

**Juneau Amateur Radio Club, Inc.**  
**KL7JRC**

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.

Last Updated: 12/30/03

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January 2004  
December 2003

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

November 5, 2003  
JARC 2003 Club Officers:

President           KL1AS Jack Gregson  
Vice President KL1AT Brent Fischer  
Secretary         KL1EF Joel Gilbert  
Treasurer         WL7WB Paulette Sill  
VHF Chair         KL7HFI Jerry Prindle  
Past President KL0KZ Sam Smith

The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, November 5, 2003.

In Brief:

Status of repeater repairs. See story by Bob Simpson below.

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The balance in our Club Treasury on October 1<sup>st</sup> was \$549. It would be good to send in your 2004 dues early if possible. Applications will be available at the Club meeting or on the web site.

Repeater Status: Status of Repeater Repairs: as of October 23<sup>rd</sup>.  
By Bob Simpson NL7XZ

Summary: Jerry Prindle will provide a detailed presentation at the monthly membership meeting of all of the recent repeater problems and activities that have occurred during the months of September and October.

Lena Point Repeater (147.000): Jerry Prindle, Bob Dewey, Glenn Sicks, Bob Simpson set-up Antennas for Lena Point Repeater (147.000) at our temporary tower at the AT&T Site. The AT&T crew will soon fasten the antennas near the top of a 200-ft tower. Jack Gregson has located the proper person in the Department of Public Safety to have the phone number for the phone patch moved to the AT&T site at Lena Point. Once the patch is re-established Brent Fischer assisted by Bob Simpson will enter phone patches for our recent new members. The repeater link at Lena has only about 10 watts and a new strong transmitter should be installed.

Mt. Robert Repeater (146.820): George Reifenstein, General Manager of the Mount Roberts Tramway, generously provided JARC members with eight separate free trips to the repeater site. This amounted to 16 man trips to the site for a succession of work activity involving retrieving and re-installing the new repeater equipment after a series of electronic and programming fixes. Members involved in these trips were Jerry Prindle, Bob Simpson, Charlie Gray, and Howard Shepherd. Howard (AL7BP) assumed responsibility of Control Officer for the Mt. Roberts Repeater and has been given a full set of the remote control commands to access the repeater. The latest problem was a power supply failure, which was fixed and put back on the air on the night of October 23<sup>rd</sup>. All went well and as of this writing the repeater was operating normally. In the process of the trips up and down the mountain, Jerry had a chance to install a low and high temperature alarm along with a power failure alarm also. If anyone hears "Victor" reporting these alarms please let Jerry know. There seems to be a problem with the power alarm so you can ignore that one. Jerry needed a way to differentiate between "Henry's voice" at Lena and the voice of the Mt. Roberts repeater. Both repeaters have the same type of voice chip so it is difficult to tell the difference between them when they speak. Therefore,

Jerry named the tram site repeater "Victor" as it is one of "his" vocabulary words.

Haines (Mt. Rapinski) Repeater (147.060+): Mt. Rapinski (RPSK) is up and working on 2 meters only at this time. Jerry was in Haines in mid October and found the repeater working normally but without the links operating. A link antenna for 220 MHz still has to be installed and the interface and radio for the 6 meter side still has to be done. We have all the parts, all Jerry needs is time at the site to finish up. Jerry doubts that he will be able to complete the 6-meter portion this year but should get the 220 linking part up and running soon.

Petersburg (Duncan Mountain) linked Repeater: (146.360): The Petersburg group did not have the equipment ready to install during Jerry's one-week trip to the site in August. Hopefully it will be ready to install during his next unscheduled trip as they promised.

<b>REPEATER LOCATION</b>	<b>H-T FREQUENCY</b>	<b>CONDITION</b>
Mt. Roberts Tramway	R146.82/T146.22	Operating normally.
Lena Point Site	R147.00/T146.40	The system has been reinstalled at the AT&T site at Lena Point in a temporary location near the tower. The phone patch should be back in service soon.
Heinzelman Ridge	R146.64/T146.04	Receiver is operating normally.
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location.
Pederson Hill (FAA)	R147.30/T147.90	System was removed as required by the FAA, and has now been reinstalled and is operating.
Petersburg/Duncan Canal	R146.36	New equipment is ready for installation.
Haines Repeater	R147.06/T147.66	System is operational for local use.

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

Membership Notes: Our Club membership totaled 81 on October 1st. Applications are available at monthly meetings and on-line at

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

This would be a great time to send in your 2004 dues!!!

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.

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. Thanks to Bob Simpson for his article this month.

