraged and traffic handling is welcome at any time. There is an established relay schedule via AL7N that will take traffic from the ACWN to the NTS system "down south".

In the evening the Net Manager, Ed Trump, AL7N, will be putting out regular calls. He is soliciting signal reports from all who hear him. High CW speed is NOT a requirement, accuracy is the goal. ALL are welcome and the speed of the receiving station will govern the speed of the traffic. Speed will increase with practice.

Please help to make this net grow and check in when you can. If you receive traffic for Juneau, or have traffic you want to pass out of Juneau, it will be welcome on the ARES net. The ability to handle written traffic is essential in an emergency and the more we practice the better we will be.

VE Testing:

Monthly VE Testing will generally be available sometime during each month. Contact _____ or 789-7291 to register for a test.

New Hams and Upgrades:

VE's Jerry Prindle, Ron Hagerup, and Bob Simpson hosted an exam session January 31st to coincide with an essential trip to Juneau by a Gustavus member. Congratulations to John Fors for passing his CW test and achieving Technician and General Class licenses in one month and congratulations to Ted Meyer for passing Technician with code in the same evening.

On February 16,2002, Jerry Prindle conducted a VE test session with the help of Bob Simpson and Ron Hagerup. Congratulations to Laura Gilbert for passing her Technician Exam and Jack Gregson for passing his Extra Class exam.

Hoonah Repeater Ready to be Installed:

Jerry Prindle KL7HFI reports that he has the Repeater operating from his home and it will be installed on his next trip to Hoonah.

The Hoonah Mountain Repeater will serve residents, boaters, hikers, and hunters in the Icy Strait, Glacier Bay and upper Chatham Strait, especially in the communities of Hoonah, Gustavus, Elfin Cove, Glacier Bay, Excursion Inlet, Tenakee Springs and, hopefully, Angoon. This repeater will link via 1 1/4 meters to the Juneau ARC Repeater system. These communities already have a cadre of about 15 hams and the repeater will facilitate 2-meter communications between all ARES Members in this region. A grant of \$1,500 from the Anchorage ARC was essential in building the repeater.

This repeater will operate on 146.700 MHZ (-) and is expected to grow the amateur radio hobby especially in Hoonah and Gustavus.

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Interesting Web Sites:

The following sites have been found interesting especially for DXing.

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DX Summit - <http://oh2aq.kolumbus.com/dxs/> (DX spots).

Monitor - <http://www.benlo.com> (Works with DX summit site for automatic spots).

Beam - <http://www.benlo.com> (A great graphic prefix identifier and great circle program. Only seems to work on older slow computers. If anyone can make it work on the new fast computers please let KL7IWC know).

SM3CER Contest Service - <http://www.sk3bg.se/contest/index.htm> (List of all world wide HAM radio contests).

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The informal lunch meetings continue to take place at the Atrium Café in the Jordan Creek Mall at noon every Wednesday. If you can not find Jordan Creek Mall, it is across the street from the Nugget Mall in the Mendenhall Valley. The JARC repeaters are monitored and someone will provide directions.

Time to Reenlist:

This will be our last plea this year to send in your JARC application and dues for year 2002. Applications are available at monthly meetings, on-line at , from the Club Secretary, or

Annual membership dues are :

- \$36.00 for an individual membership including one autodial number, plus
- \$12.00 for each additional family member;
- \$10.00 for reverse patch and mailbox; and
- \$5.00 for each additional autodial numbers.

Please bring your dues to the next meeting or mail to:

Juneau Amateur Radio Club
P.O. Box 35484
Juneau, Alaska 99803-5484
Attn: Treasurer

In April we will cease sending newsletters to anyone who has not sent in Club dues.

Club Web Site: The Club's website is . The site is maintained by Jon Newstrom from sunny Zagreb Croatia. An archive of past Newsletters and Club Minutes are available on the site. It also provides excellent exposure for selling used radio equipment.

Tower Sold:

Joel Gilbert (KL1EF) recently purchased the tower that the club had for sale.

Repeater Status:

Following is the status of repeaters in the Juneau area which are available for use by Club members. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide.