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.

NEWSLETTER  
of the  
Juneau Amateur Radio Club  
KL7JRC

October 1, 2003

JARC 2003 Club Officers:

President	KL1AS	Jack Gregson
Vice President	KL1AT	Brent Fischer
Secretary	KL1EF	Joel Gilbert
Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	KL0KZ	Sam Smith

**The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, October 10, 2003.**

**In Brief:**

·Major improvements in our repeater system. See story below.

·Congratulations to Sean Caughran, KLINN, for passing his General Class License requirements on September 20<sup>th</sup>.

·Our Club treasury has taken a big hit because of the repairs to the repeater system. It would be a great idea to submit dues early for 2004. Applications will be available at the Club meeting or on the

**Communication Vehicle:** At the last Club meeting, the Club membership decided to put work on our Communications vehicle on hold until our repeater system is back up and running and our Club Treasury has recovered from recent demands to complete repeater repairs.

**VE Testing:** Thanks to Jerry Prindle, Bob Dewey and Bob Simpson for running the exam on September 20<sup>th</sup>. The next session will be held on October 25<sup>th</sup> at the Forecast Office at 10 AM. Give Jerry a call if you would like to sign up.

**Repeater Status:** By the end of October our repeater system should be back up and operating at 100%. The new repeater equipment has been installed at Mt Roberts, but it still needs some work before it can go on-line. Jerry has obtained permission to mount our Lena point equipment (Henry) on the Alascom tower at their facility at Lena Point. This is probably the best possible location that we could ever hope for. Larry, KL7IWC, has advised us that the repeater formerly located at the FAA site on Pederson Hill has been relocated to a new site about 100 yards north of the old site. Jerry got the Haines repeater up and running on September 23<sup>rd</sup>. For additional information on the Club's network of repeaters see the 2002 JARC Repeater Guide. Since Henry is off line, none of the sites are linked.

REPEATER LOCATION	H-T FREQUENCY	CONDITION
Mt. Roberts Tramway	R146.82/T146.22	Not operating New receiver has been installed. Expect to be on-line by mid October.
FAA site, Lena Point	R147.00/T146.40	System has been dismantled. Permission to reinstall at the Alascom tower has been received.
Heinzelman Ridge	R146.64/T146.04	Receiver is operating normally. A new amplifier has been installed.
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location.
Pederson Hill (FAA)	R147.30/T147.90	System was removed as required by the FAA, and has now been reinstalled and is operating.
Petersburg/Duncan Canal		New equipment is ready for installation.
Haines Repeater	R147.06/T147.66	System is now operational

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

Membership Notes: Our Club membership is now at 80. Applications are available at monthly meetings and on-line at

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

This would be a great time to send in your 2004 dues!!!

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.

**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 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 We will edit it for you, so don't hesitate. The appropriate length is less than one page.

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NEWSLETTER  
of the

Juneau Amateur Radio Club  
KL7JRC

September 3, 2003

JARC 2003 Club Officers:

President	KL1AS	Jack Gregson
Vice President	KL1AT	Brent Fischer
Secretary	KL1EF	Joel Gilbert
Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	KL0KZ	Sam Smith

**The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, September 3, 2003.**

**In Brief:**

- Repeater system still only partially functioning. See story below.

- Paid membership as of the June meeting was 80.

- The VE license test session conducted on August 23<sup>rd</sup> resulted in one new Technician Class licenses. The next session will be held during the last week of August. Give Jerry a call if you would like to sign up. See story below.

- Successful summer events included Field Day, Fourth of July Parade and the Club Picnic. See story below.

**Mobile Communication Vehicle:**

No new information on our vehicle this month.

**VE Testing:** On August 23<sup>rd</sup> Jerry Prindle conducted a VE test session at the Weather Service Building. Congratulations to Sean Caughran for passing the Technician Class license exam and the 5 wpm code.

**Information and classes for license exams:** Mike Caughran (KL7R) is sending computer generated 5 wpm

practice code test almost nightly on 147.450 Mhz just before 8pm. Mike plans to announce the upcoming practices on the 146.820 repeater frequency just prior to 8pm when the repeater system is available..

Only one practice exam is sent per session. Following the practice session, Mike reads the text of the code practice over the air. The text of these practice exams is very similar to the real exams you will take to get your upgrade. I urge you to program 147.450 into your HTs and give this practice a try whenever you can and to let Mike know his effort is appreciated. Every little bit helps.

We have received the new Now You re Talking manuals for the Technician License exam. If you need one give Bob Simpson or one of your Club officers a call.

**Summer Activities:** We had another active summer with good participation from Club members.

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**Field Day** was held June 28 and 29. Good participation from good operators netted about 500 contacts, mostly CW. More on this subject in future newsletters.

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**July 4<sup>th</sup>** help was provided to the parade organizers by several Club members. This is one of the few civic activities that our Club is able to participate. We need to have more help from members next year!

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**Summer Picnic** was held on Saturday, August 2<sup>nd</sup> from 4 to 8PM at Sandy Beach. The Club furnished the hamburgers, hotdogs, condiments and drinks. Members provided side dishes such as salad or dessert. We had about 40 members and guests enjoying a great day at the beach in the sun.

Membership Notes:

Our Club membership is now at 80. Applications are available at monthly meetings and on-line at

Annual membership dues are :

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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



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.

**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.

**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. Since Henry is off line, none of the sites are linked.

REPEATER LOCATION	H-T FREQUENCY	CONDITION
Mt. Roberts Tramway	R146.82/T146.22	Not operating New receiver has been ordered. Expect to be on-line by September 20 <sup>th</sup> .
FAA site, Lena Point	R147.00/T146.40	System has been dismantled. Permission to reinstall at a new site is being sought.
Heinzelman Ridge	R146.64/T146.04	Receiver is operating normally. A new amplifier has been installed.
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location.
Pederson Hill (FAA)	R147.30/T147.90	System has been removed as required by the FAA.
Petersburg/Duncan Canal		New equipment is 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)

*Following is a note from Jerry Prindle, KL7HFI, our VHF Chairman.*

*As all are aware, Mt. Roberts repeater is down.*

*Jack Gregson was kind enough to make a trip to the equipment and found the power supply had tripped off*

*(crowbar). He reset it and reported that it worked for a few hours and then failed again.*

*I went up Sunday and found the power supply had again shut down and the temperature in the lean-to was very hot, over 90 degrees. I turned the heater down and reset the power supply but the receiver was unscelched with noise. Looking for a source of the noise, I disconnected the antenna and the radio lost power. Upon investigation I found the power plug on the receiver was incorrectly oriented. I put it all together and things seemed to be working well.*

*Later I was listening to the repeater and it began to transmit noise, like an open squelch which I had observed earlier. Another trip up the mountain was in order and when I got there the repeater was quiet but dead. The receiver had completely gone dead. It appears the transmitter may be gone also due to the massive short it takes to trip out the power supply.*

*Because of the age of the equipment; the 2 meter receiver is (was) a radius, the transmitter is a GE MASTR I (probably the first transistorized portable transmitter they made), the controller is exposed with no documentation and no way to program or repair it, and another box of questionable use, probably an interface of some sort, again no documentation, it is time to replace it. The existing equipment is housed in a metal cabinet, the whole thing weighing over 70 pounds which makes it very difficult to transport. It was all I could do to bring it down off the mountain.*

*During one the meetings last year I advised the club members of the condition of the equipment and advised them at that time that if there was a failure it would most certainly be a good time to upgrade to more modern, efficient equipment. It would also be an advantage to purchase a similar repeater that we are using at Heinzelmann, Honnah and Ripinski. Repairing the existing equipment would mean replacing receivers and transmitters anyway and cobbling up junk. In my opinion, that is out of the question.*

*The cost of the repeater is about \$1100 plus a 220 radio, total cost would be approximately \$1600.*

*73, Jerry*

*An e-mail was sent out in August asking if there was any objection to spending the \$1600 for the new equipment.*

***Following is a note from Bob Simpson, NL7XZ.***

*We have not had a single objection from our email query of the JARC Membership on August 19. Therefore, your planned expenditure of \$1600 to purchase repeater equipment at Mt. Roberts is approved. You may order the equipment immediately so that it will be installed before the Tram closes for the season.*

*Regards, Bob Simpson*

**NEWSLETTER**

**of the  
Juneau Amateur Radio Club  
KL7JRC**

**MID-SUMMER 2003**

JARC 2003 Club Officers:

President	KL1AS	Jack Gregson
Vice President	KL1AT	Brent Fischer
Secretary	KL1EF	Joel Gilbert
Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	KL0KZ	Sam Smith

**The final activity for the summer is the Club picnic. It will be held on Saturday, August 2<sup>nd</sup> at Sandy Beach from 4 to 6 PM. We ll be cooking burgers and hotdogs beginning at about 5:30. See the write up below.**

**In Brief:**

This isn't a regular Newsletter, but thought we should pass on a few important pieces of information.