REPEATER LOCATION	H-T FREQUENCY	CONDITION
Mt. Roberts Tramway	R146.82/T146.22	Operating normally
FAA site, Lena Point	R147.00/T146.40	Operating normally
Heinzelman Ridge	R146.64/T146.04	220 Link to Lena not working
Hoonah Mountain	R146.70/T146.10	Installation in process
Pederson Hill (State Owned)	R147.30/T147.90	Operating normally
Haines Repeater		6 m link to White Horse not working

(Receive and transmit frequencies refer to your hand held transceiver)

MEETING OF THE JUNEAU AMATEUR RADIO CLUB WILL BE HELD ON WEDNESDAY EVENING FEBRUARY 6TH AT 7:30 pm. LOCATION: NATIONAL WEATHER SERVICE OFFICE ON THE BACK LOOP ROAD. OUR PROGRAM WILL BE PROVIDED BY JERRY. HE WILL BE DEMONSTRATING THE NEW HOONAH MOUNTAIN REPEATER.

NEWSLETTER
of the
Juneau Amateur Radio Club
February 6, 2002

JARC 2002 Club Officers:

President, KL0KZ, Sam Smith
Vice President, KL1AT, Brent Fischer
Secretary, KL1AS, Jack Gregson
Treasurer, WL7WB, Paulette Sill
VHF Chair, KL7HF, Jerry Prindle
Past President, AL7BP, Howard Shepard

The regular meeting of the Juneau Amateur Radio Club will be held Wednesday, February 6th at 7:30 PM at the National Weather Service Office on Back Loop Road. Jerry Prindle will demonstrate the new Hoonah repeater for our program.

Annual Meeting: The annual meeting of the Juneau Amateur Radio Club began on December 5, 2001 and concluded on January 12, 2002. Twenty-nine Club members and 21 guests attended the banquet. We feasted on the main course of prime rib prepared by Jerry Prindle plus a great selection of salads, desserts, and other side dishes furnished by Club members.

The following door prizes were awarded:

- H.F. Digital Handbook , ARRL: Steve Bodnar
- ARRL Handbook : Frank Hall
- ARRL Handbook : Debbie Fischer
- Satellite Handbook , ARRL: Barbara Prindle
- Vertical Antenna Handbook , ARRL: Terry Hoskinson
- Radio Frequency Design , ARRL: Sam Smith
- The Grand Prize was a \$150 Radio Depot gift certificate and was awarded to new member Elie Derenoff.

A new slate of Officers was elected for year 2002 (See above). Congratulations!!

Thanks to Howard Shepard, the Club officers and members for another successful year. A list of the Club's activities and accomplishments for the year may be found at the end of the Newsletter. It takes the efforts of a lot of folks to provide the opportunities and information to make a successful Club. Thanks to everyone.

In Brief:

A Club roster will be published this Spring as soon as we are satisfied that all year 2002 members have paid their dues. The roster will include name, call sign, address and telephone number. E-mail addresses will not be included. If you don't want your address or telephone number listed, please advise.

Last year, Jake Reed, was one of the winners of the JARC prize at the high school science fair. One of the prizes was conditional upon receiving a amateur radio license. Jake just received his first license, and received call sign KL1EV. The conditional award is a hand held transceiver that we hope to have here before the next monthly meeting. Congratulations Jake!

Newsletter Format:

Newsletters are sent electronically to the 90 percent of our membership who use e-mail. Please contact [redacted] if you obtain a new e-mail address. A number of members have asked that we send Newsletters in plain TEXT format instead of HTML format. If you would like your Newsletter sent in plain TEXT instead of formatted, please let Sam know.

Newsletter Articles:

The Editor of your Newsletter continues to search for interesting information from Club members that can be used in the Newsletter. We are frequently able to include articles and information by Club members, which are far more interesting than the usual dry information produced by the editors. If you have time to put something together that would interest the membership, please send by e-mail to [redacted]. We will edit it for you, so don't hesitate. The appropriate length is less than one page.

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Time to Reenlist:

It's not too late to fill out your JARC application and send in your dues for year 2002. Applications are available at monthly meetings, on-line at [redacted] or as a MS WORD attachment to this Newsletter. Annual membership dues are :

\$36.00 for an individual membership including one autodial number, plus
\$12.00 for each additional family member;
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ARES Activities:

ARES Net meets on 146.82 repeater system each Tuesday at 7PM. The Northern Southeast Alaska Amateur Radio Emergency Service (ARES) net operates with very good participation from Haines, Gustavus, and Juneau every Tuesday at 7:00 PM on the 146.82 repeater. The purposes of this net are to check on the readiness of ARES members and their equipment, to make announcements pertaining to amateur radio, to conduct informal training and to give members experience in managing a net. All are welcome to check in. We hope to see you on the radio!