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Our repeater system has had some serious problems this summer -- See additional info below.

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Field Day was a great success with about 500 contacts made. Details in the September Newsletter.

Summer Picnic

will be held on Saturday, August 2<sup>nd</sup> from 4 to 8PM at Sandy Beach. The Club will furnish the hamburgers, hotdogs, condiments, drinks and eating utensils. Members are encouraged to bring a side dish such as salad or dessert. Family members and friends are always welcome.

**Repeater Status:** We sure miss Jerry. Most of our repeater system has been out for the past several weeks as a result of having to move repeaters and other problems. Following are articles prepared by Club members to bring you up to date.

Following is from Glenn, KL0QZ, on July 3<sup>rd</sup>

*The removal of the Juneau Amateur Radio Clubs main repeater at Lena Point (known as Henry) resulted in the loss of our telephone autopatch system, the loss of 2-meter communications with Haines and the link to the*



*problem. To test the communication path between both the ATT/ACS and the CBJ watertank sites, Dave Palmer volunteered to do radio checks from his truck while in Haines on Thursday, July 24th. Bob Simpson (NL7XZ), Larry Walters (KL7IWC) and Bob Dewey (WL7QC) used their vehicle radios to listen for Dave's call at the Lena Point sites and Glenn Sicks (KLOQZ) listened at Amalga Harbor from his vehicle.*

*Using just vehicle whip antennas, communications were successful with all participants. Bob Simpson was even able to make contact with Dave in Haines with only 7 watts while others used full power (about 45 watts) on their mobile rigs for most of the tests. These tests demonstrate that communication is possible with Haines from both of these potential sites using minimal equipment. GPS sightings show that the Water Tank Site has an openvisual true north path towards Haines. (The roadway to the JPD tower is oriented in a north-south direction.) The 2-meter repeater at Hoonah was also accessed at the Water Tower Site. It is expected that even better communications will be restored when the repeater's antenna system is re-erected. If an agreement can be reached with the land owners, the repeater should be back in operation in the near future.*

*If I've neglected to copy this email to any interested members, please forward it on to them.  
73 to all, Glenn KLOQZ*

**NEWSLETTER  
of the  
Juneau Amateur Radio Club  
KL7JRC  
June 4, 2003**

JARC 2003 Club Officers:

President	KL1AS	Jack Gregson
Vice President	KL1AT	Brent Fischer
Secretary	KL1EF	Joel Gilbert
Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	KLOKZ	Sam Smith

The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, June 4, 2003.

In Brief:

Paulette Sill, our treasurer, reported that the bank balance at the end of April was \$3004.79.

Paid membership at the end of May was 80.

The VE license test session conducted on May 17<sup>th</sup> resulted in one new Technician Class licenses. See story below.

Summer events including Field Day, Fourth of July Parade and the Club Picnic will be discussed at the meeting on June 4<sup>th</sup>.

Mobile Communication Vehicle: No new information on our vehicle this month.

VE Testing: On April 19<sup>th</sup> Jerry Prindle conducted a VE test session at the Weather Service Building. Congratulations to John Kinney (KL1MV) for passing the Technician Class license exam. He has also joined our Club. In April the following new hams received their call signs: John Bishop (KL1MA), Steve Byers (KL1MB), Phil McRee (KL1MC), and Josh Schrader (KL1MD).

Summer Activities: We have another active summer ahead of us. Through your participation, you have a great opportunity to help your Club, your community and yourself.

Field Day begins Saturday, June 28<sup>th</sup> at noon and ends Sunday at noon. We need help setting up on Friday. Watch your e-mail for additional schedule information. This is a great opportunity for all of you new hams to operate on good equipment with experienced help.

July 4<sup>th</sup> will provide an opportunity to help your community. Our Club has helped the parade organizers for many years. This is an important Club project and needs volunteers. Rick Kaplan has organized this in past years, but won't be in town this year. We need help. Let us know if you can help! More details at the June meeting.

Summer Picnic will be held on Saturday, August 2<sup>nd</sup> from 4 to 8PM at Sandy Beach. The Club will furnish the hamburgers, hotdogs, condiments and drinks. Members are encouraged to bring a side dish such as salad or dessert. Family members and friends are always welcome.

Membership Notes: Our Club membership is now at 80. Bob Simpson has received a number of responses to the letter he sent out last month, but a few long-time members haven't yet sent in their dues. If you intend to continue your membership, this would be a great time to send in your 2003 dues.

Applications are also available at monthly meetings and on-line at

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P.O. Box 35484  
Juneau, Alaska 99803-5484

Attn: Treasurer

**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.

**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!

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.

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FAA site, Lena Point	R147.00/T146.40	Operating normally
Heinzelman Ridge	R146.64/T146.04	Receiver is operating normally, but transmitter is weak. Repairs will be made at earliest opportunity.
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location.

Pederson Hill (FAA)	R147.30/T147.90	Operating normally
Petersburg/Duncan Canal		New equipment is 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

May 7, 2003

JARC 2003 Club Officers:

President	KL1AS	Jack Gregson
Vice President	KL1AT	Brent Fischer
Secretary	KL1EF	Joel Gilbert
Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	KL0KZ	Sam Smith

**The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, May 7, 2003.**

### **In Brief:**

Our President has received the motor vehicle title to the surplus ambulance to be used by the Club as a mobile communication vehicle. The vehicle will be licensed with the Club Callsign, KL7JRC. We will have to obtain insurance before moving it from its present location.

- Paulette Sill, our treasurer, reported that the bank balance at the end of March was \$3004.79.

-



Paid membership at the end of April was 71.

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The VE license test session conducted on April 19<sup>th</sup> resulted in one upgrade to General Class and four new Technician Class licenses. See story below.

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The first large cruise ship arrived in Juneau on May 5<sup>th</sup>, and other tourists have been finding their way to Juneau over the last couple of weeks. Those members who can monitor our repeaters, please respond to visitors and help them to the extent you can.

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Snowbirds Bob Dewey and Glenn Sicks have returned to Juneau for the summer. It's always great to see these active Club members return even if it is just for the summer.

•

Summer events including Field Day, Fourth of July Parade and the Club Picnic will be discussed at the meeting on April 7<sup>th</sup>.

#### Mobile Communication Vehicle:

Since we are now the proud owner of a mobile communications vehicle, we will need to organize how to get things put together and to put our new equipment in service. Be prepared to discuss this at our May meeting.

**VE Testing:** On April 19<sup>th</sup> Jerry Prindle conducted a VE test session at the Weather Service Building with the assistance of Bob Dewey, Jack Gregson, Bruce Gordon, Al Pacheco, and Glenn Sicks. Congratulations to Jeff Defreest (KB7BZZ) for upgrading to General Class, and to John Bishop, Steve Byers, Phil McRee, and Josh Schrader for passing their Technician Class license requirements. At our VE test session in April, Dr. Lindy Jones, KL1KQ, completed requirements for his General Class license. He and his family have departed Juneau on their sailboat and intend to use amateur radio to assist in communicating with the rest of the world. We will advise you if we hear him on any of the yachting nets.

**Membership Notes:** Our Club membership is now at 71. Bob Simpson has sent out our final letter of encouragement to send in dues. If you haven't had an opportunity to send in your dues, this would be a great opportunity.

Applications are also available at monthly meetings and on-line at [http://www.k7jwv.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

**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.

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**Tell us your new E-mail Address:** Sam Smith, KLOKZ, 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 [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.

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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	Receiver is operating normally, but transmitter is weak. Repairs will be made at earliest opportunity.
Hoonah Mountain	R146.70/T146.10	Operating normally antenna not in final location.
Pederson Hill (FAA)	R147.30/T147.90	Operating normally

Petersburg/Duncan Canal		New equipment is 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)

For Sale:

ICOM IC-737 HF Transceiver and power supply. 100 watts output 10-160 meters, all modes, internal antenna tuner, ssb and cw filters. Astron RS-20A power supply. Transceiver operates on 12 volts. Original owner's manual. Like new condition. \$500.

TEN-TEC 555 Scout HF Transceiver, antenna tuner, and power supply. 50 watts output 10-160 meters, ssb and cw. Operates on 12 volts. Original owner's manuals. Like new condition. \$400.

Please contact Bob Dewey, WL7QC, at 789-7662, for more information or to inspect the above amateur radio equipment.

Nick Meacher has located a good source for 16 awg copper clad steel antenna wire at 4 cents per foot. Contact Nick at [nick\\_meacher@ci.juneau.ak.us](mailto:nick_meacher@ci.juneau.ak.us)

## NEWSLETTER of the Juneau Amateur Radio Club KL7JRC

**April 2, 2003**

JARC 2003 Club Officers:

President	KL1AS Jack Gregson
Vice President	KL1AT Brent Fischer
Secretary	KL1EF Joel Gilbert
Treasurer	WL7WB Paulette Sill
VHF Chair	KL7HFI Jerry Prindle
Past President	KL0KZ Sam Smith

**The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, April 2, 2003. Larry Walter will present a program on RTTY.**

**In Brief:**

- City of Juneau Assembly voted in favor of a resolution to donate the surplus ambulance to the Club for use as a mobile communication vehicle. The vehicle will be licensed with the Club Callsign, KL7JRC. We will have to obtain insurance before moving it to its temporary home in Dave Palmer's hanger.