VE Testing:

Monthly VE Testing will generally be available sometime during each month.
789-7291 to register for a test.

or call

On December 12, 13 and 14 Jerry Prindle conducted a Technician Class in Angoon for a teacher and group of students. On Saturday, December 15th a VE test session was conducted by Jerry Prindle, Keith Bettridge and Dani Bettridge with the result that there are nine new hams in Angoon. A great accomplishment for all concerned. The new hams are:

Irene Duncan KL1GU
Carmaleeda Estrada KL1GV
Stuart Jack KL1GN
Amber Jamestown KL1GS
Ozelle Jamestown KL1GO
Collin Rielly KL1GR
Loren Sands KL1GP
James Parkin KL1GT
Tonie Vonda KL1GQ

Club Web Site:

The Club's website is www.kl1gq.com. The site is maintained by Jon Newstrom from sunny Zagreb Croatia. An archive of past Newsletters and Club Minutes are available on the site. It also provides excellent exposure for selling used radio equipment.

Repeater Status:

Beginning this month, we will include information on the status of each repeater in the Juneau area which are available for use by Club members. For additional information on the Club's network of repeaters see the latest JARC Repeater Guide.

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Haines Repeater 6 m link to White Horse not working

(Receive and transmit frequencies refer to your hand held transceiver)

Club Activities, Accomplishments and Events During the Year 2001:

- Club membership at end of year: 98
- Members participated in the Juneau High School science fair. The Club awarded a \$100 cash prize and ARRL book to the group with the best project involving electronics and/or radio communications.
- Meeting programs included: a description by Rick Kaplan of his Dxpedition to Trinity Island, a presentation on satellite communications, a presentation on avalanche awareness and weather spotter training and certification was provided by the National Weather Service.
- The Club supported ARES net was active during the year with regular check in on Tuesday nights. ARES members, utilizing JARC repeaters, participated in a rescue of young people on Herbert River following a rafting accident.
- Assisted with communications for the 4th of July parade.
- Participated with the Boy Scouts in the Jamboree on the Air (JOTA). Contacts were made using

the Club's equipment installed at the National Weather Service office.

- Participated in the National Field Day, June 23rd and 24th with more than 200 contacts on SSB, CW and satellite (using a hand-held).

- Received permission to use the National Weather Service conference room in their new facility on the Back Loop Road to hold our monthly meetings. Club member and NWS manager, Laura Furgione, helped us obtain permission to use this facility on a regular basis.

- Installed a HF transceiver, antenna tuner, beam antenna and other equipment at the National Weather Service office on the Back Loop Road. The NWS has been very generous in allowing the Club to utilize the station for various events.

- Participated in the National Weather Service Special Event on November 30th and December 1st at the Club's station. A total of 129 contacts in 25 states were made, including 13 National Weather Service stations.

- Held the Club picnic and fox hunt at Sandy Beach in July.

- Updated and reissued the Club Repeater Guide (available at the 2002 banquet in January).

- Published nine Club newsletters.

- Through the hard work of our ARRL District Manager, Kent Petty, and JARC member Dan(KD7WN), the antenna bill was passed by the State legislature and signed into law. This law prevents local governments from enacting unreasonably restrictive ordinances related to amateur radio antennas.

- The JARC website, www.jarc.org, has been faithfully maintained throughout the year by Jon Newstrom. The Club newsletters and a lot of ARES information has been added to the website.

- Jerry(KL7HFI) designed and ordered equipment for a new repeater to be installed on Hoonah Mountain. The cost of the equipment was provided by a number of contributors including the JARC, members from Hoonah and with special thanks to the Anchorage Amateur Radio Club for their donation of \$1500.

- Conducted intensive weekend classes for the technician license in Juneau and Angoon. A total of 11 VE examination sessions were held producing 21 new technicians, six upgrades to General, three upgrades to extra and one upgrade to tech plus. The classes and exams were organized and conducted by Jerry(KL7HFI) with help from numerous Club members.

- The Club provided about 45 books, dozens of training videos and computerized exam review disks to people with an interest in becoming licensed amateur radio operators.

- On a sad note, the community, families and our Club lost two long-term members this year. Red Tomlinson, WL7UX, and Don Richter, KL7IXO, became silent keys.

Last Updated:02/02/03

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