- Paulette Sill, our treasurer, reported that the bank balance on March 5<sup>th</sup> was \$2706.79.

- Paid membership on February 5<sup>th</sup> was 64.

**Mobile Communication Vehicle:**

On March 17<sup>th</sup> the CBJ assembly approved a resolution to donate the surplus ambulance to the JARC. We are now waiting for the CBJ to complete the paper work transferring the title to the Club. This should take place before the end of the month. Dave Palmer has volunteered to let us keep the vehicle in his hanger at the airport while we are working on it, but we still need to obtain liability insurance before moving it from the police station. It was discussed by the membership that the new communications vehicle should include the capability to communicate on the Family Radio Service bands and the local emergency service bands.

**Membership Notes:**

- Tim Brown, AL0F, will be spending the month of April in Puerto Rico and plans to be on the air. He plans to operate SSB around 28.385 Mhz and 18.139 Mhz and possibly AM at 29.020. His Callsign will be KP4/AL0F and hopes to be on the air from 4/2/03 to 5/6/03.

**Other Club News:**

Wasilla High School has a New Ham Club and it is getting a "Big Project" grant from ARRL. according to Mr Michael Lutes, KL1LD. Len Betts, KL7LB, is giving MARA's support to the Big Project at Wasilla High. Kent Perry KL5T, is looking for traffic and help passing it. Call him at home 694 5856 or work 266 9277 to help ACWN.

**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 not too late to fill out your JARC application and send in your dues. 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. We will also be pursuing the outfitting of the mobile communication vehicle.

Applications are available at monthly meetings and on-line at [www.jarc.org](#). 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:

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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 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!

**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 [kl0kz@jarc.org](mailto:kl0kz@jarc.org) 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 [kl0kz@jarc.org](mailto:kl0kz@jarc.org). 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 [www.jarc.org](http://www.jarc.org). 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.

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

## NEWSLETTER of the Juneau Amateur Radio Club KL7JRC

March 5, 2003

JARC 2003 Club Officers:

President	KL1AS Jack Gregson
Vice President	KL1AT Brent Fischer
Secretary	KL1EF Joel Gilbert
Treasurer	WL7WB Paulette Sill
VHF Chair	KL7HFI Jerry Prindle
Past President	KL0KZ Sam Smith

**The regular monthly meeting of the Juneau Amateur Radio Club will be held at the National Weather Service Office on the Back Loop Road at 7:30 PM on Wednesday, March 5, 2003. Bring any interesting projects that you would like to share with the group.**

**In Brief:**

Two upgrades at the VE session on February 15<sup>th</sup>. Congratulations to Nick Meacher (N3WWE), upgraded to Extra Class, and Norman Wiswell (KL7WG), upgraded to General Class.

City of Juneau Assembly voted to donate the surplus ambulance to the Club for use as a mobile communication vehicle. However, an additional vote will be required at the March Assembly meeting.

Bank balance on February 5<sup>th</sup> was \$3114.17.

Club voted to add an automated weather receiver to Henry .

Current paid membership is 64.

**Mobile Communication Vehicle:** We discussed the new donated ambulance. Jerry advised that it will cost about \$10,000 to outfit the vehicle with two HF positions and two VHF positions, antennas, generators, power supplies, batteries, computers, antenna tuners and generator. Jerry has been in touch with other radio clubs to see what works. The membership would like to see the project progress even if we can't do the whole project complete at this time.

Although the Assembly voted to donate the surplus ambulance, there seems to be a hitch which will require another vote of the Assembly. We don't see any problem at this time, but we will have to wait until the next meeting before we can receive title to the vehicle.

**Science Fair:** Sam and Jerry attended the Science Fair with authority to award a prize for a student project involving radio communications and/or electronics. Your Club judges were unable to find an appropriate project meeting our requirements. For this reason we decided not to award the Club prize this year. This is really fertile ground for amateur radio. Somehow we need to foster interest in our hobby. Let's hear your ideas!!!

**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:** We now have 64 paid members. We are a little short of our 2002 numbers. So it's time to fill out your JARC application and send in your dues. 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

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**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.

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Petersburg/Duncan Canal New equipment is 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)

**Alaska CW Net:** Kent Petty, KL5T, sent an article to us by Ed Trump, AL7N, concerning the ACWN. Although a rather lengthy article, it is very good so it is included in its entirety. See Article on its own page:



**NEWSLETTER of the  
Juneau Amateur Radio Club  
KL7JRC  
February 5, 2003**

**JARC 2003 Club Officers:**

President	KL1AS	Jack Gregson
Vice President	KL1AT	Brent Fischer
Secretary	KL1EF	Joel Gilbert
Treasurer	WL7WB	Paulette Sill
VHF Chair	KL7HFI	Jerry Prindle
Past President	KL0KZ	Sam Smith

**Annual Meeting:**

The annual meeting and banquet of the Juneau Amateur Radio Club was held on January 18<sup>th</sup> at McPhetres Hall. The events of the day included a VE exam, flea market, gourmet supper, prize drawing and meeting including election of officers.

Under the expert direction of Chef Jerry, KL7HFI, 60 members and guests enjoyed the main course of prime rib and potatoes. Members brought a great selection of desserts, salads and other side dishes.

Sean McDermott, WL7CCA, passed the requirements for his Extra Class license at the VE session. At the VE session on January 11<sup>th</sup>, Jackie Smail, passed requirements for General Class and Extra Class, and Matt Musselwhite passed requirements for General Class.

We had a great slate of door prizes this year. The Grand Prize of a \$150 gift certificate from Ham Radio Outlet gear was awarded to Matt Musselwhite, NL7UZ. The other door prizes included eight ARRL books. They were awarded to: Dave Palmer, WB7RRK, Marion Simpson, WL7QA, Alfred Pacheco, NG0G, Charlie Gray, KL7IG, Sam Smith, KL0KZ, Jim Cummins, KL7IYD, Maria Mattson, KL0QP and Ron Hagerup, WL7ZN.

The possibility of obtaining a vehicle from the City was discussed. The vehicle in question is a five-year old ambulance that is being replaced by a new ambulance. The vehicle would be used for an emergency communications platform. It was moved, seconded and passed that the Club move ahead with the request to the City for the vehicle.

**In Brief:**

Congratulations to the 2003 Officers elected at the meeting. President: Jack Gregson, KL1AS, Vice President: Brent Fischer, KL1AT, Secretary: Joel Gilbert, KL1EF, Treasurer: Paulette Sill, WL7WB and VHF Chairman: Jerry Prindle, KL7HFI

A list of accomplishments by the Club during the previous year and the Callsigns of members who have provided major support during the year are provided at the end of the Newsletter. Current paid membership is 53.

**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 is 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.

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The Newsletter for the Arctic Amateur Radio Club in Fairbanks may be found at the following address:

A Microsoft Word version is at:

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### **Highlights of 2003:**

- Club membership at end of year: 104. Thanks to Bob Simpson for all of his work in maintaining our membership at a high level.
- 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.
- The Club supported ARES net was active during the year with regular check in on Tuesday nights.
- Assisted with communications for the 4<sup>th</sup> of July parade. Special thanks to Richard Kaplan.
- Participated in the National Field Day, June 22<sup>rd</sup> and 23<sup>th</sup> with 322 contacts on SSB, CW and satellite (using a hand-held) resulting in total points of 614. We had a total of 40 participants including guests. Special thanks to Bob Dewey and Charlie Gray.
- We continued to hold our monthly meetings at the National Weather Service building on the Back Loop Road. Thanks to Laura for her help while she was the meteorologist-in-charge here in Juneau. The NWS has been very generous in allowing the Club to utilize the station and their conference room for various events.
- Participated in the National Weather Service Special Event on December 7<sup>st</sup> at the Club's station.

- Held the Club picnic at Sandy Beach on August 3rd. Frederick and Steve Bodnar gave a demonstration on IRLP.
- Updated and reissued the Club Repeater Guide (available at the 2002 banquet in January).
- Published nine Club newsletters.
- The JARC website, [www.jarc.org](http://www.jarc.org), has been faithfully maintained throughout the year by Jon Newstrom. The Club newsletters and a lot of ARES information is provided on the website.
- The new repeater was 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.
- A total of 11 VE examination sessions were held producing 16 new technicians, two upgrades to General and two upgrades to Extra. The exams were organized and conducted by Jerry(KL7HFI) with help from numerous other volunteer examiners.
- The Club provided books, training videos and computerized exam review disks to people with an interest in becoming licensed amateur radio operators.
- The Club received a grant from the CBJ to create a repeater link between Juneau and Haines for improved emergency communications. When completed in the spring, the link will extend our communications into the Yukon Territory and further toward the interior of Alaska. The grant also provided funds for a link to Petersburg and for equipment for the Juneau Police Department's Emergency Operations Center. Thanks to Dave Palmer and Jerry Prindle.
- Backup power supplies were replaced at the repeaters on Mount Roberts and Heintzman Ridge.
- We had excellent programs at our monthly meetings this year including presentations on packet radio, operating procedures for emergency nets, float trip on the Yukon River with low power communications, train trip on the Trans-Siberian Railway, Internet Linking Project (IRLP), amateur radio for young people and the setup of VHF repeaters. Thanks to Jerry Prindle, Joel Gilbert, Charles Schroth, Ed Plumb, Frederick Hoskinson, Steven Bodnar and Brent Fischer for their work.
- Special thanks to the Club Officers for their work this year in keeping us moving ahead. Active members are the juice that keeps this Club going, so the Officers of your Club wish to thank members, friends and families for all of their help and resources in keeping this Club active in the interests of amateur radio.
- On a sad note, the community, families and our Club lost long-term member, Harold Hogberg this year.

## Members providing substantial support of amateur radio in Juneau during 2002

Many members of the JARC regularly pitch in with their support to bring vitality to amateur radio in Juneau in often-unnoted ways. The radio club has improved in recent years because we have gained people to the hobby who enthusiastically provide their energies and support to a wide variety of activities. These activities include: serving as club officers; maintaining our repeater systems and building the IRLP system; managing

scheduled nets; acquiring, reproducing, and distributing training materials; serving as volunteer examiners; publishing and distributing JARC Newsletters and announcements; maintaining membership rosters and club records; presenting programs at our monthly meetings; hosting training classes and recruiting members; responding to visitors calling on our repeaters; and arranging and participating in local and national events.

Following is an incomplete list of current members who support these activities:

1. Serving as club officers: KL0KZ, KL7HFI, WL7QC, KL7IG, NL7KT, AL7HF, KL1AT, KL1AS, WL7ZN, WA6AXO, KL7GT, AL7BP, WL7WB, NL7XZ, and KL0XG.
2. Maintaining and extending Repeater Systems, the IRLP system, and autodial: KL7HFI, AL7BP, W3YQ, WL7ZN, WB7RRK, KL0KZ, KL1AT, NL7XZ, WA6AXO, KL1AR, KL0XE, and KL1AT.
3. Managing scheduled nets: N3WWE, KL1EF, NL7XZ, KL7IYD, NL7KL, WL7QC, KL1AS, NL7XZ, KL0QZ, and KL1HR.
4. Acquiring, reproducing, and distributing license and emergency training materials: KL7IG, WA6AXO, NL7XZ, WL7QC, KL1HR, N3WWE, and KLIEF.
5. Serving as volunteer examiners: KL7HFI, AL4K, AL4D, WL7QC, WL7ZN, NL7XZ, KL0QZ, WA6AXO, NL7KL, AL7HF, AL7IQ, NG0C, KL7KD, KL7KE, and KL7R.
6. Publishing and distributing JARC Newsletters and announcements: KL0KZ, KL1AS, NL7XZ, and WL7QC.
7. Maintaining membership rosters and club records: NL7XZ, WL7WB, KL1AS, and KL0KZ.
8. Presenting programs at our monthly meetings: KL7AK, WL7CSJ, WA6AXO, KL7HFI, KL1AR, KL0QZ, WL7QC, KL7IG, and KL1EF.
9. Hosting training classes and recruiting members: KL7HFI, WL7QC, KLOQZ, NL7XZ, KL0XE, WL7CSJ, AL4K, AL4D, N3WWE, and KL0UY.
10. Welcoming visitors calling on our repeaters: KL0QZ, WA6AXO, and KL1FA.
11. Arranging and participating in local and national events e.g. 4<sup>th</sup> parade, boy scouts, dinners, picnics, field day, NWS events: KL7AK, KL7KD, KL7RC, WA6AXO, AL7AE, KL7HFI, KL7IG, KL0QZ, WL7QC, KL0KZ, KL1AS, AL7HF, NL7KL, KD7WN, KL7IWC, KL7IYD, KL1AT, KL1FA, KL1EF, WL7ZN, KL1HR, WL7WB, NL7UC, and NL7XZ

Juneau Amateur Radio Club  
P.O. Box 35484  
Juneau, Ak. 99803-5484

Since June 10, 1999 you are visitor number

Last Updated: 12/30/03

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